



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



THIS MEETING WILL BE CONDUCTED PURSUANT TO AB 361, WHICH SUSPENDS CERTAIN REQUIREMENTS OF THE RALPH M. BROWN ACT TO SUPPORT SOCIAL DISTANCING GUIDELINES ASSOCIATED WITH RESPONSE TO THE CORONAVIRUS (COVID-19) OUTBREAK. 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/81914286057>

TO JOIN BY TELEPHONE, PLEASE DIAL (669) 900-6833 OR (346) 248-7799 AND ENTER WEBINAR ID: 819 1428 6057

**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 **5:00 p.m. on Monday, May 9, 2022**, at Las Virgenes Municipal Water District, 4232 Las Virgenes Road, Calabasas, California 91302, to consider the following:

1. Call to Order
2. Special Meeting of May 9, 2022 (see attached agenda)
3. Adjourn

By Order of the Board of Directors
JAY LEWITT, Chair

A handwritten signature in blue ink, appearing to read "David W. Pedersen".

David W. Pedersen, P.E.
Deputy Secretary

Dated: May 5, 2022

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

Leon E. Shapiro
Vice Chair, Las Virgenes-Triunfo
Joint Powers Authority
Chair, Triunfo Water & Sanitation District
Board of Directors

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

4232 Las Virgenes Road, Calabasas, CA 91302

May 9, 2022, 5:00 PM

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/81914286057>

To join by telephone, please dial (669) 900-6833 or (346) 248-7799 and enter Webinar ID: **819 1428 6057**

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. 18 (AB 361)

A Approval of Agenda and Reauthorization of Revised Use of Teleconferencing for Public Meetings (Pg. 5)

Approve the agenda and pass, approve and adopt proposed Resolution No. 18, reauthorizing the revised use of teleconferencing for public meetings pursuant to the Brown Act provisions enacted by Assembly Bill 361.

RESOLUTION NO. 18

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

(Reference is hereby made to Resolution No. 18 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: Regular Meeting of April 4, 2022 (Pg. 11)

Approve.

5 ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A State and Federal Legislative Update

B Pure Water Project Las Virgenes-Triunfo: Update (Pg. 21)

6 ACTION ITEMS

A Heal the Bay's "Bring Back the Beach" Event: Attendance (Pg. 27)

Authorize one Board Member from each agency and the Administering Agent/General Manager to attend the Heal the Bay "Bring Back the Beach" Event at a cost of \$600 per person.

B Short-Term Offsite Biosolids Disposal: Authorization (Pg. 33)

Authorize the Administering Agent/General Manager to execute an agreement with Liberty Composting, Inc., in the amount of \$158,580, for short-term offsite biosolids disposal.

7 BOARD COMMENTS

8 ADMINISTERING AGENT/GENERAL MANAGER REPORT

9 FUTURE AGENDA ITEMS

10 INFORMATION ITEMS

A Infrastructure Investment Plan: Recycled Water Projects (Pg. 37)

11 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

12 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.

May 9, 2022 JPA Board Meeting

TO: JPA Board of Directors

FROM: General Manager

Subject : Approval of Agenda and Reauthorization of 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. 16 to reauthorize implementation of the provisions of AB 361 given the on-going health concerns associated with the COVID-19 pandemic. If approved, the Board is required to reconsider and renew the action every 30 days

RECOMMENDATION(S):

Approve the agenda and pass, approve and adopt proposed Resolution No. 18, reauthorizing the revised use of teleconferencing for public meetings pursuant to the Brown Act provisions enacted by Assembly Bill 361.

RESOLUTION NO. 18

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

(Reference is hereby made to Resolution No. 18 on file in the JPA's Resolution Book and by this reference the same is incorporated herein.)

FISCAL IMPACT:

No

ITEM BUDGETED:

No

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. 18 - Reauthorizing Use of Teleconferencing

RESOLUTION NO. 18

A RESOLUTION OF THE GOVERNING BOARD OF THE LAS VIRGENES – TRIUNFO JOINT POWERS AUTHORITY REAUTHORIZING 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 this 9th day of May, 2022.

Jay Lewitt, Chair

ATTEST:

Leon E. Shapiro, Vice Chair

APPROVED AS TO FORM:

W. Keith Lemieux, Agency Counsel

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

5:00 PM

April 4, 2022

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Jane Nye.

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at **5:00 p.m.** by Vice Chair Shapiro 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 Assembly Bill 361, which suspended certain requirements of the Ralph M. Brown Act to support social distancing guidelines associated with response to the coronavirus (COVID-19) outbreak. Susan Brown, Administrative Assistant, conducted the roll call.

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

Absent: Lewitt

2. APPROVAL OF AGENDA AND APPROVAL OF FINDINGS OF RESOLUTION NO. 16 (AB 361)

Director Polan moved to approve the agenda and approve the findings of Resolution No. 16 (AB 361). Motion seconded by Director Tjulander. Motion carried by the following roll call vote:

AYES: Caspary, Lo-Hill, Nye, Orkney, Polan, Renger, Shapiro, Tjulander, Wall

NOES: None

ABSTAIN: None

ABSENT: Lewitt

3. PUBLIC COMMENTS

None.

4. CONSENT CALENDAR

Director Polan pulled Item 4C for discussion.

A Minutes: Regular Meeting of March 7, 2022: Approve

B Statement of Revenues, Expenses, and Changes in Net Position: February 2022

Receive and file the Statement of Revenues, Expenses, and Changes in Net Position for the period ending February 28, 2022.

D Tapia Summer Season TMDL Compliance and Meter Replacement Project: Scope Change No. 6

Authorize the Administering Agent/General Manager to approve Scope Change No. 6, in the amount of \$5,934, for Stantec Consulting Services, Inc., to provide additional professional services for the Tapia Summer Season TMDL Compliance and Meter Replacement Project.

Director Polan moved to approve Consent Calendar Items 4A, 4B, and 4D. Motion seconded by Director Renger. Motion carried by the following roll call vote:

AYES: Caspary, Lo-Hill, Nye, Orkney, Polan, Renger, Shapiro, Tjulander, Wall
NOES: None
ABSTAIN: None
ABSENT: Lewitt

4. CONSENT CALENDAR – SEPARATE ACTION ITEM

C Hach WIMS Software Programming: Increase of Purchase Order

Authorize the Administering Agent/General Manager to approve an increase to the purchase order with Data Clarifier Solutions, in the amount of \$20,450, for additional programming services related to the water Information Management System software.

Brett Dingman, Water Reclamation Manager, responded to questions regarding the additional programming services and software updates.

Director Polan moved to approve Consent Calendar Item 4C. Motion seconded by Director Renger. Motion carried by the following roll call vote:

AYES: Caspary, Lo-Hill, Nye, Orkney, Polan, Renger, Shapiro, Tjulander, Wall
NOES: None
ABSTAIN: None

ABSENT: Lewitt

5. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A State and Federal Legislative Update

Lowry Crook, federal lobbyist for the JPA with Best Best & Krieger LLP (BBK), reported that Congress passed the annual appropriations bill. He also reported that the Fiscal Year 2023 budget proposal was released, which included significant funding increases to parts of the U.S. Environmental Protection Agency (EPA) and the U.S. Department of the Interior. He noted that Congressional representatives were continuing discussions regarding funding for climate, water, and provisions to exempt water conservation rebates from taxable income. He also noted that legislators were continuing discussions related to long- and short-term actions to address the current drought.

Ana Schwab, federal lobbyist for the JPA with BBK, provided an update regarding H.R. 7283, the Stream Act, which would reauthorize the U.S. Bureau of Reclamation Title XVI grant funding program. She noted that an application was submitted on behalf of the JPA for a Title XVI grant for the Pure Water Project Las Virgenes-Triunfo. She also noted that H.R. 7283 would provide support for water storage and make technical corrections to the Infrastructure Investment and Jobs Act. She reported that BBK staff was reaching out to the JPA's Congressional delegation, including Senator Dianne Feinstein, Senator Alex Padilla, Congressman Brad Sherman, Congresswoman Julia Brownley, and Congressman Ted Lieu, to invite them to tour the Pure Water Demonstration Facility. She stated that she hoped that the visit by Senator Feinstein's office would coincide with the next JPA meeting. She responded to a question regarding whether H.R. 535, the Special Districts Provide Essential Services Act, would provide COVID-19 relief funding by stating that this bill was one of the first iterations of COVID-19 relief support. She noted that this bill did not pass; however, S. 91 included a provision in the American Rescue Act that allowed local governments, counties, and states to make transfers of COVID-19 relief funds to special districts. She also responded to a question regarding H.R. 692, the Recognition of Local Interests in the National Environmental Policy Act of 1969 (NEPA) Decision Making, by stating that this bill would determine the venue for judicial review of agency action under NEPA.

Syrus Devers, state lobbyist for the JPA with BBK, reported that a support position was submitted on behalf of the JPA regarding AB 2247 (Bloom), Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) and PFAS Products and Product Components: Publicly Accessible Reporting Platform. He provided an update regarding SB 1157 (Hertzberg) related to indoor water efficiency standards, and noted that a letter was sent on behalf of the JPA in opposition unless amended because the bill was not supported by studies and due to impacts to the Pure Water Project Las Virgenes-Triunfo. He also provided an update regarding SB 2811 (Bennett) regarding water recycling for new large commercial buildings. He stated

that there was concern with water recycling at the individual building level and impacts to the JPA were unknown; therefore, a letter was sent in opposition unless amended. He also reported that the JPA signed onto a letter with the Association of California Water Agencies (ACWA) for AB 2639 (Quirk), Water Quality Control Plans and Water Rights Permits. He asked the Board for feedback regarding AB 1944 (Lee) and AB 2449 (Rubio) related to open meeting laws beyond the declaration of emergency to allow for video conferencing. He noted that AB 1944 (Lee) would allow video conferencing and public access, and agenda posting would not be required for those attending offsite. He also noted that AB 2449 (Rubio) included provisions to prohibit a governing body from taking any action should the video feed become interrupted, to allow public participation in person or via video conferencing, and to require instructions for public participation be included on the agenda. Following much discussion, it was the consensus of the Board to support the proposed open meeting bills. Mr. Devers stated that he would follow up with ACWA on preparing a recommended position to either support the bills or support if amended. He also responded to a question regarding the status of SB 1219, State Water Resources Control Board Dissolution: Blue Ribbon Commission, by stating that the bill was pulled and referred to the Environmental Quality Committee for amendment.

B Pure Water Project Las Virgenes-Triunfo: Update

Oliver Slosser, Engineering Program Manager, presented the report. He noted that a Special JPA Board meeting would be held on May 18th for a Strategic Planning Workshop, and the Jacobs Team would present architectural concepts for the advanced water purification facility (AWPF). He responded to a question regarding whether the AWPF would be designed for the current amount of effluent produced at the Tapia Water Reclamation Facility (Tapia) or if there would be room for expansion by stating that the facility would be planned as a 7.5-million-gallons-per-day (MGD) facility, which would handle nearly all of the excess water from Tapia. He also noted that the facility would only run at full capacity during the wet winter months, there would be capacity to add additional flow during the dry season, and the Jacobs Team would be instructed to consider future expansion needs. He also responded to a question regarding whether the design would be specific to both proposed sites by stating that much of the architectural work would be based on the Agoura Road site; however, both sites were still under consideration in the environmental review process. He also responded to questions regarding the meeting with the Mountains Recreation & Conservation Authority regarding initial pipeline alignment options and the potential to reconvene the Independent Advisory Panel.

Joe McDermott, Director of Engineering and External Affairs, noted that a Pure Water Coffee Brew Event would be held at the Pure Water Demonstration Facility on May 14th at 9:00 a.m., which would showcase the safety of pure water and how water is used daily. He stated that invitations would first be sent to the list from the Influential People Outreach Program (iPOP), followed by the community at large.

6. **ACTION ITEMS**

A Centrate Treatment Tank No. 2 Cleaning: Authorization of Purchase Order

Authorize the Administering Agent/General Manager to issue a purchase order to National Plant Services, in the amount of \$69,200, for Centrate Treatment Tank No. 2.

Brett Dingman, Water Reclamation Manager, presented the report. He responded to questions regarding the size of the tank, the jet-mix aeration system, placement of solidified centrate in the dewatering area behind the sprayfields, and groundwater monitoring at the sprayfields for nitrogen.

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

Motion carried by the following roll call vote:

AYES: Caspary, Lo-Hill, Nye, Orkney, Polan, Renger, Shapiro, Tjulander, Wall
NOES: None
ABSTAIN: None
ABSENT: Lewitt

B Rancho Las Virgenes Composting Facility Woolsey Fire Repair Project: Final Acceptance

Authorize the Administering Agent/General Manager to execute a Notice of Completion and have the same recorded; waive liquidated damages associated with delays during construction; and, in the absence of claims from subcontractors and others, release the retention in the amount of \$80,596.05, 30-calendar days after filing the Notice of Completion for the Amendment Bin and Conveyance Modification - Rancho Las Virgenes Composting Facility Woolsey Fire Repair Projects.

Mercedes Acevedo, Assistant Engineer, presented the report. She responded to questions regarding fire hardening measures at the facility.

Director Caspary moved to approve Item 6B. Motion seconded by Director Orkney. Motion carried by the following roll call vote:

AYES: Caspary, Lo-Hill, Nye, Orkney, Polan, Renger, Shapiro, Tjulander, Wall
NOES: None
ABSTAIN: None
ABSENT: Lewitt

C Infrastructure Investment Plan: Fiscal Years 2022-23 through 2031-32

Receive and file the Infrastructure Investment Plan for Fiscal Years 2022-23 through 2031-32.

Eric Schlageter, Principal Engineer, presented the report.

Brett Dingman, Water Reclamation Manager, responded to a question regarding the Rancho Las Virgenes – New Flare by stating that a larger flare was needed as the methane gas generation was higher than the capacity of the existing flare.

Administering Agent/General Manager David Pedersen responded to a question regarding JPA expenses for the recycled water system by stating that the JPA Backbone Recycled Water System was generally the original system that was constructed to move water from the Tapia Water Reclamation Facility to Reservoir No. 2, through the recycled water pump station to the east and to the west. He noted that the Calabasas Park Recycled Water Main Extension would support the JPA Backbone Recycled Water System, and staff would provide a presentation regarding the project at a future meeting. He also responded to a question regarding the Recycled Water Pump Station Battery Energy Storage System by stating that this project was related to the Rancho Las Virgenes Composting Facility Solar and Battery Energy System.

Mr. Schlageter responded to a question regarding the Parkway Tank Rehabilitation Project by stating that staff would bring back additional information at the May 9th JPA Board meeting. He also responded to a question regarding the purpose of the Tapia Effluent Pump Station 4160 Volt Feeder Relocation Project by stating that the existing feed was experiencing signs of corrosion. He also responded to a question regarding an updated cost estimate for the Pure Water Project Las Virgenes-Triunfo by stating that estimating the cost was challenging due to inflation and commodity price fluctuations; however, staff would provide an update to the Board during the mid-cycle budget review. He also responded to a question regarding the Tapia Airline Repair Project by stating that a portion of the airline needed to be repaired, and a highline might be needed for the repair.

Director Orkney moved to approve Item 6C. Motion seconded by Director Wall. Motion carried by the following roll call vote:

AYES: Caspary, Lo-Hill, Nye, Orkney, Polan, Renger, Shapiro, Tjulander, Wall

NOES: None

ABSTAIN: None

ABSENT: Lewitt

7. BOARD COMMENTS

Director Orkney stated that she was pleased with MWD Representative Glen

Peterson and MWD General Manager Adel Hagekhalil's editorial regarding the drought that was published in *The Acorn*.

8. ADMINISTERING AGENT/GENERAL MANAGER REPORT

Administering Agent/General Manager David Pedersen noted that the state was experiencing severe drought conditions, and staff was working with the Metropolitan Water District of Southern California and Calleguas Municipal Water District to understand the impacts and prepare for drought. He reported that the flow in Malibu Creek measured 949 cubic feet per second (CFS) during the recent rain event, and it was now measuring at 14.3 CFS. He also reported that Director Caspary participated in a meeting with staff and with California State Parks to discuss flood concerns related to the Tapia Water Reclamation Facility (Tapia). He noted that California State Parks was working on the removal of Rindge Dam, which would create a positive impact on the hydraulic profile of Malibu Creek. He also provided an update regarding the Malibu Lake Siphon Rehabilitation Project and stated that design work was moving forward. He noted that staff was working on preparing a contingency plan for running a bypass in case a siphon were to fail, and the contingency plan would be presented to the Board for consideration. He also noted that the next JPA meeting would be held on May 9th as the May 2nd meeting was canceled due to a conflict with the Association of California Water Agencies (ACWA) Spring Conference. He also noted that a Special JPA Board meeting would be held on May 18th for a Strategic Planning Workshop. He suggested promoting the recycled water fill station and compost giveaway as drought measures are implemented so that customers may keep their plants healthy. He responded to a question regarding the status of COVID-19 wastewater surveillance data collected at Tapia by stating that the data was most useful for viewing trends for the different COVID-19 variants, such as Omicron. He stated that he would follow-up on whether testing was being conducted for the newest variant.

9. FUTURE AGENDA ITEMS

None.

10. INFORMATION ITEMS

A Rancho Solar Generation Project Phase 2: Indifference Payment and Cost Savings

Administering Agent/General Manager David Pedersen recognized John Zhao, Director of Facilities and Operations, and TerraVerde on their efforts for the Rancho Solar Generation Project.

11. PUBLIC COMMENTS

None.

12. ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **6:44 p.m.**

Jay Lewitt, Chair

ATTEST:

Leon E. Shapiro, Vice Chair

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INFORMATION ONLY

May 9, 2022 JPA Board Meeting

TO: JPA Board of Directors

FROM: General Manager

Subject : Pure Water Project Las Virgenes-Triunfo: Update

SUMMARY:

On August 1, 2016, the JPA Board selected Scenario No. 4, use of Las Virgenes Reservoir for indirect potable reuse, as the preferred alternative for the Recycled Water Seasonal Storage Basis of Design Report. The selected alternative was subsequently renamed the *Pure Water Project Las Virgenes-Triunfo*. Staff was also directed to report back to the Board on the next steps for implementation of the project.

Staff released a request for proposals (RFP) for Owner's Advisor/Program Manager services for the Pure Water Project Las Virgenes-Triunfo on May 8, 2020. The selection of an Owner's Advisor/Program Manager to support the effort was an important next step to begin implementation of the Pure Water Program. Utilization of an Owner's Advisor/Program Manager is consistent with the approach taken by other public agencies pursuing potable reuse projects of similar scope and complexity. Among the critical elements of the proposed scope are completion of the preliminary design and environmental documentation in support of the Pure Water Program. The scope of work under the contract includes program management, preparation of preliminary design and/or alternative delivery bridging documents, preparation of all environmental studies and documentation for compliance with the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA), preparation of studies and documents necessary to secure all required regulatory permits, and support of efforts to secure grant funding or low-interest loans.

On September 8, 2020, the JPA Board accepted a proposal from Jacobs Engineering Group, Inc., and authorized the Administering Agent/General Manager to execute a professional services agreement for Owner's Advisor/Program Manager services for the Pure Water Project Las Virgenes-Triunfo. This report serves to provide a summary of the progress to-date on the work performed by Jacobs Engineering Group, Inc., including major monthly milestones, key program accomplishments, key considerations and a look-ahead of upcoming activities.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

Prepared by: Eric Schlageter, Principal Engineer

ATTACHMENTS:

Pure Water Project Update Jacobs

To: Las Virgenes-Triunfo JPA Board of Directors
From: Jennifer Phillips, Jacobs
Date: April 21, 2022
Re: Pure Water Project JPA Board Monthly Update

Pure Water Project Overview

The Pure Water Project (PWP) is an opportunity to proactively address three major challenges facing the Las Virgenes-Triunfo JPA:

- comply with more stringent regulatory requirements for discharging to Malibu Creek,
- balance seasonal variation of recycled water demand, and
- create a valuable resource to supplement the region's water supplies, enabled by California's cutting-edge reservoir water augmentation program.

By 2030, the innovative plan is to have an operational advanced water purification facility (AWPF) to treat tertiary effluent from the Tapia Water Reclamation Facility for indirect potable reuse, and convey the product water to the Las Virgenes Reservoir, where it will be blended with Metropolitan Water District (MWD) supply. The current phase (Phase 1) of the project provides the programmatic process to manage such a large, complicated project, focusing on the technical, regulatory, environmental, financial, and procurement strategies to provide a foundation with more cost and project delivery clarity. Each month the Project team will provide a status report to communicate major milestones, accomplishments for the previous month, planned work for the next month, and potential challenges.

Monthly Major Milestones

- Conducted preliminary Biological Site Surveys for the project areas during the week of April 11.
- Held technical workshops for the Concept Design on the UV Advanced Oxidation Process and chemical systems on April 13 and April 27.
- Held Funding Roadmap Workshop on April 14.
- Held regulatory meetings with the Division of Drinking Water (DDW) and the Regional Water Quality Control Board (RWQCB) to discuss project elements.
- Began construction of a reverse osmosis (RO) concentrate pipe run demonstration during the week of April 25 to assess scaling potential.

Key Program Accomplishments Last Month

Following is a summary of the key April 2022 program accomplishments. Many PWP team meetings occurred in April to plan, coordinate and implement the following activities:

April Accomplishments:

Programmatic:

- Coordinated technical, procurement, financial, regulatory and environmental efforts.

Technical:

- Engaged the larger process team to progress the AWPf Conceptual Design by conducting process analyses, initiating conversations with equipment vendors, and **defining design criteria** for the process trains to prepare the technical report later this year.
- Conducted technical workshop focused on **Ultraviolet Advanced Oxidation Process (UV-AOP) design criteria** with LVMWD staff on April 13 to discuss approach and progress of conceptual design layout and O&M considerations.
- Conducted technical workshop focused on **chemical system design criteria** with LVMWD staff on April 27 to discuss approach and progress of conceptual design layout and operating assumptions.
- Assembled the **RO Concentrate Pipe Run** at the Demonstration Facility the week of April 25 to identify the potential for scaling based on detention time and velocities anticipated in the estimated 13-mile pipeline.
- Engaged the larger team to progress the AWPf site selection memo with the environmental considerations from the biological field surveys.
- Engaged reservoir experts to develop a draft tracer study test plan to calibrate the existing reservoir model.
- Continued technical support to the CEQA team to address constructability, power, greenhouse gas, and noise considerations of the new AWPf. Further refined the alignments for recycled water, purified water and concentrate conveyance and provided information to the environmental team to incorporate into the **CEQA evaluation**.

Regulatory/Environmental:

- Supported a meeting with LVMWD staff and the RWQCB on April 7 to discuss the Tapia WRF submitted Report of Waste Discharge for the National Pollutant Discharge Elimination System (NPDES) Renewal, as it relates to future AWPf discussions.
- Conducted **Biological Site Surveys** the week of April 11 to identify rare plant species along the potential alignments and sites as part of the PEIR and site evaluation process.
- Prepared for a meeting with LVMWD staff and the California State Water Resources Control Board (SWRCB) to discuss approach for the Wastewater Change Petition under Water Code **Section 1211**. Meeting will be scheduled for May.
- Conducted a DDW and RWQCB joint meeting on April 27 to provide a PWP update and gain input on the pipeline separation approach and pathogen credits for total chlorine between Tapia WRF and the AWPf.

- Submitted an administrative draft of the **Program Environmental Impact Report (PEIR)** for LVMWD staff review.

Financial:

- Conducted a Funding Roadmap session with LVMWD staff on April 14 to discuss funding opportunities, timeline and approach to plan efforts for application development.

Procurement:

- Conducted a Procurement Session with LVMWD staff on April 26 to discuss the Marketing Sounding Analysis and outline the process, approach, and types of questions to engage with prospective Design-Build firms to refine the procurement process.

Public Outreach:

- Developed **speaker training tools** and resources to coach LVMWD and TWSD staff.
- Conducted biweekly coordination calls with LVMWD staff to support ongoing public outreach efforts.

Look Ahead

The Project Team is preparing the technical evaluations of each site, conducting testing at the Demonstration facility to inform the design, developing the conveyance alignment study, progressing the CEQA work, and proceeding with the strategies outlined in the Program Implementation Plan for May.

The Project Team is focused on the following activities for May:

- Focused technical design workshops to progress the AWPf Concept Design and Conveyance Alignment Study to incorporate staff feedback.
- Media training of JPA Board and tailgate for staff.
- Biweekly meetings to refine procurement elements that support the overall procurement roadmap shared in January.
- Begin preparation for the California Environmental Quality Act (CEQA) public meeting.

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May 9, 2022 JPA Board Meeting

TO: JPA Board of Directors

FROM: General Manager

Subject : Heal the Bay's "Bring Back the Beach" Event: Attendance

SUMMARY:

Following a two-year pause due to the COVID-19 pandemic, the environmental group Heal the Bay will hold its "Bring Back the Beach" Event in Santa Monica as one of its key fundraising activities. This year the event will be held on Thursday, June 2, 2022, at the Jonathan Club in Santa Monica. Over the years, JPA Directors have attended the event to build relationships, not only with Heal the Bay, but also with other environmental group representatives attending the function. Previously, the JPA reserved a 10-seat table, but when costs rose from \$3,000 to \$5,000, it was decided to only send the Chairs of each Board, or their designees. Individual seats for the event are \$600.

RECOMMENDATION(S):

Authorize one Board Member from each agency and the Administering Agent/General Manager to attend the Heal the Bay "Bring Back the Beach" Event at a cost of \$600 per person.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

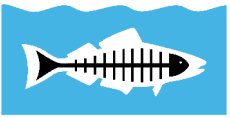
Yes

FINANCIAL IMPACT:

Sufficient funds for the event are available in the adopted Fiscal Year 2022-23 JPA Budget. Historically, the expense has been charged to the "Watershed Programs" portion of the JPA's Administration Budget, which is allocated 70.6% to LVMWD and 29.4% to Triunfo Sanitation District.

Prepared by: David W. Pedersen, Administering Agent/General Manager

ATTACHMENTS:



(<https://healthebay.org>)

Bring Back the Beach Gala 2022

June 2 @ 5:00 pm - 10:00 pm



SAVE THE DATE
JUNE 2, 2022

**BRING BACK
THE BEACH GALA**
**BENEFITING
HEAL THE BAY**

@THE JONATHAN CLUB
850 PALISADES BEACH RD.
SANTA MONICA

**SET SAIL ON
THE SS HTB!**

HONORING



ERIK LOGAN
CEO, WORLD SURF LEAGUE



Heal the Bay

www.healthebay.org/gala

Heal the Bay's Bring Back the Beach Gala is back!

Following a two-year pause due to the pandemic, we are thrilled to announce the return of our Bring Back the Beach Gala on June 2, 2022. As a fundraising benefit for Heal the Bay, this exclusive West Coast event welcomes hundreds of leaders from the business, political, entertainment, and environmental communities. And the excitement doesn't

stop there, as we will also be shining the light on the incredible achievements of this year's honoree, Erik Logan. As CEO of World Surf League, Erik has gone to great lengths to bring clean water awareness and initiatives to the worldwide surfing community. We hope you will join us to support both Erik's work and the wide-reaching impact of Heal the Bay.

Sipping on fruity cocktails, enjoying a beautiful sunset with the salty breeze, digging your toes in the sand, and winning an amazing getaway—does life get any better? Yes, when it all benefits healthy, safe, and clean coastal waters and watersheds. Our Bring Back the Beach Gala sells out every year. So, please reserve your seat soon. We look forward to celebrating with you on the sand!

Event Details:

Bring Back the Beach Annual Gala

Thursday, June 2, 2022 @ 5pm – 10pm

Jonathan Club Santa Monica

healthebay.org/gala



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May 9, 2022 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject : Short-Term Offsite Biosolids Disposal: Authorization

SUMMARY:

In late May 2020, the Rancho Las Virgenes Composting Facility began to make compost for the first time since the Woolsey fire. When compost production began, the hauling of class B biosolids off-site was halted and compost inventory grew. Unfortunately, demand for compost has been slow to recover, and inventory has increased to unprecedented levels, causing Rancho operations to pile compost in front of the cure building and adjacent to the reactor building.

To reduce compost inventory and allow for maintenance to be performed in the reactor building, staff proposes to contract with Liberty Composting for short-term hauling of class B biosolids. Liberty Composting proposes to haul the biosolids for \$73.70 per ton plus a fuel surcharge. For comparison, New Earth USA hauled class B biosolids for the JPA in 2020 at a rate of \$63.69 per ton. It is expected that hauling would continue for three to four months with the hope that compost demand would return to previous levels. Hauling for this duration would also allow for the reactor building to be emptied of compost, so important maintenance projects can be completed.

Based on an estimated 30 tons per day of class B biosolids generated weekly for seven days over 16 weeks, approximately 3,360 tons of biosolids would be produced during the shutdown. Using this data, the cost for the hauling and disposal would be approximately \$148,580. There would also be a fuel surcharge given that diesel fuel currently costs over \$5.00 per gallon. It is recommended that an additional \$10,000 be authorized for the fuel surcharge for a total amount of \$158,580.

RECOMMENDATION(S):

Authorize the Administering Agent/General Manager to execute an agreement with Liberty Composting, Inc., in the amount of \$158,580, for short-term offsite biosolids disposal.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

No

FINANCIAL IMPACT:

Sufficient funds are available in the adopted Fiscal Year 2021-22 JPA Budget. The temporary shutdown of the composting process would provide offsetting savings due to reduction in the need to purchase amendment and odor control media. The cost of the work would be allocated 70.6% to LVMWD and 29.4% to Triunfo Water and Sanitation District.

DISCUSSION:

Due to the Woolsey fire in November 2018, there was extensive damage to the amendment conveyance system at the Rancho Las Virgenes Composting Facility. Because of the damage, compost could not be produced, and class B biosolids from the centrifuge dewatering process were loaded into trucks. These biosolids were hauled to Holloway Environmental in Lost Hills, California, where it was used for mine reclamation.

In late May 2020, the Rancho Las Virgenes Composting Facility began to make compost again. When composting operations began, the hauling of class B biosolids off-site was halted, compost was produced and inventory began to increase. Unfortunately, demand for compost has been slow to recover, and the inventory has increased to unprecedented levels. Before the Woolsey fire, in February 2018, total compost inventory was 1,286 cubic yards with 788 cubic yards ready to ship. In early April 2022, total compost inventory reached 4,656 cubic yards with 3,000 cubic yards ready to ship. The average amount of compost taken during the Saturday giveaway program in early 2018 was 80 to 100 cubic yards. This year, the average amount of compost taken is approximately 50 cubic yards. Rancho operations staff has been piling compost in front of the cure building and adjacent to the reactor building because the cure building has run out of room for storage.

To reduce compost inventory, staff proposes to restart short-term hauling of class B biosolids for three months. Staff reached out to vendors who provide biosolids hauling, including New Earth USA, Synagro and Liberty Composting, Inc. New Earth USA did not respond, while Synagro showed interest but did not submit a proposal. The only proposal received was from Liberty Composting, Inc. The vendors stated that increasing fuel costs and a shortage of truck drivers complicated their ability to provide proposals.

Liberty Composting submitted a proposal to haul the biosolids for \$73.70 per ton, plus a fuel surcharge. The fuel surcharge is assessed per ton of biosolids to account for the difference between the base fuel price of \$5.00 per gallon and the actual fuel price at the time of service. Details on the surcharge calculation are provided in the attached proposal from Liberty Composting.

Based on an estimated 24 tons per day of class B biosolids generated for 12 weeks, approximately 2,016 tons of biosolids would be produced during the shutdown. Using this data, the cost for hauling and disposal would be approximately \$148,580, plus the fuel surcharge. It is recommended that an additional \$10,000 be authorized for the fuel surcharge, bringing the total amount to \$158,580.

The temporary shutdown of composting would provide a cost-savings due to reduced amendment purchases and energy usage. Amendment would not be purchased during the shutdown period, translating to a hauling cost offset. Additionally, since the blowers and fans in the reactor building would not need to be in operation, a cost-savings for reduced energy usage is expected.

During the shutdown, the compost reactor and cure buildings would be emptied, allowing staff to perform maintenance tasks that cannot be handled when the system is in operation. These tasks include clean-up, as well as inspection and repair of equipment supporting the facility. After repairs are completed and compost production resumes, it would take approximately 60 days to produce new compost that is certified for public use.

If approved, this would mark the sixth time since the plant was placed into service that compost production has been temporarily halted. Previously, the plant was shut down for improvements to the conveyors and bucket elevators (2003), rehabilitation of the downstream portion (drop ceiling and bay media) of the reactor building (2006), inspection of the loading area ceiling (2009), repair of the reactor building ceiling (2011) and due to damages from the Woolsey Fire (2018 to 2020).

GOALS:

Construct, Manage and Maintain All Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

The short-term hauling of biosolids allows for special maintenance to occur at the facility and reduces the amount of excess compost stored at the site.

Prepared by: Brett Dingman, Water Reclamation Manager

ATTACHMENTS:

Proposal by Liberty Composting, Inc.



LIBERTY COMPOSTING, INC.

12421 Holloway Road, PO Box 5
Lost Hills, CA 93249
(661) 797-2914

March 29, 2022

VIA ELECTRONIC MAIL

Robert Robins
Las Virgenes Municipal Water District

RE: Biosolids hauling quote

Mr. Robins,

Liberty Composting, Inc., is pleased to present its quote for biosolids hauling and reuse through composting, from Las Virgenes Municipal Water District

This quote includes the use of two (2) staged trailers, as well as truck to be utilized by the District as a yard goat.

Liberty's proposed price is seventy-three dollars and seventy cents (\$73.70) per ton. Additionally, a fuel surcharge will be applied, with a base rate of \$5.00 per gallon.

Assumptions

Base fuel price 5.00

313 round trip miles

Fuel economy 5 MPG

Payload 24 tons

Monthly fuel adjustment:

*(\$6.14 (previous months average) - \$5.00 (base fuel price)) * (313 (Round trip miles) /5 (fuel economy)) /24 tons (payload) = \$2.98 increase per ton*

The average fuel price is derived from the US EIA weekly California low Sulphur diesel fuel price website, www.eia.gov/petroleum/gasdiesel, California Index.

Should you have any questions or require additional information, please contact me at 661-214-5349.

Respectfully,

Patrick McCarthy
General Manager
Liberty Composting

INFORMATION ONLY

May 9, 2022 JPA Board Meeting

TO: JPA Board of Directors

FROM: Engineering and External Affairs

Subject : Infrastructure Investment Plan: Recycled Water Projects

SUMMARY:

On April 4, 2022, the JPA Board received and filed the Infrastructure Investment Plan for Fiscal Years 2022-23 through 2031-32. During the discussion, Director Janna Orkney asked staff to provide additional information on two recycled water projects that were included in the plan to determine if they should be JPA-funded or LVMWD-only projects. This report is responsive to Director Orkney's request and concludes that the two projects should be removed from the JPA's Infrastructure Investment Plan.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

Director Janna Orkney asked staff to provide additional information on two recycled water projects that were included in the JPA's Infrastructure Investment Plan to determine if they should be JPA-funded or LVMWD-only projects. Following is a summary of the proposed scope of work for the two projects.

CIP No. 10666, Calabasas Park Recycled Water Main Extension:

The project consists of installing approximately 1,200 linear feet of recycled water main along Park Entrada between Parkway Calabasas and Tedregal Court in the City of Calabasas. Due to frequent failures of undersized piping and pressure surges in the area, the new pipeline is proposed to loop the system, increase capacity and reduce pressure surges. The project will reduce leaks and failures, while extending the useful life of the existing recycled water distribution system.

CIP No. 201869, Recycled Water Tank Rehabilitation:

The project consists of removing and replacing the interior and exterior coatings of the Parkway Tank, which is a recycled water tank in the City of Calabasas near the Oaks community. Replacement and maintenance of tank coatings will ensure that the facility's useful life is maximized by mitigating corrosion of the tank structure.

Relevance of Projects to JPA:

Staff reviewed the relevance of the two projects to the JPA and evaluated consistency with respect to funding past recycled water infrastructure. The JPA has traditionally funded recycled water projects that support the backbone conveyance system, including those that directly benefit Triunfo's ability to serve recycled water within its service area and/or support regulatory compliance for creek avoidance. These projects have included storage and conveyance improvements to deliver recycled water to Discharge Point No. 005 (Los Angeles River) in the City of Calabasas, which aid in managing recycled water supply and demands challenges.

Upon further investigation, staff found that the existing recycled water main near the location of the proposed Calabasas Park Recycled Water Pipeline Project, as well as the Parkway Tank, were constructed and funded by developers to support the irrigation demands of the adjacent planned communities in Calabasas. This finding indicates that the projects should be reflected as LVMWD-only.

The JPA Agreement allows for each partner agency to determine whether or not to financially participate in system alterations or expansion of the recycled water system. Attached for reference is an exhibit that illustrates the source of funding for the various elements of the recycled water system.

Conclusion:

Based on the investigation, staff proposes to remove the two projects from the JPA's Infrastructure Investment Plan and fund them as LVMWD-only. Following is a summary of the rationale for the proposal.

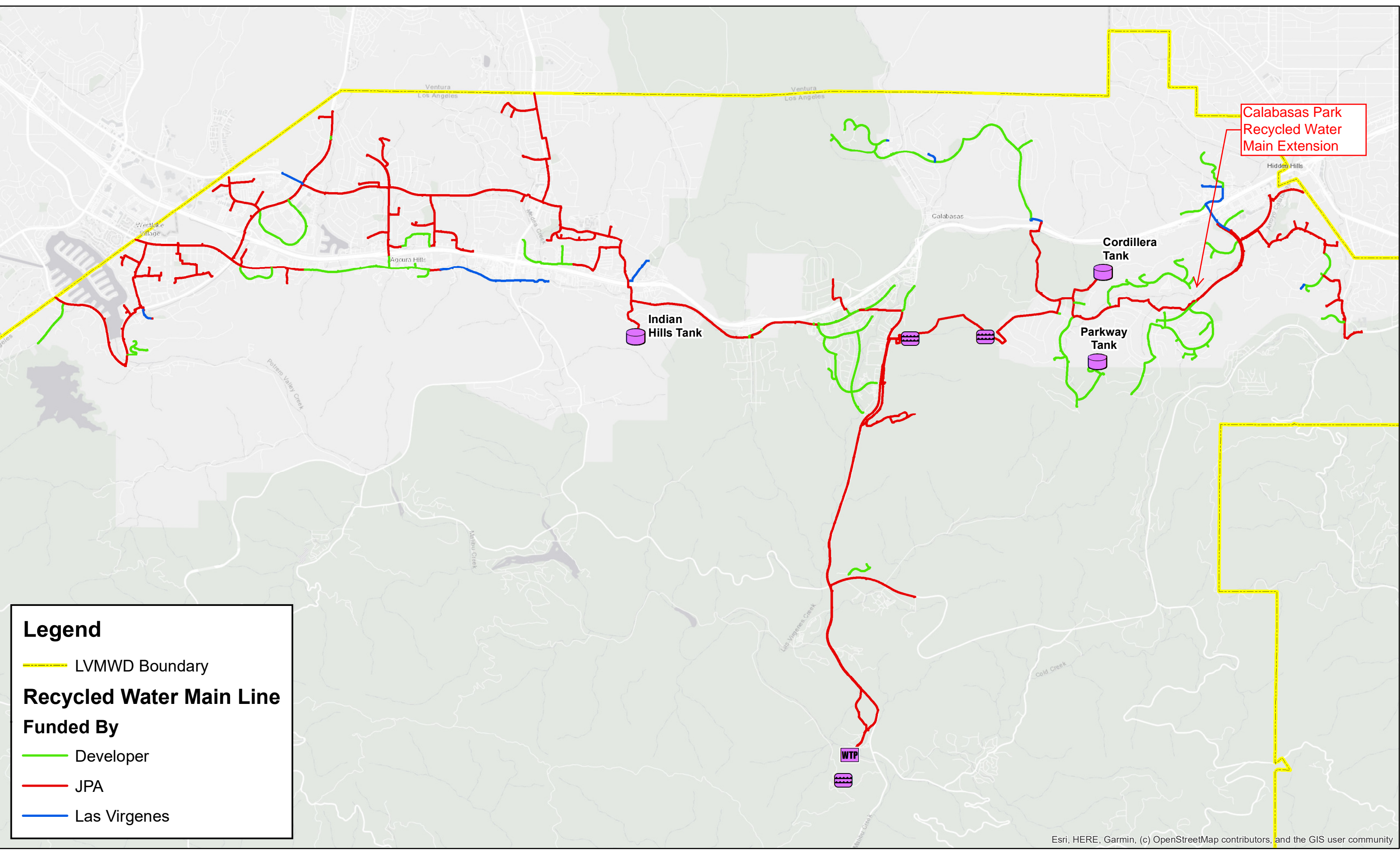
- The recycled water pipeline, as well as the Parkway Tank, were funded and constructed by a developer and dedicated to LVMWD.
- The Calabasas Park pipeline is relatively small in diameter and, while looping the system would reduce the frequency of leaks and failures, it would provide minimal conveyance improvement to Discharge Point No. 005 (Los Angeles River).
- Parkway Tank is only 130,000 gallons and was likely constructed to meet increased irrigation demands for the nearby community.
- Both facilities are small in conveyance capacity and storage volume, which would not support a conclusion that they are critical to the backbone recycled water system.

Attached is an updated version of the JPA's Infrastructure Investment Plan for Fiscal Years 2022-23 through 2031-32 with the two recycled water projects removed.

Prepared by: Eric Schlageter, P.E., Principal Engineer

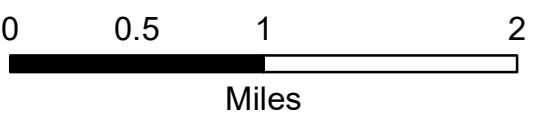
ATTACHMENTS:

Exhibit w/Funding Sources for Existing Recycled Water System



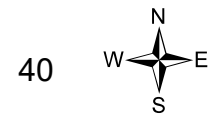
Legend

- LVMWD Boundary
- Recycled Water Main Line**
- Funded By**
- Developer
- JPA
- Las Virgenes



LVMWD Recycled Water System

Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community



LVMWD REPORT # 2816.00
4232 LAS VIRGENES ROAD
CALABASAS, CALIFORNIA 91302-1994
TELEPHONE: (818) 251-2100
LOS ANGELES COUNTY, CALIFORNIA

**LAS VIRGENES – TRIUNFO JOINT POWERS AUTHORITY
INFRASTRUCTURE INVESTMENT PLAN (IIP)**

FISCAL YEAR 2022/23 – FISCAL YEAR 2031/32

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Section 1

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Las Virgenes - Triunfo Joint Powers Authority
Infrastructure Investment Plan
FY 22/23 through FY 31/32

Overview

The Capital Improvement Plan or Infrastructure Investment Plan (Plan) is a planning document used to identify, prioritize and establish baseline expenditures for facility improvements or replacement projects which ensure the Las Virgenes - Triunfo Joint Powers Authority can consistently meet the needs of the public, both for now and into the future.

This ten year Plan reviews anticipated work over an extended planning horizon and updates planned spending for previously identified programs. Additionally, the ten year plan provides a basis for developing long term financial plans and for anticipating agency cash flow needs.

The information provided in this Plan is intended to inform the reader of current and proposed capital improvement projects, their status and potential costs.

This ten year Plan has been prepared and reviewed by staff to confirm the priority and need of ongoing and candidate projects for funding consideration and accomplishment. The Plan incorporates facility needs identified by a number of sources. These include: integration of new facility improvements identified in master planning documents; implementation of actions recommended in major studies; the facilities or programs necessary to meet regulatory compliance requirements; and, maintenance, repair, or replacement of component systems to continue normal operations.

The Plan places the prospective projects into various program years to organize them over the planning period. Because of the complexity of facility planning, either deferral or speeding up of projects may occur. These changes are dealt with in the Annual Budget and are amended in the next year's Plan.

Assumptions

Significant drivers influencing the development of the Infrastructure Investment Plan ("Plan") include: 1) regulatory and policy issues effecting LVMWD and JPA operations; 2) master plan recommended facility replacement and repair; and 3) internally developed programs to improve service delivery and efficiency. Some examples include:

- Projects related to proposed regulatory standards for Malibu Creek and their impact to the Tapia Water Reclamation Facility (Tapia) are included in this plan.
- Significant effort will continue towards indirect potable reuse through the Pure Water Project (10635)
- Repair and replacement projects for JPA facilities will be scheduled for long term protection of agencies' investment and to improve operational efficiencies.

Summary

This ten year Plan reflects the previous trend on placing emphasis on "replacement-funded" projects for Sanitation and Recycled Water facilities. The proposed expenditures reflect the replacement of maturing district infrastructure and the need to replace, upgrade or refurbish existing systems to continue to provide high quality, reliable service.

Major projects scheduled over the next two years are identified below.

Pure Water Project - (10635)

Programs

- Rancho Reliability Improvements (201955)
- Tapia Water Reclamation Facility Improvements (201965)
- Fire Hardening JPA Facilities (201959)

Recycled Water System

- Recycled Water Pump Station Battery Energy Storage System (BESS) (201974)

-

Rancho / Farm

- Centrate Tank Inspection and Rehabilitation (10748)
- Rancho Valving In Street Replacement (10754)
- Rancho: Replace Agitators (80748)
- Rancho SCADA Improvements (99909)

Tapia

- Tapia Effluent Pump Station 4160 Volt Feeder Relocation (10702)
- Tapia Flow Equalization (10737)
- 003 Discharge Point Rehabilitation (10745)

Sewer Lift Stations

- Malibou Lake Siphon Project (201968)

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Section 2

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Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

JPA Partner Cost Share

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	0-Year Total
P/W Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
P/W Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Construction	\$0	\$0	\$186,384	\$0	\$0	\$186,384	\$186,384	\$186,384	\$186,384	\$186,384	\$1,118,304
Sanitation Replacement	\$5,661,577	\$9,681,364	\$4,137,019	\$2,060,249	\$2,076,035	\$1,572,262	\$1,191,728	\$1,191,728	\$1,191,728	\$1,191,728	\$29,955,418
RW Conservation	\$149,637	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$149,637
RW Replacement	\$0	\$0	\$0	\$669,288	\$404,369	\$0	\$0	\$0	\$0	\$0	\$1,073,657
LVMWD Share	\$5,811,214	\$9,681,364	\$4,323,403	\$2,729,537	\$2,480,404	\$1,758,646	\$1,378,112	\$1,378,112	\$1,378,112	\$1,378,112	\$32,297,015
	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	0-Year Total
Sanitation Construction	\$0	\$0	\$77,616	\$0	\$0	\$77,616	\$77,616	\$77,616	\$77,616	\$77,616	\$465,696
Sanitation Replacement	\$2,348,753	\$4,031,616	\$1,722,781	\$857,951	\$864,525	\$654,738	\$496,272	\$496,272	\$496,272	\$496,272	\$12,465,452
RW Conservation	\$62,313	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$62,313
RW Replacement	\$0	\$0	\$0	\$278,712	\$168,391	\$0	\$0	\$0	\$0	\$0	\$447,103
TWSD Share	\$2,411,066	\$4,031,616	\$1,800,397	\$1,136,663	\$1,032,916	\$732,354	\$573,888	\$573,888	\$573,888	\$573,888	\$13,440,565
Total Costs	\$8,222,280	\$13,712,980	\$6,123,800	\$3,866,200	\$3,513,320	\$2,491,000	\$1,952,000	\$1,952,000	\$1,952,000	\$1,952,000	\$45,737,580

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Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

EXPENSE BY ENTERPRISE

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
Recycled Water												
201974	Recycled Water Pump Station Battery Energy Storage System (BESS)	1,381,950	0	0	0	0	0	0	0	0	0	1,381,950
201975	OFFSET OF IIP #201974 - RWPS Battery Energy Storage System	-1,170,000	0	0	0	0	0	0	0	0	0	-1,170,000
201976	Indian Hills	0	0	0	948,000	572,760	0	0	0	0	0	1,520,760
	SUB-TOTAL Recycled Water	\$211,950	\$0	\$0	\$948,000	\$572,760	\$0	\$0	\$0	\$0	\$0	\$1,732,710
Sanitation												
10520	SCADA System Communication Upgrades	24,750	644,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	3,180,750
10668	Rancho Las Virgenes Storm Water Diversion Structure Replacement	0	171,900	0	0	0	0	0	0	0	0	171,900
10693	Pavement Restoration Rancho	0	0	0	0	0	539,000	0	0	0	0	539,000
10702	Tapia Effluent Pump Station 4160 Volt Feeder Relocation	165,000	0	0	0	0	0	0	0	0	0	165,000
10703	Tapia Tertiary Filter Rehabilitation	0	50,000	396,000	0	0	0	0	0	0	0	446,000
10711	Rancho Reliability Improvement - FY25-32	0	0	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,056,000
10724	Multi Site Security Assessment and Improvement - JPA	105,000	343,200	316,800	343,200	142,560	0	0	0	0	0	1,250,760
10737	Tapia Flow Equalization - Design/Construct	450,000	3,330,000	3,330,000	0	0	0	0	0	0	0	7,110,000
10741	Concrete Corrosion/Crack Repair - Tapia	50,000	264,000	0	0	0	0	0	0	0	0	314,000

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

EXPENSE BY ENTERPRISE

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
10743	Fire Hardening - JPA Facilities - FY22-23 & FY23-24	264,000	264,000	0	0	0	0	0	0	0	0	528,000
10745	003 Discharge Point Rehabilitation	555,000	555,000	0	0	0	0	0	0	0	0	1,110,000
10747	New RAS Wet Well and Pumps	0	0	120,000	1,342,000	0	0	0	0	0	0	1,462,000
10748	Centrate Tank Inspection and Rehabilitation Assessment	132,000	0	0	0	0	0	0	0	0	0	132,000
10749	Tapia Influent Pump Replacement	0	0	0	100,000	1,665,000	0	0	0	0	0	1,765,000
10752	Tapia Sludge Wet Well Re-circulation Piping Replacement	0	50,000	132,000	0	0	0	0	0	0	0	182,000
10753	Tapia Air Line Repair	330,000	0	0	0	0	0	0	0	0	0	330,000
10754	Rancho Valving In Street Replacement	396,000	0	0	0	0	0	0	0	0	0	396,000
201858	Tapia Secondary Clarifier Rehabilitation	847,000	0	0	0	0	0	0	0	0	0	847,000
201913	Tapia Effluent Pump Station Rehabilitation	0	5,522,500	0	0	0	0	0	0	0	0	5,522,500
201916	Tapia Control Building Improvements	0	841,380	0	0	0	0	0	0	0	0	841,380
201930	Rancho Fire Repair - Woolsey Fire - Reimbursement	-147,070	0	0	0	0	0	0	0	0	0	-147,070
201933	JPA Facility Facilities Repair - Woolsey Fire - Reimbursement	-80,000	0	0	0	0	0	0	0	0	0	-80,000
201938	Tapia Water Reclamation Facility Improvements - FY25-32	0	0	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,056,000
201951	JPA Condition Assessment and Rehab Planning	100,000	0	0	0	0	0	0	0	0	0	100,000
201952	Centrifuge Controls Upgrade	158,400	0	0	0	0	0	0	0	0	0	158,400

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

EXPENSE BY ENTERPRISE

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
201955	Rancho Reliability Improvements - FY22-23 & FY23-24	132,000	132,000	0	0	0	0	0	0	0	0	264,000
201959	Fire Hardening - JPA Facilities - FY5-32-32	0	0	264,000	0	0	264,000	264,000	264,000	264,000	264,000	1,584,000
201965	Tapia Water Reclamation Facility Improvements - FY22-23 & FY23-24	132,000	132,000	0	0	0	0	0	0	0	0	264,000
201966	TAPIA ALUMINUM SULFATE TANK REPLACEMENT	816,000	396,000	0	0	0	0	0	0	0	0	1,212,000
201967	Rancho Control Building HVAC Replacement	330,000	0	0	0	0	0	0	0	0	0	330,000
201968	Malibou Lake Siphon Project	1,337,000	0	0	0	0	0	0	0	0	0	1,337,000
201969	Rancho Las Virgenes - New Flare	150,000	555,000	0	0	0	0	0	0	0	0	705,000
201972	Trunk Sewer System Improvements - Out Years	0	0	555,000	555,000	555,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	7,215,000
201985	UNFUND - Rancho Valving In Street (#10754)	-396,000	0	0	0	0	0	0	0	0	0	-396,000
60030	Grit Chamber Mixing System Replacement	0	198,000	0	0	0	0	0	0	0	0	198,000
60032	Pavement Restoration Tapia	0	0	432,000	0	0	0	0	0	0	0	432,000
80748	Rancho: Replace Agitators	1,304,250	0	0	0	0	0	0	0	0	0	1,304,250
99909	Rancho Las Virgenes SCADA Improvements	855,000	264,000	0	0	0	0	0	0	0	0	1,119,000
SUB-TOTAL Sanitation		\$8,010,330	\$13,712,980	\$6,123,800	\$2,918,200	\$2,940,560	\$2,491,000	\$1,952,000	\$1,952,000	\$1,952,000	\$1,952,000	\$44,004,870
TOTAL ALL PROJECTS		\$8,222,280	\$13,712,980	\$6,123,800	\$3,866,200	\$3,513,320	\$2,491,000	\$1,952,000	\$1,952,000	\$1,952,000	\$1,952,000	\$45,737,580

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Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

Projects by Location

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
ADMINISTRATIVE												
10520	SCADA System Communication Upgrades	24,750	644,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	3,180,750
10724	Multi Site Security Assessment and Improvement - JPA	105,000	343,200	316,800	343,200	142,560	0	0	0	0	0	1,250,760
	SUB-TOTAL ADMINISTRATIVE	\$129,750	\$987,200	\$630,800	\$657,200	\$456,560	\$314,000	\$314,000	\$314,000	\$314,000	\$314,000	\$4,431,510
O&M BUDGET ITEM												
201951	JPA Condition Assessment and Rehab Planning	100,000	0	0	0	0	0	0	0	0	0	100,000
	SUB-TOTAL O&M BUDGET ITEM	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
PROGRAMS												
201955	Rancho Reliability Improvements - FY22-23 & FY23-24	132,000	132,000	0	0	0	0	0	0	0	0	264,000
10711	Rancho Reliability Improvement - FY25-32	0	0	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,056,000
10743	Fire Hardening - JPA Facilities - FY22-23 & FY23-24	264,000	264,000	0	0	0	0	0	0	0	0	528,000
201959	Fire Hardening - JPA Facilities - FY5-32-32	0	0	264,000	0	0	264,000	264,000	264,000	264,000	264,000	1,584,000
201965	Tapia Water Reclamation Facility Improvements - FY22-23 & FY23-24	132,000	132,000	0	0	0	0	0	0	0	0	264,000
201938	Tapia Water Reclamation Facility Improvements - FY25-32	0	0	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,056,000
	SUB-TOTAL PROGRAMS	\$528,000	\$528,000	\$528,000	\$264,000	\$264,000	\$528,000	\$528,000	\$528,000	\$528,000	\$528,000	\$4,752,000
RANCHO/FARM												
10668	Rancho Las Virgenes Storm Water Diversion Structure Replacement	0	171,900	0	0	0	0	0	0	0	0	171,900
10693	Pavement Restoration Rancho	0	0	0	0	0	539,000	0	0	0	0	539,000

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

Projects by Location

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
10748	Centrate Tank Inspection and Rehabilitation Assessment	132,000	0	0	0	0	0	0	0	0	0	132,000
10754	Rancho Valving In Street Replacement	396,000	0	0	0	0	0	0	0	0	0	396,000
201952	Centrifuge Controls Upgrade	158,400	0	0	0	0	0	0	0	0	0	158,400
201969	Rancho Las Virgenes - New Flare	150,000	555,000	0	0	0	0	0	0	0	0	705,000
80748	Rancho: Replace Agitators	1,304,250	0	0	0	0	0	0	0	0	0	1,304,250
99909	Rancho Las Virgenes SCADA Improvements	855,000	264,000	0	0	0	0	0	0	0	0	1,119,000
	SUB-TOTAL RANCHO/FARM	\$2,995,650	\$990,900	\$0	\$0	\$0	\$539,000	\$0	\$0	\$0	\$0	\$4,525,550

RECYCLED WATER

201974	Recycled Water Pump Station Battery Energy Storage System (BESS)	1,381,950	0	0	0	0	0	0	0	0	0	1,381,950
201975	OFFSET OF IIP #201974 - RWPS Battery Energy Storage System	-1,170,000	0	0	0	0	0	0	0	0	0	-1,170,000
201976	Indian Hills	0	0	0	948,000	572,760	0	0	0	0	0	1,520,760
	SUB-TOTAL RECYCLED WATER	\$211,950	\$0	\$0	\$948,000	\$572,760	\$0	\$0	\$0	\$0	\$0	\$1,732,710

SEWER/LIFT STATIONS

201968	Malibou Lake Siphon Project	1,337,000	0	0	0	0	0	0	0	0	0	1,337,000
201972	Trunk Sewer System Improvements - Out Years	0	0	555,000	555,000	555,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	7,215,000
	SUB-TOTAL SEWER/LIFT STATIONS	\$1,337,000	\$0	\$555,000	\$555,000	\$555,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$8,552,000

TAPIA

10702	Tapia Effluent Pump Station 4160 Volt Feeder Relocation	165,000	0	0	0	0	0	0	0	0	0	165,000
10703	Tapia Tertiary Filter Rehabilitation	0	50,000	396,000	0	0	0	0	0	0	0	446,000
10737	Tapia Flow Equalization - Design/Construct	450,000	3,330,000	3,330,000	0	0	0	0	0	0	0	7,110,000
10741	Concrete Corrosion/Crack Repair - Tapia	50,000	264,000	0	0	0	0	0	0	0	0	314,000

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

Projects by Location

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
10745	003 Discharge Point Rehabilitation	555,000	555,000	0	0	0	0	0	0	0	0	1,110,000
10747	New RAS Wet Well and Pumps	0	0	120,000	1,342,000	0	0	0	0	0	0	1,462,000
10749	Tapia Influent Pump Replacement	0	0	0	100,000	1,665,000	0	0	0	0	0	1,765,000
10752	Tapia Sludge Wet Well Re-circulation Piping Replacement	0	50,000	132,000	0	0	0	0	0	0	0	182,000
10753	Tapia Air Line Repair	330,000	0	0	0	0	0	0	0	0	0	330,000
201858	Tapia Secondary Clarifier Rehabilitation	847,000	0	0	0	0	0	0	0	0	0	847,000
201913	Tapia Effluent Pump Station Rehabilitation	0	5,522,500	0	0	0	0	0	0	0	0	5,522,500
201916	Tapia Control Building Improvements	0	841,380	0	0	0	0	0	0	0	0	841,380
201966	TAPIA ALUMINUM SULFATE TANK REPLACEMENT	816,000	396,000	0	0	0	0	0	0	0	0	1,212,000
201967	Rancho Control Building HVAC Replacement	330,000	0	0	0	0	0	0	0	0	0	330,000
60030	Grit Chamber Mixing System Replacement	0	198,000	0	0	0	0	0	0	0	0	198,000
60032	Pavement Restoration Tapia	0	0	432,000	0	0	0	0	0	0	0	432,000
	SUB-TOTAL TAPIA	\$3,543,000	\$11,206,880	\$4,410,000	\$1,442,000	\$1,665,000	\$0	\$0	\$0	\$0	\$0	\$22,266,880
WOOLSEY FIRE - REIMBURSEMENTS												
201930	Rancho Fire Repair - Woolsey Fire - Reimbursement	-147,070	0	0	0	0	0	0	0	0	0	-147,070
201933	JPA Facility Facilities Repair - Woolsey Fire - Reimbursement	-80,000	0	0	0	0	0	0	0	0	0	-80,000
	SUB-TOTAL WOOLSEY FIRE - REIMBURSEMENTS	-\$227,070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$227,070
201985	UNFUND - Rancho Valving In Street (#10754)	-396,000	0	0	0	0	0	0	0	0	0	-396,000
	SUB-TOTAL	-\$396,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$396,000

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

Projects by Location

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
TOTAL ALL PROJECTS		\$8,222,280	\$13,712,980	\$6,123,800	\$3,866,200	\$3,513,320	\$2,491,000	\$1,952,000	\$1,952,000	\$1,952,000	\$1,952,000	\$45,737,580

Section 3

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Pure Water Project (PWP)

The Las Virgenes-Triunfo Joint Powers Authority (JPA) was established to cooperatively treat wastewater for these two bordering areas that share the Malibu Creek watershed at the Tapia Water Reclamation Facility (TWRF). Since 1965, the recycled water produced by the TWRF has been used for irrigation during summer months; however, surplus recycled water is discharged to Malibu Creek in winter months.

The Pure Water Project Las Virgenes Triunfo takes surplus recycled water from the TWRF – which has already been treated in a multi-phase process, including filtration and disinfection – and will deliver it to a new, state-of-the-art Advanced Water Purification Facility (AWPF). The AWPF uses membrane filtration, reverse osmosis, and ultraviolet light with advanced oxidation to purify the recycled water to meet or exceed drinking water standards set by the State of California.

That purified water will then be delivered to the Las Virgenes Reservoir, where it will be blended with water imported from Northern California, where all of our water currently originates. Pure Water Project Las Virgenes-Triunfo is indirect potable reuse as it uses the Las Virgenes Reservoir as an “environmental buffer” before the water is cleaned a final time at the Westlake Filtration Plant. The project is expected to be completed by the year 2029.

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Pure Water Project

Job Number: 10635 Responsible Division: Pure Water FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Maximum Reuse and Resource Recovery

Key Standard:

Maximize Beneficial Use of Recycled Water

Scope of Work:

This project funds preliminary studies, outreach, CEQA analysis, preliminary design and final design.

The 2018 project cost estimate (\$121M) was updated using an annual inflationary factor of 3%.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$1,920,367	\$554,327	\$712,706	\$712,706	\$712,706	\$4,612,812	
Land Acquisition							
Design	\$452,198	\$3,650,156	\$6,391,552	\$3,687,094	\$493,500	\$14,674,500	
Bidding							
Construction	\$1,572,884	\$7,864,418	\$12,583,070	\$37,870,147	\$88,240,075	\$148,130,593	
Labor and G&A Expense	\$1,182,138	\$1,182,138	\$1,182,138	\$1,182,138	\$1,182,138	\$5,910,691	
TOTALS	\$5,127,587	\$13,251,040	\$20,869,466	\$43,452,085	\$90,628,419	\$173,328,596	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning	\$712,706					\$712,706	
Land Acquisition							
Design							
Bidding							
Construction	\$65,488,266	\$8,826,804				\$74,315,070	
Labor and G&A Expense	\$704,775	\$68,291				\$773,066	
TOTALS	\$66,905,747	\$8,895,094	\$0	\$0	\$0	\$75,800,842	\$249,129,438

Appropriations & Expenditures:

Approved Appropriation:	\$12,473,632
Project Actual Expense (10/12/2021):	\$1,706,010
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$5,361,565
Total Project Through 6/30/2022:	\$7,067,575
Anticipated Carryover:	\$5,406,057
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$256,197,013
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Basis for Project Cost Estimate:

- Title XVI Study: \$121M project cost assuming site on Agoura Road (not including \$2.1M for land).
- \$150K in grant revenue received FY18-19 from Bureau of Reclamation for Tile XVI Study.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

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Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

JPA Partner Cost Share

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	10-Year Total
P/W Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
P/W Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Replacement	\$3,620,076	\$9,355,234	\$14,733,843	\$30,677,172	\$63,983,664	\$47,235,458	\$6,279,937	\$0	\$0	\$0	\$175,885,383
RW Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RW Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LVMWD Share	\$3,620,076	\$9,355,234	\$14,733,843	\$30,677,172	\$63,983,664	\$47,235,458	\$6,279,937	\$0	\$0	\$0	\$175,885,383

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	10-Year Total
Sanitation Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Replacement	\$1,507,510	\$3,895,806	\$6,135,623	\$12,774,913	\$26,644,755	\$19,670,290	\$2,615,158	\$0	\$0	\$0	\$73,244,055
RW Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RW Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TWSD Share	\$1,507,510	\$3,895,806	\$6,135,623	\$12,774,913	\$26,644,755	\$19,670,290	\$2,615,158	\$0	\$0	\$0	\$73,244,055
Total Costs	\$5,127,587	\$13,251,040	\$20,869,466	\$43,452,085	\$90,628,419	\$66,905,747	\$8,895,094	\$0	\$0	\$0	\$249,129,438

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Section 4

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SCADA System Communication Upgrades

99906

Job Number: 10520 Responsible Division: Information Technology FY Originated: FY12-13	Priority: 2 Program: No Project Status: Ongoing
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:

Migration of the existing communication system from a serial radio network to an Ethernet based radio network. Provide redundant data paths for uninterrupted communication. Eliminate need to rely on telephone company equipment.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning		\$50,000	\$50,000	\$50,000	\$50,000	\$200,000	
Land Acquisition							
Design							
Bidding							
Construction	\$18,750	\$450,000	\$200,000	\$200,000	\$200,000	\$1,068,750	
Labor and G&A Expense	\$6,000	\$144,000	\$64,000	\$64,000	\$64,000	\$342,000	
TOTALS	\$24,750	\$644,000	\$314,000	\$314,000	\$314,000	\$1,610,750	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$320,000	
TOTALS	\$314,000	\$314,000	\$314,000	\$314,000	\$314,000	\$1,570,000	\$3,180,750

Appropriations & Expenditures:

Approved Appropriation:	\$93,100
Project Actual Expense (10/12/2021):	\$32,447
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$32,447
Anticipated Carryover:	\$60,653
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$3,213,197
--

Basis for Project Cost Estimate:

Estimate is based on the initial bid results received and includes contingency for added sites.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Las Virgenes Storm Water Diversion Structure Replacement

Job Number: 10668 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Meet or Exceed Environmental Regulations

Scope of Work:

Replacement of two storm water diversion structures at the Rancho Las Virgenes Composting Facility. Structures have lifted and need to be addressed.

The drainage from the V-ditch goes to a discharge point in Las Virgenes Creek. There is a concern that sludge and/or reclaimed water entering into the V-ditch could enter the creek via the drainage from the V-ditch. An Open/Close valve should be installed at the drainage area so that operators control the contents of the V-ditch. A sump pump system with discharge piping should also be included so that the contents can be pumped either to the field of offsite.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning		\$100				\$100	
Land Acquisition							
Design		\$20,000				\$20,000	
Bidding							
Construction		\$115,000				\$115,000	
Labor and G&A Expense		\$36,800				\$36,800	
TOTALS	\$0	\$171,900	\$0	\$0	\$0	\$171,900	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$171,900

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Actual Expense (10/12/2021):	\$3,746
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$3,746
Anticipated Carryover:	-\$3,746
FY 22-23 Appropriation Request:	\$3,746

TOTAL ESTIMATED PROJECT COST: \$175,646
--

Basis for Project Cost Estimate:

Engineer's estimate, 2019.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement 100.0%	RW Replacement	TSD 29%

Pavement Restoration Rancho

60033

<p>Job Number: 10693 Responsible Division: Water Reclamation FY Originated: FY 16-17</p>	<p>Priority: 3 Program: No Project Status: Proposed</p>
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Pavement restoration/slurry seal at Rancho. This project needs to occur after project No.'s 10668 (Storm water Structure Repair) and 201862 (Rancho Valving Repairs).

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design	\$10,000					\$10,000	
Bidding	\$1,000					\$1,000	
Construction	\$400,000					\$400,000	
Labor and G&A Expense	\$128,000					\$128,000	
TOTALS	\$539,000	\$0	\$0	\$0	\$0	\$539,000	\$539,000

Appropriations & Expenditures:

Approved Appropriation:	\$533,320
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$533,320
FY 22-23 Appropriation Request:	\$0

<p>TOTAL ESTIMATED PROJECT COST: \$539,000</p>

Basis for Project Cost Estimate:

Staff estimate.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Effluent Pump Station 4160 Volt Feeder Relocation

201808

Job Number: 10702 Responsible Division: Electrical / Instrumentation FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Safe and Reliable Wastewater Services

Scope of Work:

Remove or abandon in place existing 4160 volt feeders currently suspended from the top slab of the Effluent Pump Station wet well, underneath the existing MCCs. Perform electrical design and replace the overhead 4160 volt feeders. Ensure coordination with 480 volt switch gear improvements.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$150,000					\$150,000	
Labor and G&A Expense	\$15,000					\$15,000	
TOTALS	\$165,000	\$0	\$0	\$0	\$0	\$165,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$165,000

Appropriations & Expenditures:

Approved Appropriation:	\$496,000
Project Actual Expense (10/12/2021):	\$11,839
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$5,619
Total Project Through 6/30/2022:	\$17,458
Anticipated Carryover:	\$478,542
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$182,458
--

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement 100.0%	RW Replacement	TSD 29%

Tapia Tertiary Filter Rehabilitation

201810

Job Number: 10703 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Safe and Reliable Wastewater Services

Scope of Work:

Tertiary Filters concrete rehabilitation. Approximately 25 locations that require a 1 square foot patching with rebar repair. Replace 45 metal plates (2' X 4') on the filter deck and fix concrete around the plates with proper joint sealer. Also include the repair of an electrical panel in the Filter gallery. Replace existing electric actuators at filter structure with new electric actuators. Program plant control system to function with both remote PLC control of actuators and local actuator control. Upgrade local controls to replace old filter annunciator panels which are currently located on the top deck of the filter structure.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning		\$50,000				\$50,000	
Land Acquisition							
Design							
Bidding							
Construction			\$300,000			\$300,000	
Labor and G&A Expense			\$96,000			\$96,000	
TOTALS	\$0	\$50,000	\$396,000	\$0	\$0	\$446,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$446,000

Appropriations & Expenditures:

Approved Appropriation:	\$60,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$60,000
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$446,000
--

Basis for Project Cost Estimate:

Cost estimate based on 2018 KEH report.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Reliability Improvement - FY25-32

201839

Job Number: 10711 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace or rehabilitate facilities and equipment at the Rancho facility based on failure, beyond useful life, or obsolescence. Specific projects are identified for each fiscal year.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$100,000	\$100,000	\$100,000	\$300,000	
Labor and G&A Expense			\$32,000	\$32,000	\$32,000	\$96,000	
TOTALS	\$0	\$0	\$132,000	\$132,000	\$132,000	\$396,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	
Labor and G&A Expense	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000	
TOTALS	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$660,000	\$1,056,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

\$1,056,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Multi Site Security Assessment and Improvement - JPA

201866

Job Number: 10724 Responsible Division: Information Technology FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:

Security assessment of various District sites and facilities. This will include access control and security camera installations and improvements.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$30,000					\$30,000	
Land Acquisition							
Design	\$60,000					\$60,000	
Bidding	\$15,000					\$15,000	
Construction		\$260,000	\$240,000	\$260,000	\$108,000	\$868,000	
Labor and G&A Expense		\$83,200	\$76,800	\$83,200	\$34,560	\$277,760	
TOTALS	\$105,000	\$343,200	\$316,800	\$343,200	\$142,560	\$1,250,760	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,250,760

Appropriations & Expenditures:

Approved Appropriation:	\$90,420
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$90,420
FY 22-23 Appropriation Request:	\$14,580

TOTAL ESTIMATED PROJECT COST: \$1,250,760
--

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement 100.0%	RW Replacement	TSD 29%

Tapia Flow Equalization - Design/Construct

201904

Job Number: 10737 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Maximum Reuse and Resource Recovery

Key Standard:

Maximize Beneficial Use of Recycled Water

Scope of Work:

This project consists of the development of a preliminary design report to evaluate the storage and conveyance of Tapia primary effluent to help store and equalize the diurnal peak flows that Tapia sees between dry and wet weather events. This maximizes effluent available for the AWT and also improves and provides consistent water quality for the feed water to the AWT.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$450,000					\$450,000	
Bidding							
Construction		\$3,000,000	\$3,000,000			\$6,000,000	
Labor and G&A Expense		\$330,000	\$330,000			\$660,000	
TOTALS	\$450,000	\$3,330,000	\$3,330,000	\$0	\$0	\$7,110,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$7,110,000

Appropriations & Expenditures:

Approved Appropriation:	\$350,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$350,000
FY 22-23 Appropriation Request:	\$100,000

TOTAL ESTIMATED PROJECT COST: \$7,110,000
--

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Concrete Corrosion/Crack Repair - Tapia

201912

Job Number: 10741 Responsible Division: Facilities & Operations FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Repair failing concrete at the Tapia Water Reclamation Facility.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$50,000					\$50,000	
Bidding							
Construction		\$200,000				\$200,000	
Labor and G&A Expense		\$64,000				\$64,000	
TOTALS	\$50,000	\$264,000	\$0	\$0	\$0	\$314,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$314,000

Appropriations & Expenditures:

Approved Appropriation:	\$132,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$132,000
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$314,000
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD 29%
	100.0%		

Fire Hardening - JPA Facilities - FY22-23 & FY23-24

201915

Job Number: 10743 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Fire hardening strategy for JPA facilities includes preventative measures and protection systems for both internal and external sources of fire. Potential facility improvements include: 1) Employing advanced detectors and utilizing a plant fire safety systems; and 2) evaluation and, if feasible, installation of a perimeter fire defense system. Fire Hardening also includes creating larger defensible space around critical structures and providing wider access roads and preventative improvements to facilities.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000				\$400,000	
Labor and G&A Expense	\$64,000	\$64,000				\$128,000	
TOTALS	\$264,000	\$264,000	\$0	\$0	\$0	\$528,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$528,000

Appropriations & Expenditures:

Approved Appropriation:	\$528,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$528,000
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$528,000
--

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD 29%
	100.0%		

003 Discharge Point Rehabilitation

201918

Job Number: 10745 Responsible Division: Water Reclamation FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Evaluate and repair failed 003 Discharge point pipeline (into Malibu Creek). The proposed work includes environmental documents and construction of needed to rehabilitate the discharge point. The pipeline will be used to supply potable supplement to the Malibu Creek during low flow periods.

Approximately one (1) mile of pipeline needs to be inspected.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$500,000	\$500,000				\$1,000,000	
Labor and G&A Expense	\$55,000	\$55,000				\$110,000	
TOTALS	\$555,000	\$555,000	\$0	\$0	\$0	\$1,110,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,110,000

Appropriations & Expenditures:

Approved Appropriation:	\$669,300
Project Actual Expense (10/12/2021):	\$8,791
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$64,160
Total Project Through 6/30/2022:	\$72,951
Anticipated Carryover:	\$596,349
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$1,182,951
--

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement 100.0%	RW Replacement	TSD 29%

New RAS Wet Well and Pumps

60031

Job Number: 10747 Responsible Division: Facilities & Operations FY Originated: FY 16-17	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace RAS wet well and pumps to increase pumping capacity and reliability.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design			\$120,000			\$120,000	
Bidding				\$10,000		\$10,000	
Construction				\$1,200,000		\$1,200,000	
Labor and G&A Expense				\$132,000		\$132,000	
TOTALS	\$0	\$0	\$120,000	\$1,342,000	\$0	\$1,462,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,462,000

Appropriations & Expenditures:

Approved Appropriation:	\$120,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$120,000
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$1,462,000
--

Basis for Project Cost Estimate:

Cost estimate based upon 2018 KEH report.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Centrate Tank Inspection and Rehabilitation Assessment

70019

Job Number: 10748 Responsible Division: Facilities & Operations FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Tank inspection and recommendations for rehabilitation.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000					\$100,000	
Labor and G&A Expense	\$32,000					\$32,000	
TOTALS	\$132,000	\$0	\$0	\$0	\$0	\$132,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$132,000

Appropriations & Expenditures:

Approved Appropriation:	\$10,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$10,000
FY 22-23 Appropriation Request:	\$122,000

TOTAL ESTIMATED PROJECT COST: \$132,000
--

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement 100.0%	RW Replacement	TSD 29%

Tapia Influent Pump Replacement

201854

Job Number: 10749 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replacement of two (2) influent pumps with dry pit submersible pumps. Dry pit submersible pumps will improve staff's ability to maintain and improve staff safety when performing maintenance.

This project was identified in the 2017 Carollo study.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning				\$100,000		\$100,000	
Land Acquisition							
Design							
Bidding							
Construction					\$1,500,000	\$1,500,000	
Labor and G&A Expense					\$165,000	\$165,000	
TOTALS	\$0	\$0	\$0	\$100,000	\$1,665,000	\$1,765,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,765,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$0
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$1,765,000
--

Basis for Project Cost Estimate:

Maintenance estimate pending Technical Services review.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Sludge Wet Well Re-circulation Piping Replacement

201860

Job Number: 10752 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

The re-circulation (mixing) piping at the Tapia sludge wet wells is corroded and develops leaks. This project replaces this piping.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design		\$50,000				\$50,000	
Bidding							
Construction			\$100,000			\$100,000	
Labor and G&A Expense			\$32,000			\$32,000	
TOTALS	\$0	\$50,000	\$132,000	\$0	\$0	\$182,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$182,000

Appropriations & Expenditures:

Approved Appropriation:	\$62,800
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$62,800
FY 22-23 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$182,000
--

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement 100.0%	RW Replacement	TSD 29%

Tapia Air Line Repair

201861

Job Number: 10753 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

The air line which conveys compressed air to the treatment process has leaks which not only allow air to escape, but also allow contaminants to enter into the pipeline and potentially the air diffusers. A large portion of this line was repaired, however a section of the pipeline was not addressed. This section needs to be addressed to stop leakage and protect the diffuser membranes.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$250,000					\$250,000	
Labor and G&A Expense	\$80,000					\$80,000	
TOTALS	\$330,000	\$0	\$0	\$0	\$0	\$330,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$330,000

Appropriations & Expenditures:

Approved Appropriation:	\$50,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$50,000
FY 22-23 Appropriation Request:	\$280,000

TOTAL ESTIMATED PROJECT COST: \$330,000
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Valving In Street Replacement

201862

Job Number: 10754 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace the broken or damaged R.E.W. and Potable Water valving throughout the facility.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$300,000					\$300,000	
Labor and G&A Expense	\$96,000					\$96,000	
TOTALS	\$396,000	\$0	\$0	\$0	\$0	\$396,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$396,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$0
FY 22-23 Appropriation Request:	\$396,000

TOTAL ESTIMATED PROJECT COST: \$396,000
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Secondary Clarifier Rehabilitation

Job Number: 201858 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Repair the secondary clarifiers. The current launders are leaking and need to have the wall seal repaired. Replacement on the inlet diffusers and skimming tubes is also necessary as they are corroded and leaking. Re-caulking the expansion joints and structural repairs to catwalks are needed as they are separating from the wall.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$70,000					\$70,000	
Land Acquisition							
Design							
Bidding							
Construction	\$700,000					\$700,000	
Labor and G&A Expense	\$77,000					\$77,000	
TOTALS	\$847,000	\$0	\$0	\$0	\$0	\$847,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$847,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$0
FY 22-23 Appropriation Request:	\$847,000

TOTAL ESTIMATED PROJECT COST: \$847,000
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement 100.0%	RW Replacement	TSD 29%

Tapia Effluent Pump Station Rehabilitation

Job Number: 201913 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Increase reliability and safety of electrical feed as well as upgrade motor starting capabilities and pumps.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design		\$250,000				\$250,000	
Bidding							
Construction		\$4,750,000				\$4,750,000	
Labor and G&A Expense		\$522,500				\$522,500	
TOTALS	\$0	\$5,522,500	\$0	\$0	\$0	\$5,522,500	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$5,522,500

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: \$5,522,500
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Control Building Improvements

Job Number: 201916 Responsible Division: Water Reclamation FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

The control building at Tapia is aging is in need of significant repairs, remodeling and other improvements.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$758,000				\$758,000	
Labor and G&A Expense		\$83,380				\$83,380	
TOTALS	\$0	\$841,380	\$0	\$0	\$0	\$841,380	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$841,380

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

\$841,380

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Fire Repair - Woolsey Fire - Reimbursement

Job Number: 201930 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Anticipated reimbursement for IIP project number 201930.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense	-\$147,070					-\$147,070	
TOTALS	-\$147,070	\$0	\$0	\$0	\$0	-\$147,070	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$147,070

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

-\$147,070

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

JPA Facility Facilities Repair - Woolsey Fire - Reimbursement

Job Number: 201933 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Anticipated reimbursement for IIP project number 201933.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense	-\$80,000					-\$80,000	
TOTALS	-\$80,000	\$0	\$0	\$0	\$0	-\$80,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$80,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

-\$80,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Water Reclamation Facility Improvements - FY25-32

Job Number: 201938 Responsible Division: Facilities & Operations FY Originated: FY 22-23	Priority: Program: Yes Project Status:
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace or rehabilitate facilities and equipment at the Tapia Water Reclamation facility based on failure, end of useful life, or obsolescence. Specific projects are identified for each fiscal year.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$100,000	\$100,000	\$100,000	\$300,000	
Labor and G&A Expense			\$32,000	\$32,000	\$32,000	\$96,000	
TOTALS	\$0	\$0	\$132,000	\$132,000	\$132,000	\$396,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	
Labor and G&A Expense	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000	
TOTALS	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$660,000	\$1,056,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

\$1,056,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

JPA Condition Assessment and Rehab Planning

Job Number: 201951 Responsible Division: Electrical / Instrumentation FY Originated: FY 21-22	Priority: 1 Program: No Project Status:
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Hire engineering firm to assess all electrical systems and make recommendations on necessary rehab or replacement of switch gear, VFD's, transformers, switching, etc...

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$100,000					\$100,000	
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$100,000	\$0	\$0	\$0	\$0	\$100,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$100,000

TOTAL ESTIMATED PROJECT COST: \$100,000
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Centrifuge Controls Upgrade

Job Number: 201952 Responsible Division: Facilities Maintenance FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Upgrade controls to improve electrical cost and better product.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$120,000					\$120,000	
Labor and G&A Expense	\$38,400					\$38,400	
TOTALS	\$158,400	\$0	\$0	\$0	\$0	\$158,400	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$158,400

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$158,400

TOTAL ESTIMATED PROJECT COST: \$158,400
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Reliability Improvements - FY22-23 & FY23-24

Job Number: 201955 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace or rehabilitate facilities and equipment at the Rancho facility based on failure, beyond useful life, or obsolescence. Specific projects are identified for each fiscal year.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000				\$200,000	
Labor and G&A Expense	\$32,000	\$32,000				\$64,000	
TOTALS	\$132,000	\$132,000	\$0	\$0	\$0	\$264,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$264,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$132,000

TOTAL ESTIMATED

PROJECT COST:

\$264,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Fire Hardening - JPA Facilities - FY5-32-32

Job Number: 201959 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 3 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Fire hardening strategy for JPA facilities includes preventative measures and protection systems for both internal and external sources of fire. Potential facility improvements include: 1) Employing advanced detectors and utilizing a plant fire safety systems; and 2) evaluation and, if feasible, installation of a perimeter fire defense system. Fire Hardening also includes creating larger defensible space around critical structures and providing wider access roads and preventative improvements to facilities.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$200,000			\$200,000	
Labor and G&A Expense			\$64,000			\$64,000	
TOTALS	\$0	\$0	\$264,000	\$0	\$0	\$264,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$320,000	
TOTALS	\$264,000	\$264,000	\$264,000	\$264,000	\$264,000	\$1,320,000	\$1,584,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

\$1,584,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
	100.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
			29%

Tapia Water Reclamation Facility Improvements - FY22-23 & FY23-24

Job Number: 201965 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace or rehabilitate facilities and equipment at the Tapia Water Reclamation facility based on failure, end of useful life, or obsolescence. Specific projects are identified for each fiscal year.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000				\$200,000	
Labor and G&A Expense	\$32,000	\$32,000				\$64,000	
TOTALS	\$132,000	\$132,000	\$0	\$0	\$0	\$264,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$264,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$132,000

TOTAL ESTIMATED

PROJECT COST:

\$264,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

TAPIA ALUMINUM SULFATE TANK REPLACEMENT

Job Number: 201966 Responsible Division: Water Reclamation FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace aging sodium bisulfite tank that is leaking. Project includes feed pump and delivery pipeline.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$150,000					\$150,000	
Bidding							
Construction	\$600,000	\$300,000				\$900,000	
Labor and G&A Expense	\$66,000	\$96,000				\$162,000	
TOTALS	\$816,000	\$396,000	\$0	\$0	\$0	\$1,212,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,212,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$816,000

TOTAL ESTIMATED

PROJECT COST:

\$1,212,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Control Building HVAC Replacement

Job Number: 201967 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace HVAC at Rancho Control Building. Has reached end of useful life and is not feasible to replace existing unit.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$250,000					\$250,000	
Labor and G&A Expense	\$80,000					\$80,000	
TOTALS	\$330,000	\$0	\$0	\$0	\$0	\$330,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$330,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$330,000

TOTAL ESTIMATED

PROJECT COST:

\$330,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Malibou Lake Siphon Project

Job Number: 201968 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Meet or Exceed Environmental Regulations

Scope of Work:

Repair Malibou Lake Siphon to address inflow and infiltration at the site.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding	\$5,000					\$5,000	
Construction	\$1,200,000					\$1,200,000	
Labor and G&A Expense	\$132,000					\$132,000	
TOTALS	\$1,337,000	\$0	\$0	\$0	\$0	\$1,337,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,337,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$1,337,000

TOTAL ESTIMATED

PROJECT COST:

\$1,337,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Las Virgenes - New Flare

Job Number: 201969 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Meet or Exceed Environmental Regulations

Scope of Work:

Design and install a new larger flare that can handle all of the digester gas flow (over 100 scfm). The current flare, which has a limited capacity of 75 scfm will remain in place to provide redundancy. The current flare does not have the capacity to dispose of all of the digester gas.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$150,000					\$150,000	
Bidding							
Construction		\$500,000				\$500,000	
Labor and G&A Expense		\$55,000				\$55,000	
TOTALS	\$150,000	\$555,000	\$0	\$0	\$0	\$705,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$705,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$150,000

TOTAL ESTIMATED PROJECT COST: \$705,000
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Trunk Sewer System Improvements - Out Years

Job Number: 201972 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Maintain and repair trunk sewer system (pairs with 10756).

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$500,000	\$500,000	\$500,000	\$1,500,000	
Labor and G&A Expense			\$55,000	\$55,000	\$55,000	\$165,000	
TOTALS	\$0	\$0	\$555,000	\$555,000	\$555,000	\$1,665,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	
Labor and G&A Expense	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$550,000	
TOTALS	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$5,550,000	\$7,215,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

\$7,215,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Recycled Water Pump Station Battery Energy Storage System (BESS)

Job Number: 201974 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:

Development and installation of a 2,682 kilowatt-hour battery storage system at the Recycled Water Pumping Station (RWPS). The anticipated \$1.38 million capital investment will be mostly offset by SGIP funding in the amount of \$1.17 million.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,245,000					\$1,245,000	
Labor and G&A Expense	\$136,950					\$136,950	
TOTALS	\$1,381,950	\$0	\$0	\$0	\$0	\$1,381,950	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,381,950

Appropriations & Expenditures:

Approved Appropriation:
 Project Actual Expense (10/12/2021):
 Encumbrances and Expense - 10/12/2021 - 6/30/2022):
 Total Project Through 6/30/2022:
 Anticipated Carryover:

TOTAL ESTIMATED PROJECT COST: \$1,381,950
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FY 22-23 Appropriation Request: \$1,381,950

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation 100.0%	LVMWD 71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD 29%

OFFSET OF IIP #201974 - RWPS Battery Energy Storage System

Job Number: 201975 Responsible Division: FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

SGIP funding to offset

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense	-\$1,170,000					-\$1,170,000	
TOTALS	-\$1,170,000	\$0	\$0	\$0	\$0	-\$1,170,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$1,170,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

-\$1,170,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation 100.0%	LVMWD 71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD 29%

Indian Hills

Job Number: 201976 Responsible Division: Technical Services FY Originated: FY21-22	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Indian Hills RW Tank Rehabilitation.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design				\$60,000		\$60,000	
Bidding							
Construction				\$800,000	\$516,000	\$1,316,000	
Labor and G&A Expense				\$88,000	\$56,760	\$144,760	
TOTALS	\$0	\$0	\$0	\$948,000	\$572,760	\$1,520,760	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,520,760

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: \$1,520,760
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD 71%
P/W Replacement	Sanitation Replacement	RW Replacement 100.0%	TSD 29%

UNFUND - Rancho Valving In Street (#10754)

Job Number: 201985 Responsible Division: FY Originated: FY 21-22	Priority: Program: Project Status:
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Business Value:

Key Standard:

Scope of Work:

*** UNFUND

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$300,000					-\$300,000	
Labor and G&A Expense	-\$96,000					-\$96,000	
TOTALS	-\$396,000	\$0	\$0	\$0	\$0	-\$396,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$396,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: -\$396,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Grit Chamber Mixing System Replacement

Job Number: 60030 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace grit chamber mixing system with a more efficient mixing system.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$150,000				\$150,000	
Labor and G&A Expense		\$48,000				\$48,000	
TOTALS	\$0	\$198,000	\$0	\$0	\$0	\$198,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$198,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

\$0

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

\$0

Total Project Through 6/30/2022:

\$0

Anticipated Carryover:

\$0

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

\$198,000

Basis for Project Cost Estimate:

Cost estimate based upon 2018 KEH report.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Pavement Restoration Tapia

Job Number: 60032 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Key Standard:

Scope of Work:

Pavement restoration/slurry seal at Tapia.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding			\$3,000			\$3,000	
Construction			\$325,000			\$325,000	
Labor and G&A Expense			\$104,000			\$104,000	
TOTALS	\$0	\$0	\$432,000	\$0	\$0	\$432,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$432,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

\$0

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

\$0

Total Project Through 6/30/2022:

\$0

Anticipated Carryover:

\$0

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: \$432,000
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Basis for Project Cost Estimate:

Staff estimate.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho: Replace Agitators

Job Number: 80748 Responsible Division: Facilities & Operations FY Originated: FY10-11	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Purchase new compost agitators to replace the existing ones.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,175,000					\$1,175,000	
Labor and G&A Expense	\$129,250					\$129,250	
TOTALS	\$1,304,250	\$0	\$0	\$0	\$0	\$1,304,250	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,304,250

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$1,304,250

TOTAL ESTIMATED

PROJECT COST:

\$1,304,250

Basis for Project Cost Estimate:

Staff estimate based on previous purchases.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
0.0%	0.0%	0.0%	71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
0.0%	100.0%	0.0%	29%

Rancho Las Virgenes SCADA Improvements

Job Number: 99909 Responsible Division: Information Technology FY Originated: FY12-13	Priority: 2 Program: No Project Status: Complete
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Upgrade Process Control and Instrumentation System (PCIS) at Rancho. Rancho's PLC and HMI systems are inconsistent with the current District Standards for Operational Technology.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$50,000					\$50,000	
Land Acquisition							
Design	\$200,000					\$200,000	
Bidding	\$50,000					\$50,000	
Construction	\$500,000	\$200,000				\$700,000	
Labor and G&A Expense	\$55,000	\$64,000				\$119,000	
TOTALS	\$855,000	\$264,000	\$0	\$0	\$0	\$1,119,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,119,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$855,000

TOTAL ESTIMATED PROJECT COST: \$1,119,000
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Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%