



SCV
WATER

ENGINEERING AND OPERATIONS COMMITTEE MEETING

Thursday, July 6, 2023
Meeting Begins at 5:30 PM

Members of the public may attend by the following options:

In Person

Santa Clarita Valley Water Agency
Engineering Services Section
Boardroom
26521 Summit Circle
Santa Clarita, CA 91350

By Phone

Toll Free:
1-(833)-568-8864
Webinar ID: 160 722 1386

Virtually

Please join the meeting from your
computer, tablet or smartphone:
<https://scvwa.zoomgov.com/j/1607221386>

Have a Public Comment?

Members of the public unable to attend this meeting may submit comments either in writing to eadler@scvwa.org or by mail to Elizabeth Adler, Executive Assistant, Santa Clarita Valley Water Agency, 26521 Summit Circle, Santa Clarita, CA 91350. All written comments received before 4:00 PM the day of the meeting will be distributed to the Committee members and posted on the Santa Clarita Valley Water Agency website prior to the start of the meeting. Anything received after 4:00 PM the day of the meeting will be made available at the meeting, if practicable, and will be posted on the SCV Water website the following day. All correspondence with comments, including letters or emails, will be posted in their entirety.
(Public comments take place during Item 2 of the Agenda and before each Item is considered. Please see the Agenda for details.)

This meeting will be recorded and the audio recording for all Committee meetings will be posted to yourscvwater.com within 3 business days from the date of the Committee meeting.

Disclaimer: Attendees should be aware that while the Agency is following all applicable requirements and guidelines regarding COVID-19, the Agency cannot ensure the health of anyone attending a Board meeting. Attendees should therefore use their own judgment with respect to protecting themselves from exposure to COVID-19.

[This page intentionally left blank.]



Date: June 28, 2023

To: **Engineering and Operations Committee**
William Cooper, Chair
Gary Martin
Piotr Orzechowski
Kenneth Petersen

From: Courtney Mael, Chief Engineer *CM*
Keith Abercrombie, Chief Operating Officer *KA*

The **Engineering and Operations Committee** meeting is scheduled on **Thursday, July 6, 2023 at 5:30 PM at 26521 Summit Circle, Santa Clarita, CA 91350 in the Engineering Services Section (ESS) Boardroom**. Members of the public may attend in person or virtually. To attend this meeting virtually, please see below.

IMPORTANT NOTICES

This meeting will be conducted in person at the address listed above. As a convenience to the public, members of the public may also participate virtually by using the **Agency's Call-In Number 1-(833)-568-8864, Webinar ID: 160 722 1386 Zoom Webinar by clicking on the link <https://scvwa.zoomgov.com/j/1607221386>**. Any member of the public may listen to the meeting or make comments to the Committee using the call-in number or Zoom Webinar link above. However, in the event there is a disruption of service which prevents the Agency from broadcasting the meeting to members of the public using either the call-in option or internet-based service, this meeting will not be postponed or rescheduled but will continue without remote participation. The remote participation option is being provided as a convenience to the public and is not required. Members of the public are welcome to attend the meeting in person.

Attendees should be aware that while the Agency is following all applicable requirements and guidelines regarding COVID-19, the Agency cannot ensure the health of anyone attending a Committee meeting. Attendees should therefore use their own judgment with respect to protecting themselves from exposure to COVID-19.

Members of the public unable to attend this meeting may submit comments either in writing to eadler@scvwa.org or by mail to Elizabeth Adler, Executive Assistant, Santa Clarita Valley Water Agency, 26521 Summit Circle, Santa Clarita, CA 91350. All written comments received before 4:00 PM the day of the meeting will be distributed to the Committee members and posted on the Santa Clarita Valley Water Agency website prior to the start of the meeting. Anything received after 4:00 PM the day of the meeting, will be made available at the meeting, if practicable, and will be posted on the SCV Water website the following day. All correspondence with comments, including letters or emails, will be posted in their entirety.

MEETING AGENDA

<u>ITEM</u>	<u>PAGE</u>
1. <u>PLEDGE OF ALLEGIANCE</u>	
2. <u>PUBLIC COMMENTS</u> – Members of the public may comment as to items within the subject matter jurisdiction of the Agency that are not on the Agenda at this time. Members of the public wishing to comment on items covered in this Agenda may do so at the time each item is considered. (Comments may, at the discretion of the Committee Chair, be limited to three minutes for each speaker.)	
3. * Recommend Approval to Replace Approximately 650 feet of Pipeline and Associated Appurtenances in Beneda Lane	1
4. * Recommend Approval of Adopting a Resolution Authorizing the Santa Clarita Valley Water Agency's General Manager to Apply for Funding From the State Water Resources Control Board's Expedited Drinking Water Grant Program on Behalf of New Mint Association For Distribution System Consolidation	9
5. * Recommend Approval of Adopting a Resolution Authorizing the General Manager to (1) Approve a Contract Amendment to Pacific Hydrotech Corporation for Additional Change Orders and (2) Execute a Purchase Order Amendment to Lee+Ro, Inc. for Engineering Support During Construction for the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project	25
6. * Recommend Approval of (1) Adopting a Resolution of a Purchase Order to West Yost Associates for Planning Services for the Rio Vista Water Treatment Plant Turbidity Improvements Project, and (2) Finding that the Authorization is Not a Project Subject to CEQA	41
7. * Recommend Approval of Adopting (1) a Resolution for Construction Contract with Fleming Environmental Inc, (2) a Purchase Order to Lee + Ro for Engineering Services During Construction and (3) a Purchase Order to Kennedy Jenks Consultants, Inc for Construction Management and Inspection Services During Construction and (4) Find the Contract Agreement Exempt From CEQA Pursuant to CEQA Guidelines Section 15301, and Alternatively, Exempt from CEQA Under CEQA Guidelines Section 15302	53
8. * Monthly Operations and Production Report	69
9. * Capital Improvement Projects Construction Status Report	79
10. * Committee Planning Calendar	81
11. General Report on Treatment, Distribution, Operations and Maintenance Services Section Activities	

12. General Report on Engineering Services Section Activities
 13. Adjournment
- * Indicates Attachment
 - Indicates Handout

NOTICES:

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Elizabeth Adler, Executive Assistant, at (661) 297-1600, or in writing to Santa Clarita Valley Water Agency at 26521 Summit Circle, Santa Clarita, CA 91350. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that Agency staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the Agency to provide the requested accommodation.

Pursuant to Government Code Section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Committee less than seventy-two (72) hours prior to the meeting will be available for public inspection at the Santa Clarita Valley Water Agency, located at 27234 Bouquet Canyon Road, Santa Clarita, CA 91350, during regular business hours. When practical, these public records will also be made available on the Agency's Internet Website, accessible at <http://www.yourscvwater.com>.

Posted on June 29, 2023.

M65


[This page intentionally left blank.]



COMMITTEE MEMORANDUM

DATE: June 19, 2023

TO: Engineering and Operations Committee

FROM: Keith Abercrombie 
Chief Operating Officer

SUBJECT: Recommend Approval to Replace Approximately 650 feet of Pipeline and Associated Appurtenances in Beneda Lane

SUMMARY

In order to maintain a high level of service, high quality of water, meet existing water demands and fire flow requirements, staff identifies known areas for water infrastructure improvements. Beneda Lane in Canyon Country has been identified as one of these areas. Staff is proposing to replace approximately 650 feet of 2" pipeline with 8" pipeline along with associated appurtenances at a cost of approximately \$215,000.

DISCUSSION

Staff identified Beneda Lane as a location that needed water infrastructure improvements. Currently a 2" galvanized mainline, installed in 1963, is used to serve three (3) homes. While this size pipeline is sufficient to provide enough water to meet the demands of these customers, it is not sufficient to provide enough water to meet fire flow demands, has experienced maintenance issues in the past, and is 60 years old. Therefore, staff is proposing to replace approximately 650 feet of 2" pipeline with 8" pipeline and associated appurtenances. These appurtenances include new 1" services for the homes, an air and vacuum valve, blow off valve and fire hydrant. Staff consulted with the local fire department to determine the best location for the hydrant to be installed.

Design drawings have already been prepared and staff is working with the property owners to obtain the appropriate easements. SCV Water crews will be responsible for completing this project with the exception of the concrete driveway work. The current estimate for the concrete work is less than \$30,000, therefore a formal request for proposal will not be required. Staff will fully comply with the purchasing policy once the project is ready for the concrete work to be completed. The total project cost is estimated to be \$215,000 with internal labor and equipment comprising approximately 30% of the estimated cost.

According to Section 15282(k) of the California Environmental Quality Act, the installation of new pipelines as set forth in Section 21080.21 of the Public Resources Code is considered statutorily exempt as long as the project does not exceed one mile in length. Therefore, a Notice of Exemption for CEQA under Section 15282(k) will be filed for this project.

FINANCIAL CONSIDERATIONS

Funds for this project are included in the Pipeline and Pipeline Improvements Pay Go FY 2023/24 Capital Pipeline Improvement Budget in the amount of \$215,000.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors authorize the General Manager to direct staff to complete this project in an amount not to exceed \$215,000.

M65

July 6, 2023

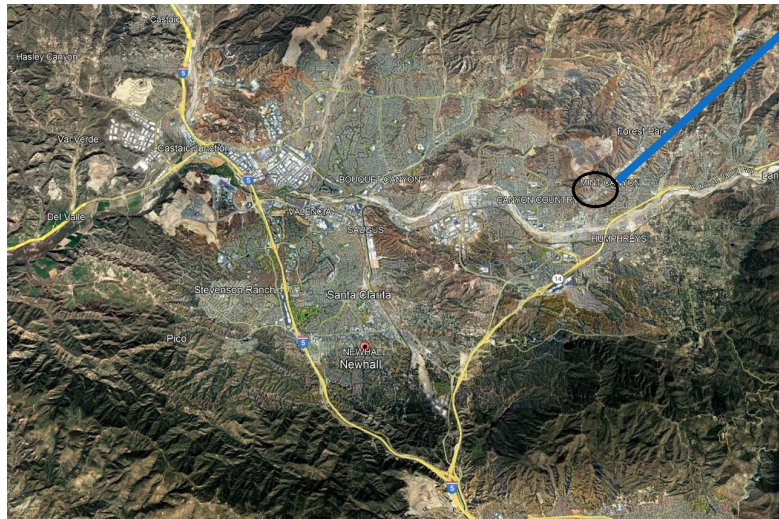


Beneda Lane Pipeline Replacement

Engineering and Operations
Committee Meeting

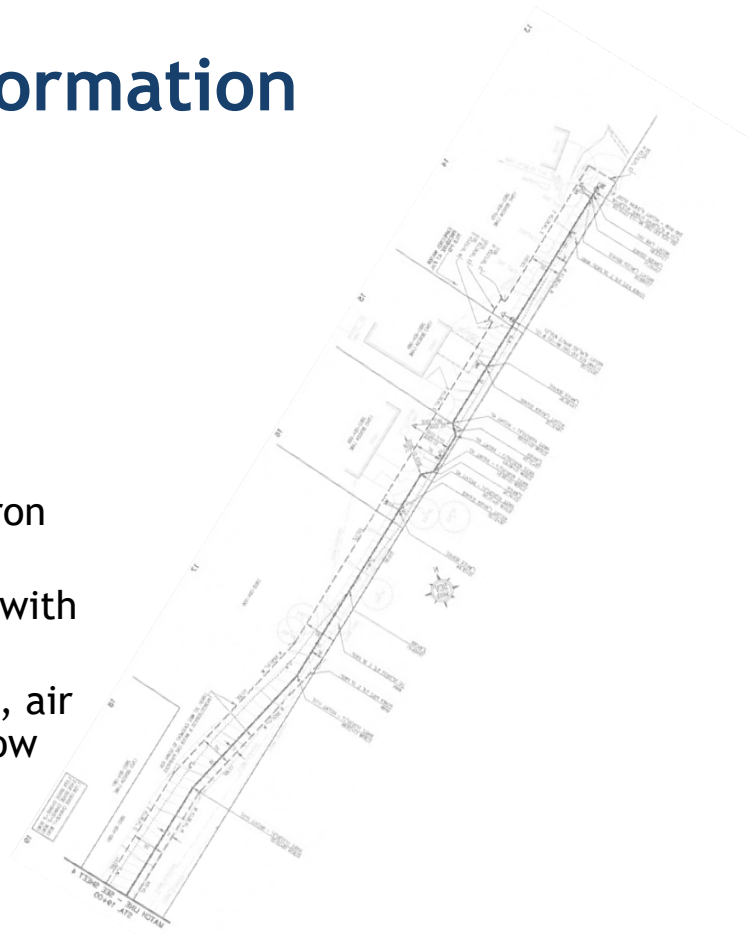
Beneda Lane Location

- North northwest of Sierra Hwy and just below Skyline Ranch Rd
- North Oaks pressure zone



Beneda Lane Pipeline Information

- Current
 - Galvanized 2” pipeline
 - Installed in 1963
 - Serves 3 homes
- Planned
 - Replace with 8” ductile iron pipe
 - Service laterals replaced with 1” municipex
 - Addition of a fire hydrant, air and vacuum valve and blow off



CEQA Exempt

- According to Section 15282(k) of the California Environmental Quality Act, the installation of new pipelines as set forth in Section 21080.21 of the Public Resources Code is considered statutorily exempt as long as the project does not exceed one mile in length. Therefore, a Notice of Exemption for CEQA under Section 15282(k) will be filed for this project.



Financial Considerations

- Funds for this project are included in the Pipeline and Pipeline Improvements CIP Pay Go FY23/24 Budget in the amount of \$215,000.



Recommendation

That the Engineering and Operations Committee recommends that the Board of Directors:

- Authorize the General Manager to direct staff to complete this project in an amount not to exceed \$215,000.





COMMITTEE MEMORANDUM

DATE: June 22, 2023

TO: Engineering and Operations Committee

FROM: Courtney Mael, P.E. *CM*
Chief Engineer

SUBJECT: Recommend Approval of Adopting a Resolution Authorizing the Santa Clarita Valley Water Agency's General Manager to Apply for Funding From the State Water Resources Control Board's Expedited Drinking Water Grant Program on Behalf of New Mint Association For Distribution System Consolidation

SUMMARY

New Mint Association (NMA) is a California nonprofit mutual benefit corporation that receives water from the Santa Clarita Valley Water Agency (Agency) from a 2-inch master meter and distributes at cost to its shareholders, which consist of 70 homeowners. The NMA is located off Sierra Highway at Fitch Avenue and Forrest Street in the northeast portion of the Agency's service area. The NMA water distribution consists of primarily 2-inch steel pipes that were installed in the 1940s and are at risk of failure. The NMA has formally requested (by resolution) that the Agency apply for grant funding from the State Water Resources Control Board (SWRCB) on its behalf to replace the distribution system and consolidate with the Agency. Although NMA receives water from the Agency, the SWRCB has indicated that this project would be eligible for grant funding under a new Expedited Drinking Water Grant (EDWG) Program. The project will meet a SWRCB goal of consolidating small water systems that are not able to comply with public health and safety standards due to lack of resources. The SWRCB has informed the Agency that to apply for a grant from the EDWG Program on behalf of NMA, the Santa Clarita Valley Water Agency Board of Directors must first adopt a resolution authorizing the Agency to do so and must designate an Authorized Representative.

DISCUSSION

Project Background and Scope: The New Mint Association (NMA) is a volunteer/homeowner-run organization whose sole purpose is to operate and maintain a water distribution system for its shareholders. The water system was originally installed in the 1940s and consisted of a well, tank, and distribution system to serve 70 residential lots within Tract 10847 and 12792. In 1971, NMA (formerly New Mint Water System) requested a 2-inch master meter from the Agency (formerly Santa Clarita Water Company) and disconnected the well and tank from the system. The tank and well are no longer in service. The existing distribution system includes service lines to each house, with no meters; each property owner pays a flat monthly rate. There are no fire hydrants or isolation valves in the system, so homeowners lose access to water service when repairs are made.

The project scope will construct a new public distribution system consisting of approximately 4,000 linear feet of 8-inch ductile iron pipe within public rights of way, with associated public fire hydrants, isolation valves, and appurtenances. The project scope will include removal of the existing master meter and installation of individual service lines and the Agency meters to each of the 70 NMA homeowners for direct billing by the Agency. The project scope includes

removal and/or abandonment of existing NMA distribution lines and service lines. The estimated cost of the project is \$4,300,000 including design, construction, and facility capacity fees.

The Agency will take ownership of the new public distribution system and meters once construction is complete and accepted by the Agency. At that time, NMA will no longer own, operate, or maintain the distribution system including the service lines and meters. Terms and conditions for the consolidation and transfer of ownership will be set forth in a Water Service Agreement with NMA prior to construction.

Grant Funding: Agency staff met previously with NMA directors on multiple occasions in recent years to discuss the requirements needed to qualify for grant funding to cover the cost of a new distribution system, including the option to consolidate with the Agency. The Agency advised NMA that the Agency could only apply for grant funding on its behalf for a consolidation if grant funding was certain to be available. However, since NMA formerly operated as an unincorporated association (as the former New Mint Water System), and it is not classified as a disadvantaged community under Title 22 Section 64300, the options for grant funding were limited, based on consultations with the SWRCB.

On March 8, 2023, the SWRCB adopted guidelines for an “Expedited Drinking Water Grant (EDWG) Program” that makes available a variety of state funding sources for drinking water infrastructure projects, particularly for urgent projects to address water systems at risk of failing that can be consolidated into a larger public system. The program is administered by the Division of Financial Assistance (DFA) and intended to fast-track urgent water projects. The Deputy Director of DFA makes the final decision as to which projects will receive grant funding under the EDWG Program on a case-by-case basis, based on review of an Engineering Report and certain supporting grant application documents. The SWRCB has indicated this project would likely be eligible for grant funding to cover the entire cost of the project, including design, construction, and capacity fees.

The SWRCB has informed the Agency that to apply for grant funds for the consolidation of NMA with the Agency, the Santa Clarita Valley Water Agency Board of Directors must first approve and submit a resolution to do so and must designate an Authorized Representative to sign and file the financial assistance application. NMA has formally requested that the Agency apply for grant funds from the SWRCB on its behalf by a resolution adopted by the NMA Board of Directors on May 26, 2023. NMA has provided a deposit to the Agency to prepare the engineering report as a key first step in the grant application process.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) CONSIDERATIONS

Based on the project design and because the construction consists of the replacement of a potable water system that provides water service to existing residences within the existing NMA to meet current Agency standards and because the project is located within the same site as the existing system, this project is found to be categorically exempt under the provisions of CEQA and the State CEQA guidelines as described below.

- The project, or the whole of the action, qualifies for a Categorical Exemption under CEQA guidelines section 15302(c) Class 2 Replacement or Reconstruction of existing utility facilities where the new facilities will be located on the same site as the facilities replaced and will have substantially the same purpose as the facilities replaced.

- The project, or the whole of the action, qualifies for a Statutory Exemption under CEQA guidelines section 15282(k) as it will install less than one (1) mile of new public water distribution system within the same limits as the existing system.
- None of the exemptions listed in Section 15300.2 of the CEQA Guidelines would apply to this action.

STRATEGIC PLAN NEXUS

This project helps meet the Agency's Strategic Plan Objective E.1 – "Increase focus on forward looking financial information" by pursuing grant funds from the SWRCB to fund consolidation of NMA with the Agency.

FINANCIAL CONSIDERATIONS

None. The project action is to pursue grant funding for consolidation of NMA with the Agency.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Santa Clarita Valley Water Agency Board of Directors approve adopting the attached resolution authorizing the Agency's General Manager to apply for funding from the State Water Resources Control Board's Expedited Drinking Water Grant Program on behalf of New Mint Association for distribution system consolidation.

Attachment

M65

[This page intentionally left blank.]

RESOLUTION NO. SCV XXX

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY
AUTHORIZING THE GENERAL MANAGER TO APPLY FOR FUNDING FROM THE
STATE WATER RESOURCES CONTROL BOARD'S EXPEDITED DRINKING WATER
GRANT FUNDING PROGRAM ON BEHALF OF THE NEW MINT ASSOCIATION FOR
CONSOLIDATION OF DISTRIBUTION SYSTEM**

WHEREAS, New Mint Association (NMA) is a California nonprofit mutual benefit corporation formed for the purpose to develop, own, operate, and dispose of systems to sell distribute, supply, and deliver water at cost for its shareholders, which consist of 70 homeowners; and

WHEREAS, NMA is located within the service boundary of the Santa Clarita Valley Water Agency (Agency) and currently receives water from the Agency from an existing 2-inch master meter; and

WHEREAS, NMA is managed by its own homeowner volunteers including billing, payments, operation, maintenance, and repairs of the system; and

WHEREAS, NMA's distribution system consists of small, aging pipes that lack capacity to provide adequate fire service or system pressure for its residents, and is subject to frequent leaks and interruption of service to the NMA community, and is at risk of catastrophic failure; and

WHEREAS, the cost to replace the NMA distribution system is significant, and NMA lacks the financial resources to pay for such replacement absent some form of financial assistance; and

WHEREAS, NMA has been communicating with the State Water Resources Control Board (SWRCB) regarding possible grant funding to pay for consolidation with the Agency including the replacement of the distribution system and installation of Agency Water meters to each NMA homeowner; and

WHEREAS, the SWRCB has informed the Agency that it may apply for grant funds from the Expedited Drinking Water Grant (EDWG) Funding Program on behalf of NMA to cover the entire cost of construction to replace and upgrade the distribution system, including installation of facility capacity fees for new meters; and

WHEREAS, the SWRCB has informed the Agency that this would be a "Distribution System Consolidation," which means the Agency will operate and maintain the new, upgraded distribution system and provide direct metered service to each homeowner, and the NMA Corporation would be dissolved and no longer own, operate, or maintain the distribution system; and

WHEREAS, the NMA desires to consolidate with the Agency and has adopted a resolution requesting the Agency prepare, submit, and execute a financial application on NMA's behalf to the SWRCB's EDWG Funding Program for the entire cost to consolidate with the Agency and to construct a new distribution system with 70 new service lines and meters, including facility capacity fees; and

WHEREAS, the SWRCB has informed the Agency that in order to apply for a grant from the SWRCB EDWG Funding Program on behalf of NMA, the Santa Clarita Valley Water Agency's Board of Directors must first adopt a resolution authorizing the Agency to do so and to designate an Authorized Representative; and

WHEREAS, the Agency is applying for grant funding from the SWRCB EDWG Funding Program for a distribution consolidation with NMA, including the cost to construct a new distribution system with 70 new service lines and meters, including facility capacity fees; and

WHEREAS, the project, or the whole of the action qualifies for Categorical Exemption under CEQA guidelines section 15302(c) Class 2 Replacement or Reconstruction of existing utility facilities where the new facilities will be located on the same site as the facilities replaced and will have substantially the same purpose as the facilities replaced, as shown on the attached Notice of Exemption; and

WHEREAS, the project, aka the whole of the action, also qualifies for a Statutory Exemption under CEQA guidelines section 15282(k) as it will install less than one mile of new water distribution piping within the same limits as the existing system.

NOW, THEREFORE, BE IT RESOLVED, that the Santa Clarita Valley Water Agency's Board of Directors hereby authorizes the General Manager (the "Authorized Representative"), or designee, to prepare, execute, and file the necessary documents and/or applications for a financing agreement from the State Water Resources Control Board for the planning, design, and construction of the NMA Distribution Consolidation.

The General Manager, or his designee, is designated and further authorized to provide assurances, certifications, and commitments required for the financial assistance application, including executing a financial assistance agreement, subject to Board approval, with the State Water Resources Control Board and any amendments or changes thereto.

The General Manager, or his designee, is designated and further authorized to represent the Agency in carrying out the Agency's responsibilities under the financing agreement, including certifying disbursement requests on behalf of the Agency and compliance with applicable state and federal laws.

NOTICE OF EXEMPTION

To: Registrar-Recorder/County Clerk
Los Angeles County
12400 Imperial Highway
Norwalk, CA 90650

From: Santa Clarita Valley Water Agency
27234 Bouquet Canyon Road
Santa Clarita, CA 91350

To: County Clerk and Recorder
Ventura County
800 S. Victoria Ave, Location #1260
Ventura, CA 93009

Project Title: Apply for Grant Funds from the State Water Resource Control Board’s “Expedited Drinking Water Grant Funding Program” on Behalf of the New Mint Association for Consolidation of Distribution System

Location -- Specific: The project is located off Sierra Highway at Fitch Avenue, Forrest Street and Louis Avenue in Santa Clarita, CA

Location -- Counties: Los Angeles County

Description of Activity:

SCV Water is applying for Grant Funds from the State’s “Expedited Drinking Water Grant Funding Program” for Consolidation of the New Mint Association water distribution system. The project will replace an existing potable water distribution system to meet SCV Water standards and consolidate the New Mint Association water system into SCV Water.

Based on the project design and because the construction consists of the replacement of a potable water system that provides water service to existing residences within the existing New Mint Association to meet current SCV Water standards, and because the project is located within the same site as the existing system, this project will be categorically exempt under the provisions of CEQA and the State CEQA Guidelines as described herein. A new NOE will be prepared when construction is approved by the SCV Water Board of Directors.

Name of Public Agencies Approving or Carrying Out Activity: Santa Clarita Valley Water Agency (Lead Agency).

Exempt Status: (Choose Exemption Type)

- Ministerial
- Declared Emergency
- Emergency Project
- Categorical Exemption.** See CEQA Guidelines Section 15302 (c)
- Statutory Exemption.** See CEQA Guidelines Section 15282 (k)

Reasons why activity is exempt:

The project, aka the whole of the action, qualifies for a Categorical exemption under CEQA guidelines section 15302 (c) Class 2 Replacement or Reconstruction of existing utility facilities where the new facilities will be located on the same site as the facilities replaced and will have substantially the same purpose as the facilities replaced.

The project, aka the whole of the action, qualifies for a Statutory Exemption under CEQA guidelines section 15282 (k) as it will install less than one mile of new public water distribution piping within the same limits as the existing system.

Lead Agency Contact Person: Brent Payne **Telephone:** (661) 964-3991

Signature: _____ **Title:** _____ **Date:** _____

- Signed by Lead Agency
- Signed by Applicant

Date received for filing by County Clerk:



July 6, 2023

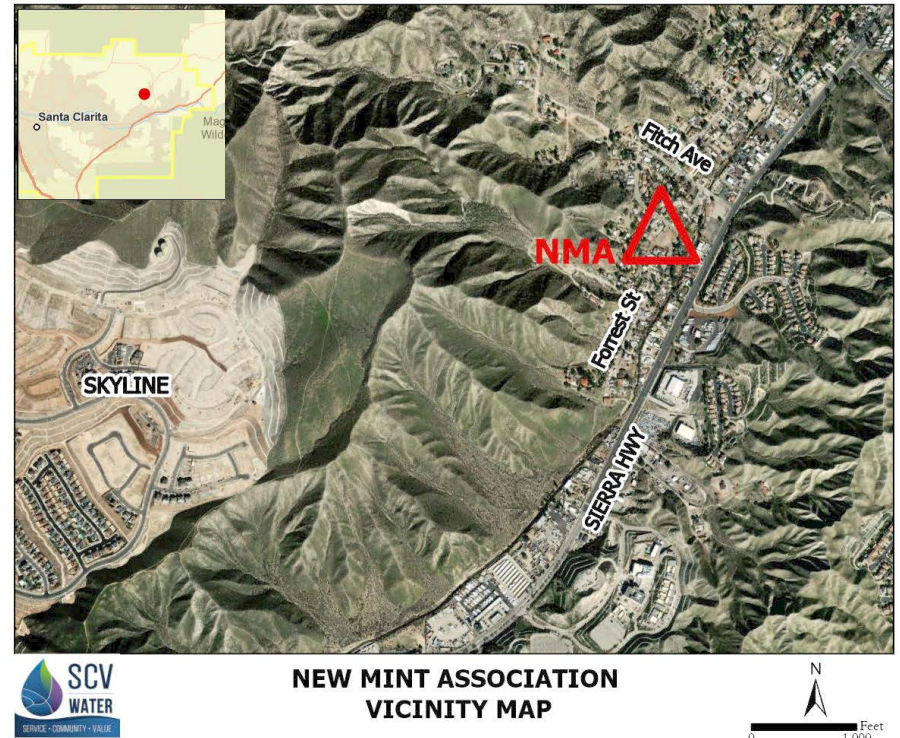
Authorization to Apply for Grant Funding for Consolidation of the New Mint Association Water Distribution System

Engineering and Operations
Committee Meeting

Consolidation of the New Mint Association Water Distribution System Location Map

Existing Features

- SCV Water has served the New Mint Association (NMA) from a 2-inch master meter since 1971
- NMA owns and maintains an aging distribution system with volunteer homeowners
- NMA serves 70 homes



YOURSCVWATER.COM

Consolidation of the New Mint Association Water Distribution System

Project Need

Project Need

- The NMA distribution system was originally installed in the 1940s with primarily 2-inch steel pipes, without hydrants or isolation valves.
- The poor condition of the NMA system results in frequent leaks and is at risk of failure.
- The NMA homeowners operate and maintain the system as volunteers.

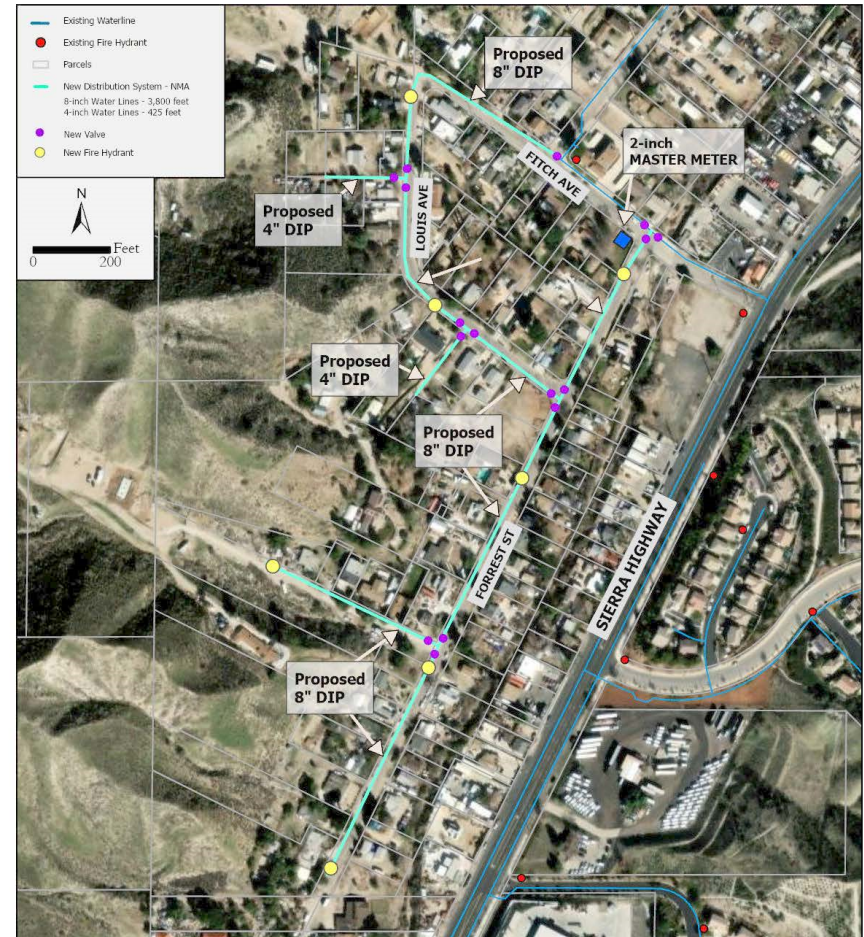
Project Benefits

- SCV Water will provide safe and reliable direct service to 70 homeowners.
- Consolidates small water system that is not able to meet public health and safety standards due to lack of resources, a State Water Resources Control Board (SWRCB) goal.



Consolidation of the New Mint Association Water Distribution System Project Scope

- Distribution Consolidation (per State Guidelines)
 - SCV Water will replace and take ownership of the new distribution system
- Install new distribution system per SCV Water standards and specifications.
 - ~4,000 feet of 8-inch ductile iron pipe
 - 7 fire hydrants
 - Valves and other appurtenances
- Install individual SCV Water meters and service lines to 70 homes.
- Remove 2-inch master meter.
- Remove or abandon in place existing steel lines.



Consolidation of the New Mint Association Water Distribution System

Expedited Drinking Water Grant Funding Program

SWRCB released a new Grant Program on March 8, 2023

- Makes use of a variety of funding sources
- Administered in multiple rounds

Program Goal: to fast-track urgent water projects, particularly failing water systems

- Eligible projects now include consolidation of small, non-disadvantaged communities
- SCV Water must apply for grant funds on behalf of NMA

Deputy Director of SWRCB Division of Financial Assistance approves funding of projects

Grant Funds will cover all project costs for consolidation and system replacement

- ~ \$4.3 Million - covers planning, design, construction and meter capacity fees

***SCV Water's Objective and Strategic Plan Objective E.1: "Increase focus on forward looking financial information"**

YOURSCVWATER.COM



Consolidation of the New Mint Association Water Distribution System Project Schedule

- 1. Initiate Grant Application (~ 2 to 3 months)**
 - Initial Call with SWRCB, NMA and SCV Water (Completed March 15, 2023) - Project may qualify for grant funds under the new SWRCB Expedited Grant Program.
 - NMA provides deposit to SCV Water to start grant application (Completed April 22, 2023)
 - Submit general application to earmark funds (Completed May 31, 2023)
- 2. SWRCB to Issue Preliminary Funding Award Notification Letter to SCV Water**
 - Expected in July 2023
- 3. Submit Project Proposal (Due 30 days from Notification Letter)**
 - Authorizing Resolution (Seek Board Approval July 18, 2023)
 - Scope of Work and Engineering Report
 - CEQA Notice of Exemption
 - Technical, Managerial and Financial (TMF) Assessment



Consolidation of the New Mint Association Water Distribution System Project Schedule (continued)

4. Grant Agreement (~ 3 to 4 months)

- Receive supplemental deposit from NMA for Final Design
- Prepare Final Design
- Water Service Agreement (SCV Water/NMA) - to transfer ownership and customers
- SWRCB to Issue Grant Agreement to SCV Water for Execution (seek Board Approval)

5. Bid and Approval Phase (~ 4 to 5 months)

- Advertise for Bids
- SCV Water and SWRCB to Evaluate Bids
- Submit Final Budget Approval to SWRCB

6. Construction (~ 12 months)

- Award Construction Contract (seek Board approval)
- Complete Construction



Consolidation of the New Mint Association Water Distribution System Project Recommendation

That the Engineering and Operations Committee recommends that the Board of Directors:

- Approve adopting a resolution authorizing the Agency's General Manager to apply for funding from the State Water Resources Control Board's Expedited Drinking Water Grant Program on behalf of New Mint Association for distribution system consolidation





COMMITTEE MEMORANDUM

DATE: June 23, 2023

TO: Engineering and Operations Committee

FROM: Courtney Mael, P.E. *CM*
Chief Engineer

SUBJECT Recommend Approval of Adopting a Resolution Authorizing the General Manager to (1) Approve a Contract Amendment to Pacific Hydrotech Corporation for Additional Change Orders and (2) Execute a Purchase Order Amendment to Lee+Ro, Inc. for Engineering Support During Construction for the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project

SUMMARY

On May 23, 2022, construction of the ESFP Washwater Return and Sludge Systems (Project) began to install improvements including new washwater return basins, sludge drying bed, and sludge thickener tank to improve overall plant operation and reduce turbidity in the washwater return line. During construction, several owner-initiated scope changes were requested, namely the rehabilitation of existing sludge drying bed 1 and installation of new thickener effluent pump station.

Staff recommends that the Engineering and Operations Committee recommend approval of adopting a resolution authorizing the General Manager to (1) approve a contract amendment to Pacific Hydrotech Corporation for additional change orders and (2) execute a purchase order amendment to Lee+Ro, Inc. for additional engineering support during construction for the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project.

DISCUSSION

The Project includes installation of two (2) washwater return basins, a sludge thickener tank, a sludge drying bed, and sludge pumps. These improvements will allow operations staff to improve the reduction of turbidity in the washwater return line to ensure that Division of Drinking Water Cryptosporidium Action Plan goal of returning water with less than two (2) Nephelometric Turbidity Units (NTUs) is achieved along with improving operations and maintenance of the sludge collection system.

On April 19, 2022, the Santa Clarita Valley Water Agency Board of Directors adopted Resolution No. SCV-272, awarding a construction contract to Pacific Hydrotech Corporation for the Project in the amount of \$17,526,700. Consistent with the Agency's Purchasing Policy approved in December 2019, the General Manager's change order authority is equal to four percent (4%) of the original contract amount.

During construction, the Project incurred several change orders, mostly as a result of owner-initiated increases in scope including rehabilitation of an existing sludge drying bed and installation of a new thickener effluent pump station near the existing sludge thickener tanks and drying beds. The total approved change order amount fell within the four percent (4%) range of the General Manager's change order authority limit. This primarily includes procurement of equipment and materials with expected long lead times.

Additional change orders in the amount of \$716,639.98 have been received from the contractor for extra work that is required to complete the Project. Staff and the construction manager verified the change orders for accuracy and negotiated with the contractor to ensure fair pricing was applied to each change order request. The additional change order amount exceeds the four percent (4%) authority limit; therefore, requires Board approval for the General Manager to authorize the additional change orders.

On April 19, 2022, the Santa Clarita Valley Water Agency Board of Directors approved a work authorization to Lee+Ro, Inc., in the amount not-to-exceed of \$660,000 for engineering services during construction for the ESFP Washwater Return and Sludge Systems Project. A work authorization amendment in the additional amount of \$60,098 was issued to Lee+Ro, Inc. increasing the work authorization to an amount not-to-exceed of \$720,098. This action was within the General Manager's authority to approve work authorizations up to ten percent (10%) of the amount approved by the Board. Approval for an additional work authorization amendment in the amount of \$125,000 is being requested from the Santa Clarita Valley Water Agency's Board of Directors for additional engineering services during construction for the Project.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) CONSIDERATIONS

As the Board determined on April 19, 2022, the Project which remains unchanged but for rehabilitation of an existing sludge drying bed 1 and new thickener effluent pump station near the existing sludge thickener tanks and drying beds, is a minor alteration limited to construction within the Agency's existing facility property. Construction and operation of this project is found to be categorically exempt under the provisions of CEQA and the State Guidelines as described below:

- The Project qualifies for an exemption under CEQA guidelines section 15301 Class 1 Minor Alterations to Existing Facilities because it is a minor alteration of an existing public facility and it concerns proposed new mechanical equipment involving negligible or no expansion of use, i.e.- no additional extraction of water, beyond that existing at the time of the lead agency's determination.
- The Project also qualifies for an exemption under CEQA guidelines section 15303 Class 3 New Construction or Conversion of Small Structures because the project construction is limited to construction within Santa Clarita Valley Water Agency's existing facility property.
- None of the exceptions listed in Section 15300.2 of the CEQA Guidelines would apply to the action.

STRATEGIC PLAN NEXUS

The Project helps meet the Agency's Strategic Plan Objective B.1.1.7: "Complete design and initiate construction of the Earl Schmidt Sludge Collection System Project".

FINANCIAL CONSIDERATIONS

Funding for the ESFP Washwater Return and Sludge Systems Project is included in the Agency's FY2023/24 Capital Improvement Budget. The CIP Budget includes \$8,510,000 for the completion of the ESFP Washwater Return and Sludge Systems Project.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors approve adopting the attached resolution authorizing the General Manager to (1) approve a contract amendment to Pacific Hydrotech Corporation for additional change orders in the amount of \$716,639.98 and (2) execute a purchase order amendment to Lee+Ro, Inc. for addition engineering services during construction in the not-to-exceed amount of \$125,000 for the ESFP Washwater Return and Sludge Systems Project.

Attachment

M65

[This page intentionally left blank.]

RESOLUTION NO. SCV-XXX

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY
AUTHORIZING A CONTRACT AMENDMENT TO
PACIFIC HYDROTECH CORPORATION AND A
PURCHASE ORDER AMENDMENT TO LEE+RO, INC FOR THE
EARL SCHMIDT FILTRATION PLANT WASHWATER RETURN AND
SLUDGE SYSTEMS PROJECT**

WHEREAS, on April 19, 2022, Santa Clarita Valley Water Agency (Agency) Board of Directors approved a resolution for a construction contract with Pacific Hydrotech Corporation and a purchase order to Lee+Ro, Inc. for engineering services during construction for the Earl Schmidt Filtration Plant Washwater Return and Sludge Systems Project (Project), as it continues to work towards meeting the Agency's Strategic Plan Objective B.1.1.7: "Complete design and initiate construction of the Earl Schmidt Sludge Collection System Project"; and

WHEREAS, as the Santa Clarita Valley Water Agency Board of Directors determined on April 19, 2022 that the Project, which remains unchanged but for including rehabilitation of an existing sludge drying bed 1 and new thickener effluent pump station near the existing sludge thickener tanks and drying beds, was determined to be a minor alteration limited to construction within the Agency's existing facility property and categorically exempt under the provisions of CEQA and the State CEQA Guidelines described below:

- The Project qualifies for an exemption under CEQA Guidelines section 15301 Class 1 Minor Alterations to Existing Facilities because it is a minor alteration of an existing public facility and it concerns proposed new mechanical equipment involving negligible or no expansion of use, i.e. no additional extraction of water, beyond that existing at the time of the lead agency's determination.
- The Project also qualifies for an exemption under CEQA Guidelines section 15303 Class 3 New Construction or Conversion of Small Structures because the project construction is limited to construction within the Agency's existing facility property.
- None of the exemptions listed in Section 15300.2 of the CEQA Guidelines would apply to the action.

WHEREAS, it is in the Agency's best interest that the Santa Clarita Valley Water Agency Board of Directors, on behalf of the Agency, authorizes it's General Manager to issue a contract amendment to Pacific Hydrotech Corporation for additional change orders in the not-to-exceed amount of \$716,639.98 and execute a purchase order amendment to Lee+Ro, Inc. for additional engineering services during construction in the not-to-exceed amount of \$125,000 for the Earl Schmidt Filtration Plant Washwater Return and Sludge Systems Project.

NOW, THEREFORE, BE IT RESOLVED, that the Santa Clarita Valley Water Water Agency Board of Directors does hereby find and determine as follows:

SECTION 1. LOCATION AND CUSTODIAN OF RECORDS. The documents and materials associated with the project that constitute the record of proceedings on which these findings are based can be requested from the Custodian of Record located at Santa Clarita Valley Water Agency, 27234 Bouquet Canyon Road, Santa Clarita, CA 91350. The Custodian of Record is the Board Secretary April Jacobs.

RESOLVED FURTHER that the Santa Clarita Valley Water Agency Board of Directors authorizes its General Manager to issue a contract amendment to Pacific Hydrotech Corporation for additional change orders in the not-to-exceed amount of \$716,639.98 and execute a purchase order amendment to Lee+Ro, Inc. for additional engineering services during construction in the not-to-exceed amount of \$125,000 for the Earl Schmidt Filtration Plant Washwater Return and Sludge Systems Project.

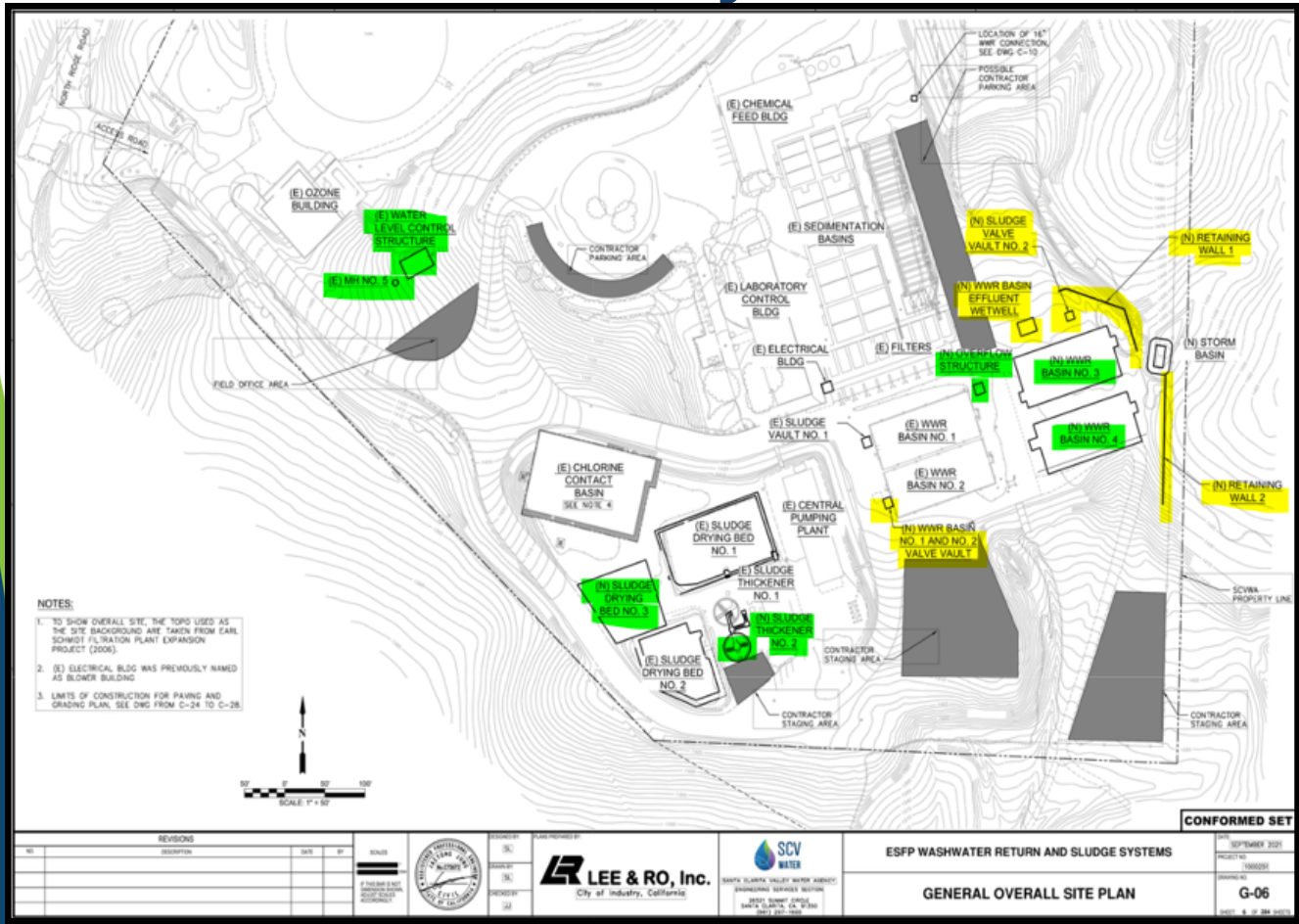


July 6, 2023

Earl Schmidt Filtration Plant Washwater Return and Sludge Systems

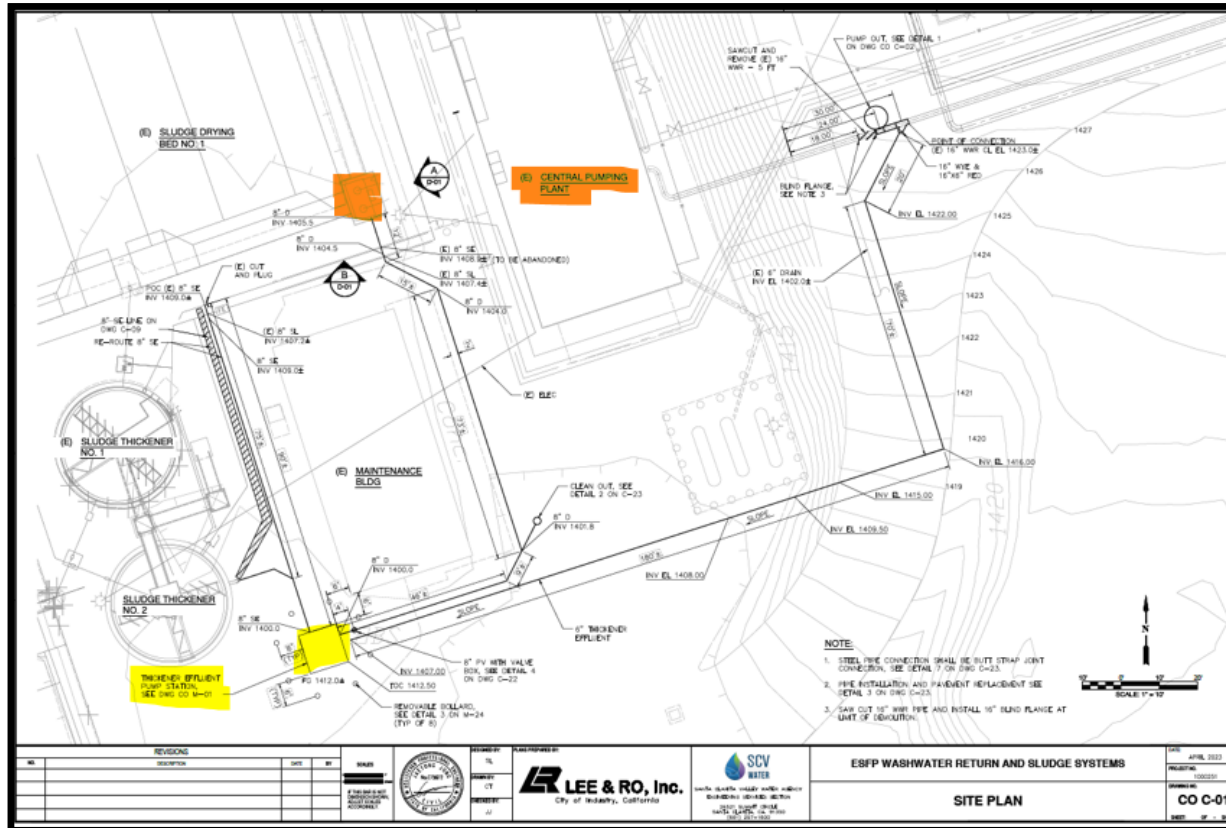
Engineering and Operations
Committee Meeting

ESFP Washwater Return and Sludge Systems Project Overview



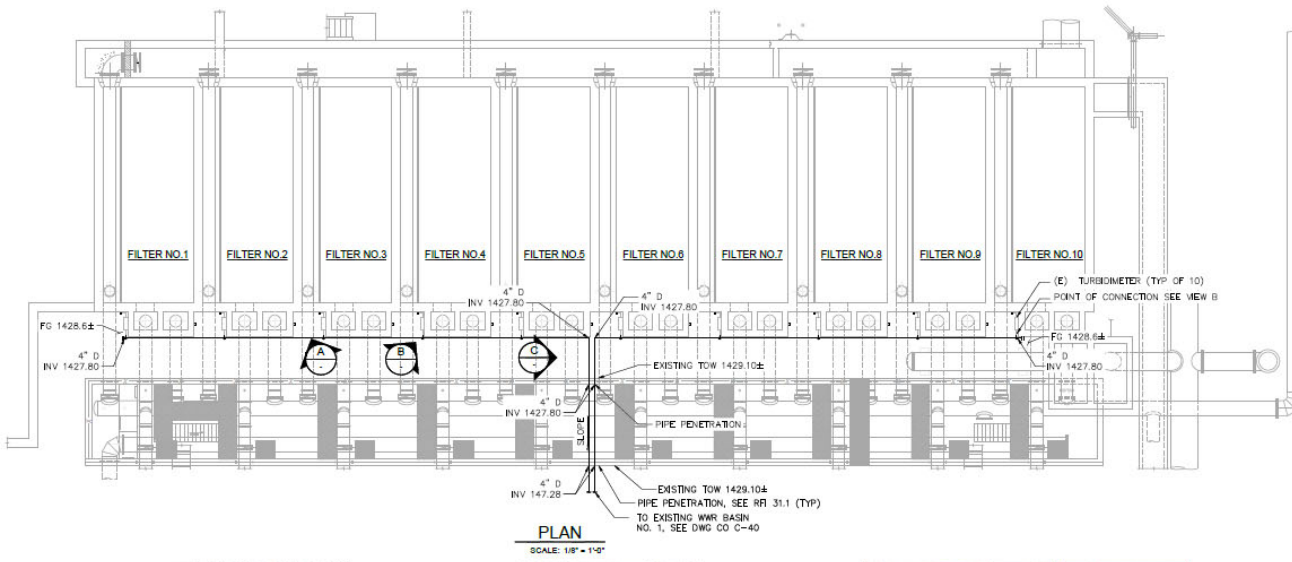
- Planned shutdown of ESFP in November 2022. Returned to service in May 2023
- Substantial completion of WWR Basins 3 and 4, Sludge Drying Bed 3 and Overflow Structure
- Contractor is working on electrical, mechanical and pipeline modifications

ESFP Washwater Return and Sludge Systems Project Construction Change Orders



- New thickener effluent wet well and pump station to reduce need for double pumping
- Removes two (2) relatively small pumps at Sludge Drying Bed 1 and three (3) oversized pumps in the Central Pumping Plant

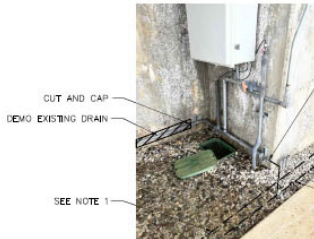
ESFP Washwater Return and Sludge Systems Project Construction Change Orders



- Raising overflow structure elevation effected drain lines at each turbidimeter



DEMO DRAIN (TYP OF 10)
VIEW A
SCALE: NONE



NEW DRAIN (TYP OF 10)
VIEW B
SCALE: NONE



NEW 4\"/>

- NEW 4\"/>

NOTE:
1. PIPE BEDDING AND BACKFILL SHALL BE CRUSHED ROCK PER SPEC SECTION 02200 PARAGRAPH 2.1 C 3.



ESFP Washwater Return and Sludge Systems Project Construction Change Orders

Pacific Hydrotech Corporation

Original Construction Contract Amount \$ 17,526,700.00

Change order Description	Change Order Amount	Percent of Contract
Material Purchase for Thickener Effluent Pump Station	\$ 386,976.97	2.21%
Subcontract work for Thickener Effluent Pump Station	\$ 151,383.05	0.86%
Turbidimeter Drain Pipe	\$ 45,000.00	0.26%

Amount Approved under General Manager Authority \$ 583,360.02 3.33%

Labor and Equipment for Thickener Effluent Pump Station	\$ 286,639.98	1.64%
Export / Dispose soil from Sludge Drying Bed 1	\$ 180,000.00	1.03%
Miscellaneous (Future Contingency)	\$ 250,000.00	1.43%

Additional Change Order Amount* \$ 716,639.98 4.09%

Total Project Change Order Amount \$ 1,300,000.00 7.42%

Revised Budget Amount \$ 18,826,700.00

Change Orders

PH Initiated Changes

\$ 195,523

SCV Water Initiated Changes

\$ 1,104,477

* Requires Board of Director approval for an amount exceeding 4% of original contract

YOURSCVWATER.COM



ESFP Washwater Return and Sludge Systems Project Additional Engineering Services During Construction

Lee+Ro, Inc

Engineering Services During Construction

Original Board Approved Not-to-Exceed Amount	\$	660,000.00
10% Additional Service Allowance	\$	66,000.00
Total Maximum Authorized Not-to-Exceed Amount	\$	726,000.00

Original Contract Amount	\$	610,950.00
Approved Additional Work Authorizations	\$	109,148.00
Total Purchase Order Amount	\$	720,098.00

Additional Services Requested	\$	125,000.00
-------------------------------	----	------------

Revised Contract Amount	\$	845,098.00
--------------------------------	-----------	-------------------

ESFP Washwater Return and Sludge Systems Project Adjusted Project Schedule

Notice To Proceed:	May 23, 2022
Original Contract time (Calendar Days):	540 Days
Original Completion Date:	November 13, 2023
Additional Days Requested (Calendar Days):	130 Days
Revised Completion Date:	March 18, 2024

***SCV Water’s Objective and Strategic Plan Objective B.1.1.7: “Complete design and initiate construction of the Earl Schmidt Sludge Collection Systems Project”.**



ESFP Washwater Return and Sludge Systems Project Project Recommendation

That the Engineering and Operations Committee recommends that the Board of Directors:

- (1) Approve a contract amendment to Pacific Hydrotech Corporation for additional change orders in the amount of \$716,639.98; and
- (2) Execute a purchase order amendment to Lee+Ro, Inc. for additional engineering services during construction in the not-to-exceed amount of \$125,000.



[This page intentionally left blank.]



COMMITTEE MEMORANDUM

DATE: June 23, 2023

TO: Engineering and Operations Committee

FROM: Courtney Mael, P.E. *CM*
Chief Engineer

SUBJECT Recommend Approval of (1) Adopting a Resolution of a Purchase Order to West Yost Associates for Planning Services for the Rio Vista Water Treatment Plant Turbidity Improvements Project, and (2) Finding that the Authorization is Not a Project Subject to CEQA

SUMMARY

Santa Clarita Valley Water Agency (Agency) operates two (2) surface water treatment plants, Earl Schmidt Filtration Plant (ESFP) and Rio Vista Water Treatment Plant (RVWTP). Due to an unprecedented combination of conditions, RVWTP (and to a lesser extent ESFP) has experienced extended periods of high turbidity source water coming from Castaic Lake. The extensive and long-duration high turbidity in the lake source water supply has required more frequent and increased filter and contact clarifier washes to maintain water quality compliance of the treated water supply. Staff issued a planning services Request for Proposal (RFP) to evaluate the existing water treatment processes and spent backwash water system, to identify improvements to address the high turbidity events in its source water supply. The RFP was sent to four (4) of the Agency’s on-call consultants with surface water treatment plant design experience. Staff received one (1) proposal. Staff is recommending approval of adopting a resolution authorizing a purchase order to West Yost Associates for planning services for the RVWTP Turbidity Improvements Project.

DISCUSSION

Rio Vista Water Treatment Plant (RVWTP) is one of two (2) surface water treatment plants operated by the Agency. Due to an unprecedented combination of conditions that include (prior to September 2022) unusually low water levels in Castaic Lake, wildfires in portions of the lake’s watershed, and significantly greater rainfall (at times) during September 2022 and after December 2022 have contributed to challenging source water with unusually high turbidity. The extensive and long-duration high turbidity in the lake source water supply has required shortened filter run cycles and more frequent clarifier and filter backwashing at both treatment plants.

On April 3, 2023, staff issued a Request for Proposal (RFP) to several of its on-call consultants with surface water treatment plant design experience, namely, Black & Veatch Corporation, Kennedy Jenks Consultants, Inc, Michael K. Nunley & Associates, Inc., and West Yost Associates for the planning services for the RVWTP Turbidity Improvements Project. On May 3, 2023, staff received proposals from one (1) consultant, West Yost Associates. Among other subconsultants, Kennedy /Jenks Consultants, Inc was listed in West Yost Associates proposal. The proposal was reviewed and evaluated by staff from Engineering and Operations

& Maintenance. The evaluation team reviewed the proposal based on a qualifications-based selection procedure applying the following criteria: responsiveness (conformance and compliance) to the RFP requirements, project understanding, project approach, responsibilities (resources/capability/qualifications/availability) to perform the work, scope of work, and schedule. Any improvements identified during this planning study can be implemented at ESFP as needed. After the evaluation review, the evaluation team recommends West Yost Associates for the planning services.

The planning services scope of work will include but is not limited to evaluation of existing water treatment processes and spent backwash water system, and identification of improvements that can improve the ability of RVWTP to respond to high turbidity events in its source water supply. After the capital improvements are defined, then an environmental evaluation will be performed under the California Environmental Quality Act (CEQA).

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) CONSIDERATIONS

The approval of a purchase order to West Yost Associates for planning services for the RVWTP Turbidity Improvements Project authorizes the preparation of feasibility and planning studies and does not constitute an approval for the construction of the RVWTP Turbidity Improvements Project and so is exempt from further review under the California Environmental Quality Act (CEQA) Guidelines section 15262.

STRATEGIC PLAN NEXUS

The award of this planning contract will help meet the Agency's objective and Strategic Plan Objective B.1: "Plan, design and build facilities to meet demand including storage capacity and interconnections between regional and retail water systems" and B.2: "Plan and budget for long-term replacements and improvements."

FINANCIAL CONSIDERATIONS

The project was not initially included in the Agency's FY 2023/24 Capital Improvements Projects Budget. The budget for this work will be funded from another capital improvement project that is anticipated to be under budget. The planning services would be performed on a time and expense basis with a not-to-exceed budget of \$610,000.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors approve (1) adopting the attached resolution authorizing a purchase order to West Yost Associates for an amount not-to-exceed of \$610,000 for planning services for the RVWTP Turbidity Improvements Project and (2) finding that approval of the proposed action is exempt from the CEQA review, in accordance with CEQA Guidelines section 15262, because the project only involves feasibility or planning studies for possible future actions which the Agency has not approved, adopted, or funded.

Attachment

M65

RESOLUTION NO. SCV-XXX

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY
AUTHORIZING A PURCHASE ORDER TO
WEST YOST ASSOCIATES FOR PLANNING SERVICES
FOR RIO VISTA WATER TREATMENT PLANT TURBIDITY IMPROVEMENTS PROJECT
AND FINDING THAT THE AUTHORIZATION IS NOT A PROJECT SUBJECT TO CEQA**

WHEREAS, Santa Clarita Valley Water Agency (Agency) wishes to conduct feasibility and planning studies with regard to a potential Rio Vista Water Treatment Plant (RVWTP) Turbidity Improvements Project, as it continues to work towards meeting its Strategic Plan Objectives D.1: “Achieve 100% compliance with all environmental regulations and standards” and D.2: “proactively install, operate, and maintain groundwater treatment infrastructure to avoid impacts on water supply reliability (e.g. VOCs, perchlorate, PFAS, etc.)”; and

WHEREAS, the adoption of the resolution for a purchase order to West Yost Associates for planning services for the RVWTP Turbidity Improvements Project authorizes the preparation of feasibility and planning studies, and does not constitute an approval for the construction of the RVWTP turbidity improvements and so is exempt from further review under the California Environmental Quality Act (CEQA) Guidelines section 15262; and

WHEREAS, this resolution does not commit the Agency to any current or future projects, and does not entail any construction or other activity that could result in a potential physical change to the environment; and

WHEREAS, on April 3, 2023, SCV Water issued the Request for Proposal (RFP) to four (4) of its on-call consultants on PlanetBids for planning services for the RVWTP Turbidity Improvements Planning Services Project; and

WHEREAS, on May 3, 2023, proposals from one (1) consultant was electronically received on the Agency’s website page on PlanetBids pursuant to the Agency’s planning services RFP for the RVWTP Turbidity Improvements Project; and

WHEREAS, it is in the Agency’s best interest that the Santa Clarita Valley Water Agency Board of Directors, authorizes it’s General Manager to award a purchase order to West Yost Associates for planning services in the not-to-exceed amount of \$610,000.

NOW, THEREFORE, BE IT RESOLVED, that the Santa Clarita Valley Water Agency Board of Directors does hereby find and determine as follows:

SECTION 1. RECITALS. The Santa Clarita Valley Water Agency’s Board of Directors finds that the resolution does not constitute an approval for the construction of the RVWTP turbidity improvements and so is exempt from further review under CEQA Guidelines section 15262, that the administrative record has been completed in compliance with CEQA, the CEQA Guidelines, and that the CEQA findings reflect the Santa Clarita Valley Water Agency’s Board of Director’s independent judgment.

SECTION 2. LOCATION AND CUSTODIAN OF RECORDS. The documents and materials associated with the project that constitute the record of proceedings on which these findings are based can be requested from the Custodian of Record located at Santa Clarita

Valley Water Agency, 27234 Bouquet Canyon Road, Santa Clarita, CA 91350. The Custodian of Record is the Board Secretary April Jacobs.

RESOLVED FURTHER that the Santa Clarita Valley Water Agency's Board of Directors authorizes its General Manager to issue a purchase order to West Yost Associates for planning services for the RVWTP Turbidity Improvements Project for the not-to-exceed amount of \$610,000.

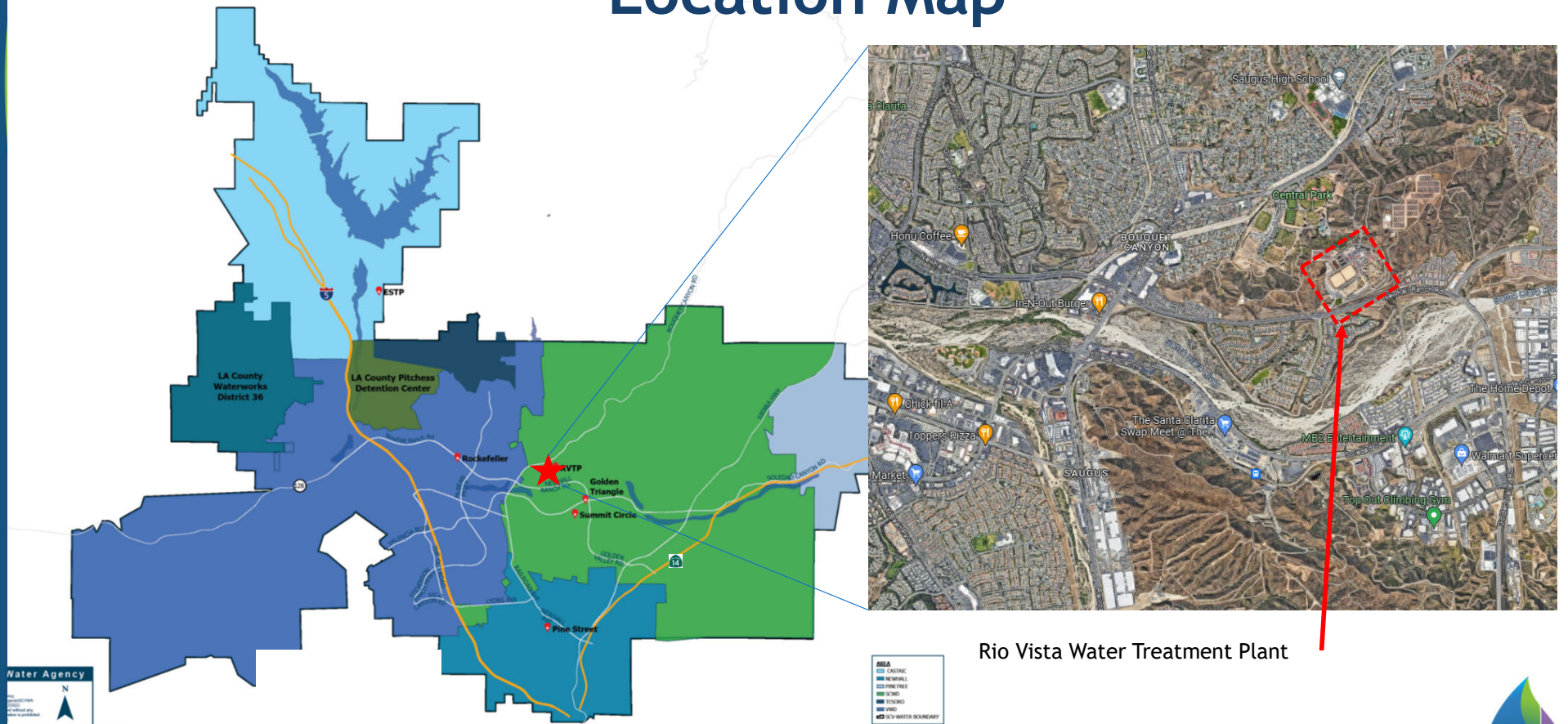


July 6, 2023

Rio Vista Water Treatment Plant Turbidity Improvements Project Planning Services

Engineering and Operations
Committee Meeting

RVWTP Turbidity Improvements Project Location Map



RVWTP Turbidity Improvements Project Project Overview



Rio Vista Water Treatment Plant

Rio Vista Water Treatment Plant (RVWTP)

- Originally designed for 30 MGD
- RVWTP expansion completed in 2011 to increase capacity to 66 MGD
- Contact clarifier-filter water treatment processes with pre-ozone oxidation is well-suited for treatment of low turbidity source water.

RVWTP Turbidity Improvements Project Bid Analysis

- April 3, 2023: Request for Proposal (RFP) was advertised on PlanetBids
- May 3, 2023: One (1) proposal received
 - West Yost Associates
- Evaluation Team: Engineering, Operations & Maintenance
- West Yost Associates Proposal evaluated based on:
 - Responsiveness (conformance and compliance) to the RFP requirements
 - Project understanding
 - Project Approach
 - Responsibility (resources/capability/qualifications/availability) to perform the work
 - Scope of work
 - Schedule

***SCV Water’s Objective and Strategic Plan Objective B.1:** “Plan, Design, and build facilities to meet demand including storage capacity and interconnections between regional and retail water systems” and B.2: “Plan and budget for long-term replacements and improvements.”



RVWTP Turbidity Improvements Project

Scope of Work

- Data Collection and Review
- Site Visit and Perform Topographical surveys
- Evaluate existing water treatment processes and spend backwash water system
- Identify treatment process improvements to improve RVWTP's ability to respond to high turbidity events in its source water supply
- Identify future construction discharge quantities and permit requirements for improvements
- Ensure proposed improvements comply with NSF-61, American Iron and Steel Act, and Build America Buy America Act
- Prepare and submit 30% level design drawings and estimate construction costs



RVWTP Turbidity Improvements Project Project Schedule

- Award Phase:
 - July 6, 2023: Engineering and Operations Committee
 - July 18, 2023: Board Meeting
- Planning Phase:
 - July 2023: Notice to Proceed
 - July 2023 to March 2024: Planning Services



RVWTP Turbidity Improvements Project Project Recommendation

That the Engineering and Operations Committee recommends that the Board of Directors:

- (1) Approve adopting a resolution authorizing the General Manager to execute a purchase order for planning services to West Yost Associates for an amount not to exceed \$610,000; and
- (2) Find that approval of the proposed action is exempt from the CEQA Review, in accordance with CEQA Guidelines section 15262, because the project only involves feasibility or planning studies for possible future actions which the Agency has not approved, adopted, or funded.



[This page intentionally left blank.]



COMMITTEE MEMORANDUM

DATE: June 22, 2023

TO: Engineering and Operations Committee

FROM: Courtney Mael, P.E. *CM*
Chief Engineer

SUBJECT: Recommend Approval of Adopting (1) a Resolution for Construction Contract with Fleming Environmental Inc, (2) a Purchase Order to Lee + Ro for Engineering Services During Construction and (3) a Purchase Order to Kennedy Jenks Consultants, Inc for Construction Management and Inspection Services During Construction and (4) Find the Contract Agreement Exempt From CEQA Pursuant to CEQA Guidelines Section 15301, and Alternatively, Exempt from CEQA Under CEQA Guidelines Section 15302

SUMMARY

The Santa Clarita Valley Water Agency (Agency) is planning to replace its existing underground fuel storage tank with an aboveground storage tank. The construction work for the Rio Vista Water Treatment Plant (RVWTP) Underground Diesel Fuel Storage Tank (UST) Replacement Project was advertised, and bids have been received. Staff is recommending award of a construction contract to Fleming Environmental Inc. Staff is also recommending approval of a purchase order to Lee + Ro for engineering services during construction and to Kennedy Jenks Consultants, Inc (KJ) for construction management and inspection services.

DISCUSSION

An existing 8,000-gallon UST provides fuel storage for the RVWTP standby generator. The existing UST has been in service for 23 years and the industry lifespan average for a UST is approximately 20 years. As such, the existing UST has reached the end of its useful life. The existing UST will be replaced with a new 8,000-gallon capacity aboveground diesel fuel storage tank (AST) and a new 100-gallon fuel day tank. The new AST shall be comprised of double wall construction.

The construction bid solicitation was advertised in accordance with the Agency’s Purchasing Policy, with notices in *The Signal* on three (3) different dates and on the Agency’s website. On May 31, 2023, two (2) construction bids were electronically received and opened. A summary of the bids is presented below:

Bidder	Bidder Office Location	Total Bid Price
Fleming Environmental Inc	Fullerton, CA	\$1,388,771
Pacific Hydrotech Corporation	Perris, CA	\$1,542,440

The apparent lowest responsive bid is from Fleming Environmental Inc for a total of \$1,388,771. The engineer’s estimate for the project is \$1,310,000.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) CONSIDERATIONS

The term “project” in CEQA refers to the whole of an action and to the underlying activity being approved, not to each governmental approval. (CEQA Guideline §15378(a), (c)–(d).) This definition ensures that the action reviewed under CEQA is not the approval itself but the development or other activities that will result from the approval.

Based on the preliminary project design and anticipated final design, and because the project construction is a replacement of existing facilities limited to construction within the Agency’s existing property, design, construction, and operation of this project is found to be categorically exempt under the provisions of CEQA and the State CEQA Guidelines as described below:

- The project, aka the whole of the action, qualifies for an exemption under CEQA Guidelines section 15301 Class 1 Existing Facilities because it is a minor alteration of an existing public facility and it concerns proposed new mechanical equipment involving negligible or no expansion of use, i.e., no additional extraction of water, beyond that existing at the time of the lead agency’s determination.
- The project, aka the whole of the action, also qualifies for an exemption under CEQA Guidelines section 15302 Class 2 Replacement or Reconstruction because the project consists of the replacement of an existing facility where the new facility will be located on the same site as the facilities replaced and will have substantially the same purpose and capacity as the facilities replaced.
- None of the exemptions listed in Section 15300.2 of the CEQA Guidelines would apply to the action.

STRATEGIC PLAN NEXUS

This project helps meet the Agency’s Objective and Strategic Plan B.5.1: “Maintain all facilities and appurtenances in a consistent fashion to achieve operational efficiency and functionality.”

FINANCIAL CONSIDERATIONS

The project is included in the Agency’s FY 2023/24 Capital Improvement Budget for the RVWTP Underground Diesel Storage Tank Replacement Project. The project’s total estimated cost, including planning, design, construction management and inspection, construction, and miscellaneous costs, is approximately \$8,500,000. Fleming Environmental Inc’s bid is \$1,388,771.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors (1) approve adopting the attached resolution for a construction contract with Fleming Environmental Inc in an amount not-to-exceed \$1,388,771, (2) authorize the General Manager to execute a purchase order with Lee + Ro for an amount not-to-exceed \$210,000 for engineering services during construction and (3) authorize the General Manager to execute a purchase order with Kennedy Jenks Consultants, Inc for an amount not-to-exceed \$405,000 for construction management and inspection services during construction and (4) find the contract agreement

exempt from CEQA pursuant to CEQA Guidelines Section 15301, and alternatively, exempt from CEQA under CEQA Guidelines Section 15302.

Attachment

M65

[This page intentionally left blank.]

RESOLUTION NO. SCV-xxx

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY AWARDING A
CONSTRUCTION CONTRACT TO FLEMING ENVIRONMENTAL INC AND
AUTHORIZING PURCHASE ORDERS TO LEE + RO AND KENNEDY JENKS
CONSULTANTS INC. AND FINDING THE RVWTP UNDERGROUND DIESEL FUEL
STORAGE TANK REPLACEMENT IMPROVEMENTS PROJECT EXEMPT FROM
CEQA UNDER CEQA GUIDELINES SECTION 15301, AND ALTERNATIVELY,
SECTION 15302**

WHEREAS, Santa Clarita Valley Water Agency (Agency) determined the existing Underground Storage Tank (UST) has been in service for 23 years which exceeds the industry average of a 20 year life span of a typical fuel tank; and

WHEREAS, the proposed Rio Vista Water Treatment Plant (RVWTP) Underground Diesel Storage Tank Replacement Project (Project) will include removal of the existing UST, installation of a new aboveground storage tank (AST) with a new day tank, and installation of various appurtenances; and

WHEREAS, the Project qualifies for an exemption under CEQA guidelines section 15301 Class 1 Existing Facilities because it is a minor alteration of an existing public facility, and it concerns proposed new mechanical equipment involving negligible or no expansion of use and alternatively qualifies for an exemption under CEQA guidelines Section 15302 Class 2 Replacement or Reconstruction because the Project consists of the replacement of an existing facility where the new facility will be located on the same site as the facilities replaced and will have substantially the same purpose and capacity as the facilities replaced, and none of the exemptions listed in Section 15300.2 of the CEQA guidelines would apply to the action; and

WHEREAS, all bid proposals submitted to the Agency pursuant to the Agency's specifications (Project No. 2300563) for procurement of the RVWTP Underground Diesel Storage Tank Replacement Improvements, as amended by Addenda, were publicly opened electronically on the Agency's bid website page on PlanetBids on Wednesday, May 31, 2023 at 2:00 p.m., in full accordance with the law and the Agency's customary procedures; and

WHEREAS, the Board of Directors finds, after considering the opinion of staff, that the total bid of Fleming Environmental Inc in the amount of \$1,388,771 is the lowest responsible bid of two (2) bids submitted, and that said bid substantially meets the requirements of said materials purchase contract documents as amended by Addenda; and

WHEREAS, it is in the Agency's best interest that the Santa Clarita Valley Water Agency's Board of Directors, authorizes its General Manager to accept the \$1,388,771 bid from Fleming Environmental Inc.

NOW, THEREFORE, BE IT RESOLVED, that the Santa Clarita Valley Water Agency's Board of Directors finds the Project exempt from CEQA pursuant to CEQA Guidelines Section 15301, and alternatively, exempt from CEQA under CEQA Guidelines Section

15302.

RESOLVED FURTHER that the Santa Clarita Valley Water Agency's Board of Directors authorizes its General Manager to accept Fleming Environmental Inc's bid and does therefore authorize the Agency's General Manager or its Chief Engineer to issue a Notice of Award to Fleming Environmental Inc, hereby found to be the "lowest responsive responsible bidder" for the RVWTP Underground Diesel Storage Tank Replacement Improvements for the total sum of \$1,388,771.

RESOLVED FURTHER that the Agency's General Manager or its President and Secretary are thereupon authorized, upon receipt of appropriate payment and performance bonds, appropriate certificates of insurance and an executed Contract Agreement from Fleming Environmental Inc, all of which must be approved by General Counsel, to execute the said Contract Agreement on behalf of the Agency.

RESOLVED FURTHER that the Agency's General Manager or Chief Engineer are thereafter authorized to execute and forward to Fleming Environmental Inc an appropriate Notice to Proceed.

RESOLVED FURTHER that the Santa Clarita Valley Water Agency's Board of Directors authorizes its General Manager to issue a purchase order to Lee + Ro for engineering services during construction for RVWTP Underground Diesel Storage Tank Replacement Project for an amount not-to-exceed \$210,000.

RESOLVED FURTHER that the Santa Clarita Valley Water Agency's Board of Directors authorizes its General Manager to issue a purchase order to Kennedy Jenks Consultants, Inc for construction management and inspection services for RVWTP Underground Diesel Storage Tank Replacement Project for an amount not-to-exceed \$405,000.

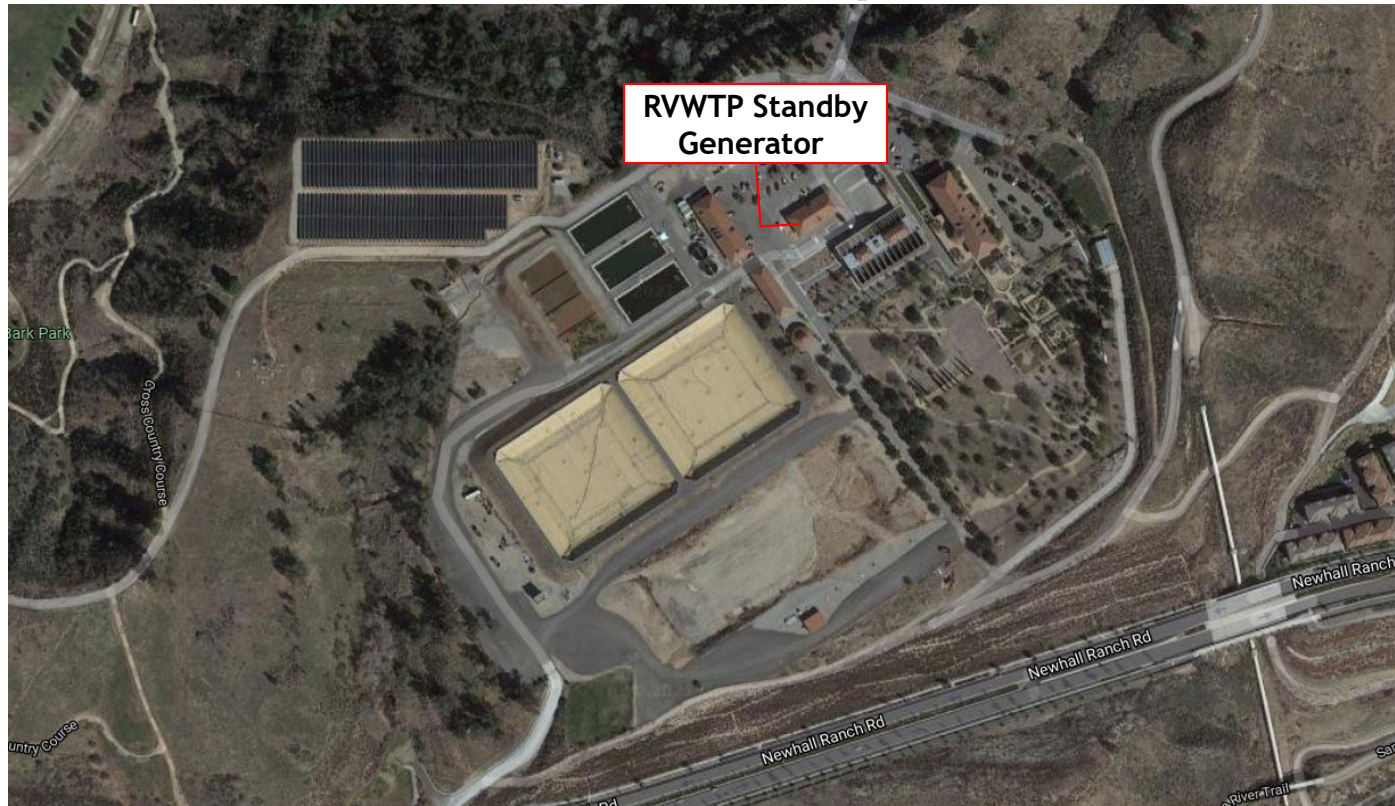


July 6, 2023

Rio Vista Water Treatment Plant Underground Diesel Fuel Storage Tank Replacement Project

Engineering and Operations
Committee Meeting

RVWTP Underground Diesel Fuel Storage Tank Replacement Project Location Map



YOURSCVWATER.COM



RVWTP Underground Diesel Fuel Storage Tank Replacement Project

Existing Generator and UST



- An existing 8,000-gallon underground storage tank (UST) provides fuel storage for the Rio Vista Water Treatment Plant (RVWTP) Standby Generator.
- The existing UST has reached the end of its useful life and has been selected for replacement.
- Tank will be replaced with a new 8,000-gallon diesel fuel storage tank located above ground and a new 100-gallon day fuel day tank installed inside the existing engine generator room.
- Location of the new storage tank will be just south of the existing Ozone Building

Existing Day tank

Existing Generator



RVWTP Underground Diesel Fuel Storage Tank Replacement Project 3D Rendering



RVWTP Underground Diesel Fuel Storage Tank Replacement Project Bid Analysis

- Staff advertised project on PlanetBids on February 23, 2023
- Project was advertised in *The Signal* on February 25, March 4 and March 7, 2023
- Bids were electronically opened on May 31, 2023

Bidder	Bidder Office Location	Total Bid Price
Fleming Environmental Inc	Fullerton, CA	\$1,388,771.00
Pacific Hydrotech Corporation	Perris, CA	\$1,542,440.00

***Engineer's Estimate \$1,310,000.00**

***SCV Water's Objective and Strategic Plan Objective B.5.1:** "Maintain all facilities and appurtenances in a consistent fashion to achieve operational efficiency and functionality."

RVWTP Underground Diesel Fuel Storage Tank Replacement Project Lee + Ro Proposal

Engineering Services During Construction:

Submittals, RFIs, meetings, etc.	\$200,000
<u>Project Closeout and Record Drawings</u>	<u>10,000</u>
Total	\$210,000

Total Recommended Time and Materials Not to Exceed Budget \$210,000.



RVWTP Underground Diesel Fuel Storage Tank Replacement Project Kennedy Jenks Consultants, Inc Proposal

Construction Management and Inspection Services:

Construction Management and Inspection Services	\$375,000
<u>Material Testing</u>	<u>\$30,000</u>
Total	\$405,000

Total Recommended Time and Materials Not to Exceed Budget \$405,000



RVWTP Underground Diesel Fuel Storage Tank Replacement Project

Project Schedule

- Construction Award Phase:
 - July 6, 2023: Engineering and Operations Committee
 - July 18, 2023: Board Meeting
- Construction Phase:
 - August 2023: Notice to Proceed
 - August 2023 to September 2024: Construction (330 calendar days)



RVWTP Underground Diesel Fuel Storage Tank Replacement Project Project Recommendation

That the Engineering and Operations Committee recommends that the Board of Directors:

- (1) Approve adopting the resolution awarding a contract to Fleming Environmental Inc for the RVWTP UST Replacement Improvements Project for \$1,388,711; and
- (2) Authorize the General Manager to execute a purchase order for engineering services during construction with Lee + Ro for an amount not to exceed \$210,000; and
- (3) Authorize the General Manager to execute a purchase order for construction management and inspection services with Kennedy Jenks Consultants, Inc for an amount not to exceed \$405,000; and
- (4) Find the contract agreement exempt from CEQA pursuant to CEQA Guidelines Section 15301, and alternatively, exempt from CEQA under CEQA Guidelines Section 15302;



[This page intentionally left blank.]



Monthly Operations & Production Report

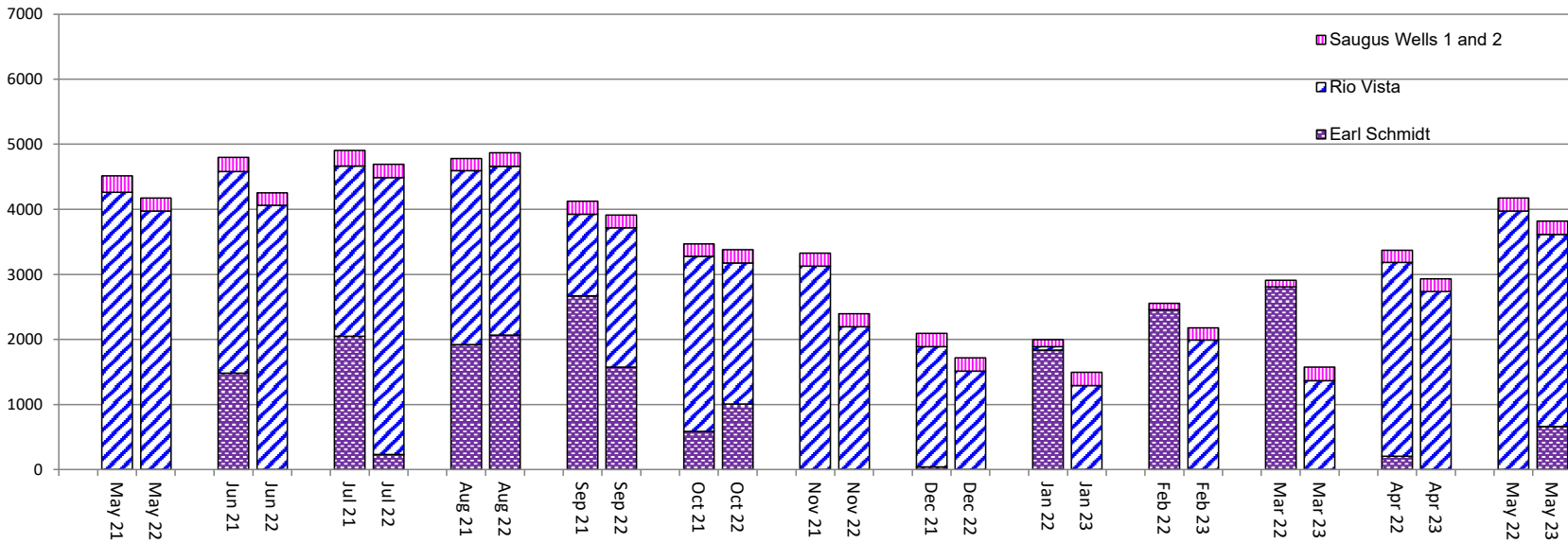
May 2023

[This page intentionally left blank.]

SANTA CLARITA VALLEY WATER AGENCY

May 2023 Regional Operations Report

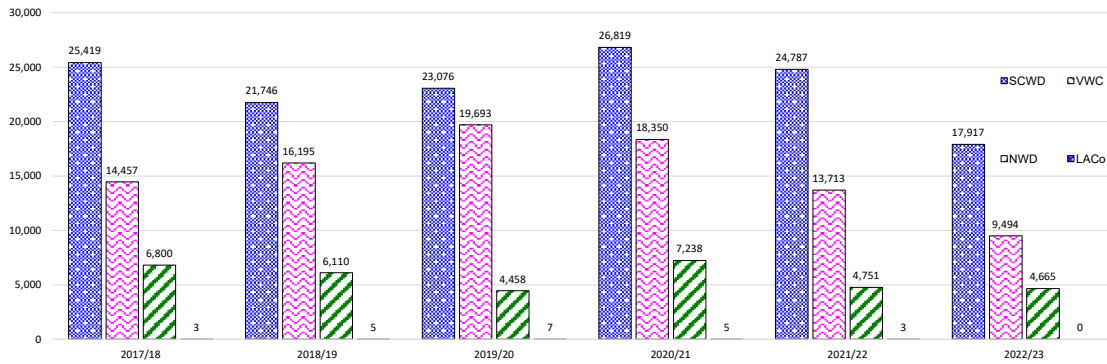
Water Supply (acre-feet)



Source	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Total
Earl Schmidt	0	0	234	2068	1576	874	0	0	0	0	0	1	661	12067
Rio Vista	3975	4064	4257	2595	2140	2167	2200	1513	1291	1994	1368	2735	2955	36286
Saugus 1 and 2	202	191	203	205	196	204	196	204	204	186	207	198	204	3088
Total	4177	4255	4694	4868	3912	3245	2396	1717	1495	2180	1575	2934	3820	28828
Total Sold	4210	4279	4759	4720	3685	3290	2339	1721	1383	2079	1470	2873	3757	51581.86
RVWTP Use/Storage	38.57	33.15	83.45	32.6	25.22	42.63	33.74	21.04	16.55	-19.31	51.13	-13.78	6.44	353.03
Total Use	4248.57	4312.15	4842.45	4752.6	3710.22	3332.63	2372.74	1742.04	1399.55	2059.69	1521.13	2859.22	3763.3	36217.22
Water Loss	1.71%	1.34%	3.16%	-2.37%	-5.16%	2.70%	-0.97%	1.46%	-6.38%	-5.52%	-3.42%	-2.54%	-1.48%	0.89%
Recycled Water	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Total
Valencia	10	56	43	49	46	38	36	10	0.9	0.3	5.6	0.2	17.9	364.9

* Water loss includes water usage at Rio Vista Water Treatment Plant facilities and system storage.

HISTORICAL FY Production 2017-2023



HISTORICAL FY PRODUCTION 2016-2022

2017/18	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	3,085	3,035	2,589	2,462	1,922	1,955	1,578	1,580	969	1,905	2,076	2,264	25,419
VWC	2,089	1,723	1,184	1,260	966	989	853	676	619	1,160	1,336	1,622	14,457
NWD	785	856	845	801	640	556	253	275	157	349	473	808	6,800
LACo	0	0	0	0	0	0	0	1	0	0	1	0	3
Total	5,958	5,615	4,619	4,522	3,528	3,481	2,684	2,532	1,746	3,414	3,885	4,695	46,680
Cum. FYTD	5,958	11,573	16,192	20,714	24,242	27,723	30,407	32,939	34,685	38,099	41,984	46,680	
2018/19	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,694	2,816	2,535	2,174	1,882	1,274	1,110	493	1,177	1,770	1,632	2,189	21,746
VWD	1,921	2,026	1,743	1,300	1,084	459	513	232	1,205	1,819	1,701	2,193	16,195
NWD	1,023	1,012	881	537	382	214	181	76	352	428	422	603	6,110
LACo	1	0	0	1	0	0	1	1	1	0	0	0	5
Total	5,639	5,855	5,160	4,011	3,349	1,947	1,805	802	2,735	4,016	3,754	4,985	44,057
Cum. FYTD	5,639	11,494	16,654	20,665	24,014	25,961	27,766	28,567	31,302	35,318	39,072	44,057	
2019/20	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,610	2,743	2,475	2,310	1,845	980	1,207	1,416	1,212	1,368	2,358	2,552	23,076
VWD	2,491	2,518	2,348	2,145	1,526	604	957	762	919	1,066	2,171	2,186	19,693
NWD	721	518	492	422	280	130	188	232	177	226	475	597	4,458
LACo	2	0	0	1	1	0	1	0	0	0	0	0	7
Total	5,823	5,779	5,316	4,879	3,651	1,715	2,353	2,411	2,309	2,660	5,004	5,336	47,234
Cum. FYTD	5,823	11,602	16,918	21,796	25,448	27,162	29,515	31,926	34,235	36,894	41,898	47,234	
2020/21	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,849	3,117	2,792	2,470	1,907	1,907	1,548	1,423	1,590	2,080	2,428	2,709	26,819
VWD	2,316	2,257	2,115	1,915	1,653	1,324	904	892	962	1,233	1,383	1,395	18,350
NWD	882	999	963	584	490	375	313	347	318	573	689	705	7,238
LACo	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	6,048	6,373	5,870	4,970	4,050	3,605	2,766	2,662	2,871	3,887	4,500	4,809	52,413
Cum. FYTD	6,048	12,422	18,292	23,262	27,312	30,918	33,683	36,346	39,216	43,103	47,603	52,413	
2021/22	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,950	2,924	2,593	2,053	1,941	1,255	1,331	1,547	1,800	1,865	2,217	2,311	24,787
VWD	1,381	1,439	1,386	1,172	1,158	690	634	799	984	1,040	1,540	1,489	13,713
NWD	700	705	581	358	291	167	140	247	292	338	453	480	4,751
LACo	1	1	0	0	0	0	0	0	0	0	0	0	3
Total	5,030	5,070	4,559	3,585	3,390	2,113	2,106	2,593	3,075	3,243	4,210	4,279	43,253
Cum. FYTD	5,030	10,100	14,660	18,244	21,634	23,747	25,852	28,445	31,521	34,764	38,974	43,253	
2022/23	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,536	2,603	2,202	2,047	1,398	1,039	850	1,129	799	1,494	1,820	0	17,917
VWD	1,664	1,667	1,119	818	580	399	263	506	307	841	1,330	0	9,494
NWD	558	451	364	425	360	284	270	444	364	538	607	0	4,665
LACo	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,759	4,720	3,685	3,290	2,339	1,721	1,383	2,079	1,470	2,873	3,757	0	32,077
Cum. FYTD	4,759	9,479	13,164	16,455	18,793	20,515	21,897	23,976	25,446	28,320	32,077	32,077	

*Total does not include recycled water.

Santa Clarita Valley Water Agency
Summary of Annual Precipitation
October 1st through September 30th
(Total in Inches)

	<i>2001-02</i>	<i>2002-03</i>	<i>2003-04</i>	<i>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>
October	0.22	0.00	1.10	4.79	1.91	0.42	0.25	0.09	4.04	1.34	1.97
November	3.18	3.01	0.63	0.64	0.59	0.05	0.50	1.78	0.08	1.87	2.50
December	1.30	5.85	2.57	8.54	0.14	0.83	2.67	3.01	4.28	11.97	1.19
January	1.55	0.00	0.65	17.06	3.27	1.66	17.54	0.69	9.13	0.96	1.23
February	0.51	9.03	8.07	16.69	3.78	1.38	1.82	6.78	4.96	5.36	0.13
March	0.38	2.38	0.37	2.70	5.68	0.17	0.10	1.18	0.69	8.86	4.99
April	0.05	2.35	0.20	1.42	4.22	0.71	0.07	0.07	2.40	0.12	4.02
May	0.12	1.70	0.00	0.45	0.99	0.00	0.17	0.01	0.07	0.74	0.01
June	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.04	0.00
July	0.00	0.02	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.00
August	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.01
September	0.02	0.00	0.00	0.17	0.00	1.32	0.00	0.00	0.00	0.00	0.02
TOTAL	7.34	24.34	13.59	52.55	20.58	6.58	23.12	13.64	25.65	31.27	16.07
	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>2019-20</i>	<i>2020-21</i>	<i>2021-22</i>	<i>2022-23</i>
October	0.15	0.11	0.32	0.17	0.43	0.00	0.52	0.01	0.04	1.22	0.08
November	2.20	1.41	0.64	0.21	1.49	0.06	1.87	2.61	0.14	0.04	1.89
December	1.54	0.37	6.16	0.49	3.44	0.01	2.77	5.12	1.40	13.86	6.02
January	1.94	0.06	1.44	6.07	10.30	3.18	8.08	0.54	2.08	0.40	10.20
February	0.42	5.26	0.74	0.69	8.98	0.35	8.56	0.12	0.03	0.00	8.82
March	1.21	1.64	1.09	2.75	0.33	7.50	4.15	5.81	0.84	1.96	6.73
April	0.00	0.31	0.16	0.37	0.09	0.02	0.09	4.45	0.01	0.12	0.00
May	0.74	0.00	0.66	0.09	0.26	0.01	1.60	0.16	0.00	0.00	0.67
June	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00
July	0.08	0.02	0.87	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
August	0.00	0.05	0.00	0.02	0.07	0.00	0.00	0.00	0.03	0.00	0.00
September	0.00	0.00	0.78	0.00	0.13	0.02	0.03	0.01	0.00	0.12	0.00
TOTAL	8.28	9.23	12.87	10.87	25.53	11.15	27.68	18.84	4.57	17.72	34.41

Data Source: 2000 - February 2022 SCV Water's Pine Street office; March 2022 onward L.A. County Department of Public Works Newhall - Soledad Canyon Rain Gauge

SANTA CLARITA VALLEY WATER AGENCY
 WATER PRODUCTION 2023 (ACRE-FEET)

GROUNDWATER - ALLUVIUM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C1	19	1	0	0	1								21
C2	8	3	0	0	1								11
C7	25	9	0	0	2								36
CLARK	0	0	0	0	0								0
D	0	0	0	0	0								0
E15	54	26	9	8	31								127
E17	52	37	19	7	22								136
GUIDA	32	18	7	11	24								93
HONBY	0	0	0	0	0								0
LOST CANYON NO.2	0	0	0	0	0								0
LOST CANYON NO.2A	19	18	10	21	37								105
MITCHELL 5B	0	0	0	1	0								2
N	117	108	124	123	109								581
N7	235	139	132	158	165								829
N8	76	127	174	162	157								697
NORTH OAKS CENTRAL	0	0	0	0	0								1
NORTH OAKS EAST	0	0	0	0	0								0
NORTH OAKS WEST	0	0	0	0	0								0
P1	0	0	0	0	0								0
P3	0	0	0	0	0								0
P4	0	0	0	0	0								0
P5	0	0	0	0	0								0
Q2	0	0	0	0	0								0
S6	0	0	0	0	0								0
S7	0	0	0	0	0								0
S8	0	0	0	0	0								1
SAND CANYON	17	15	9	23	36								101
SANTA CLARA	0	0	0	0	0								0
SIERRA	59	34	19	16	11								138
T7	0	0	0	0	0								0
U4	0	0	0	0	0								0
U6	0	0	0	0	0								0
VALLEY CENTER	72	111	133	129	133								578
W9	9	14	3	6	25								57
W10	34	32	5	12	49								132
W11	37	6	4	5	25								77
	865	698	649	682	827	0	0	0	0	0	0	0	3722
GROUNDWATER - SAUGUS													
159	0	0	0	1	1								2
160 - DOM	0	0	1	0	1								2
160 - VGC (not included in % by Source)	3	9	2	28	38								80
201	0	0	0	0	0								0
205	0	0	0	0	0								0
206	7	54	26	102	44								233
207	36	41	21	67	37								202
N12	0	0	0	0	0								0
N13	123	89	57	79	95								443
SAUGUS 1	102	93	104	99	102								499
SAUGUS 2	102	93	103	99	102								498
	373	378	314	475	419	0	0	0	0	0	0	0	1958
TOTAL GROUNDWATER	1238	1076	963	1157	1246	0	0	0	0	0	0	0	5681

SANTA CLARITA VALLEY WATER AGENCY
 WATER PRODUCTION 2023 (ACRE-FEET)

SURFACE WATER + SAUGUS 1 & SAUGUS 2	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
N-1	27	76	81	123	144								450
N-2	70	91	59	114	146								480
N-3	99	161	146	217	212								835
N-4	74	116	77	84	105								457
SC-1	89	103	69	133	148								541
SC-2	129	124	98	168	239								759
SC-3	55	67	52	93	115								382
SC-4	71	103	36	193	303								705
SC-5	51	90	61	120	145								468
SC-6	48	93	78	119	95								432
SC-7	72	115	96	162	176								622
SC-8	131	199	117	150	178								775
SC-9	136	114	108	161	196								714
SC-10	0	1	1	30	30								63
SC-11	0	0	0	0	0								0
SC-12	33	70	47	106	123								379
SC-13	37	50	35	59	73								253
V-1	53	89	80	167	212								601
V-2	42	129	31	195	174								570
V-4	2	35	16	80	123								256
V-5	69	101	62	152	241								624
V-6	49	66	49	102	127								392
V-7	29	88	69	133	214								533
V-8	3	0	0	12	240								255
	1366	2079	1470	2873	3757	0	0	0	0	0	0	0	11546
Less Raw Water Input v. Output Correction						0	0	0	0	0	0	0	0
TOTAL SURFACE WATER - SAUGUS 1 & SAUGUS 2	1163	1894	1264	2675	3553	0	0	0	0	0	0	0	10548
TOTAL PRODUCTION (GW + SURFACE WATER)	2401	2970	2227	3832	4800	0	0	0	0	0	0	0	16229
% BY SOURCE													
GROUNDWATER	52%	36%	43%	30%	25%								35%
SURFACE WATER	48%	64%	57%	70%	75%								65%
Less Metered Non-System Groundwater to Waste	3.4	2.2	0.4	1.5	1.3								8.8
Total Net Water	2397	2968	2226	3831	4798	0	0	0	0	0	0	0	16220
<hr/>													
RAW WATER - SOURCE													
RWWTP	1,291	1,994	1,368	2,735	2,955								10,343
ESFP	0	0	0	1	661								662
RECYCLED WATER													
RWPS 1 - Based on customer billing month	0.9	0.3	5.6	0.2	17.9								25
WHOLESALE - LA COUNTY WATERWORKS 36	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
LA 1	0	0	0	0	0								0
LA 3	0	0	0	0	0								0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

[This page intentionally left blank.]



**HISTORICAL PRODUCTION
and
GROUNDWATER LEVEL GRAPHS
MAY 2023**

Historical Production and Groundwater level graphs are posted monthly on the SCV Water Website and the most recent data can be found at the link below;

- <https://www.yourscvwater.com/sites/default/files/SCVWA/your-water/plans-and-reports/well-water-levels/Well-Water-Production-and-Levels-May-2023.pdf>

- Groundwater level graphs for the 45 wells currently in operation show static water level depth below ground surface (bgs) from 1987 to the current month. Each well also has a second water level graph showing levels for the most recent five year period. Static Water Level refers to the level of water in a well under normal, non-pumping conditions. The graphs also show annual precipitation and historic high and low static water levels. Leading data gaps in the graphs indicate time frame before well became ACTIVE. Other gaps may appear during periods when water level soundings were not completed.

- The historical data tables show the production from each well in Acre-Feet from 1987 to present. Historical data labeled “NA” in the production table means that the particular well(s) were not in production at that time.

[This page intentionally left blank.]

Santa Clarita Valley Water Agency
Capital Improvement Projects (CIP) Construction Status Report
As of June 15, 2023

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
Newhall Tanks 1 and 1A – Tank Upgrades	Paso Robles Tanks, Inc.	\$299,500	\$0	0%	\$299,500	July 14, 2023	98%	Construction closeout is in progress.
Vista Canyon (Phase 2B) Recycled Water Tanks	Pacific Tank and Construction, Inc.	\$3,906,870	\$390,585	9.99%	\$4,213,175.42	July 14, 2023	98%	Construction closeout is in progress.
Vista Canyon Recycled Water Main Extension (Phase 2B)	Ferreira Construction Co, Inc.	\$2,752,982	(\$ 44,494)	(1.6%)	\$2,708,488	July 15, 2023	100%	Construction closeout in progress. Review of outstanding change orders is in progress.
Magic Mountain Pipeline Phase 4	FivePoint / Toro Enterprises	\$3,084,725	\$212,288.56	6.9%	\$3,297,013.56	September 30, 2023	98%	Construction is in progress.
Magic Mountain Pipeline Phase 5	FivePoint / Toro Enterprises	\$3,269,978.85	\$0	0%	\$3,269,978.85	September 30, 2023	95%	Construction is in progress.
Magic Mountain Pipeline Phase 6A	FivePoint / Toro Enterprises	\$7,168,844.85	\$0	0%	\$7,168,844.85	September 30, 2023	90%	Construction is in progress.
Magic Mountain Pipeline Phase 6B	FivePoint / Leatherwood Construction	\$4,568,687.07	\$0	0%	\$4,568,687.07	September 30, 2023	92%	Construction is in progress.
Bridgeport Pocket Park	C.S. Legacy Construction, Inc.	\$373,147.60	\$0	0%	\$373,147.60	October 31, 2023	26%	Construction is in progress.
Santa Clara & Honby Wells PFAS Groundwater Treatment Improvements Site Construction	Pacific Hydrotech Corporation	\$8,486,950	\$0	0%	\$8,486,950	December 31, 2023	50%	Construction is in progress.

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
ESFP Wastewater Return Improvements	Pacific Hydrotech Corporation	\$17,526,700	\$0	0%	\$17,526,700	December 31, 2023	71%	Construction is in progress.
Dickason Drive Water Line Improvements	J Vega Engineering, Inc.	\$1,909,510.50	\$0	0%	\$1,909,510.50	December 31, 2023	0%	Material submittals are in progress.
Saugus #3 & #4 Wells Construction (Replacement Wells)	Zim Industries, Inc.	\$12,751,494	\$0	0%	\$12,751,494	January 31, 2024	35%	Construction is in progress.
Pitchess Pipeline Modifications	Los Angeles County Metropolitan Transportation Authority	\$159,000	\$0	0%	\$159,000	May 1, 2024	0%	Pipeline modifications scheduled to start February 2024.
Deane Pump Station at Skyline Ranch	Pacific Hydrotech Corporation	\$381,645 (SCV Water Fair Share)	\$0	0%	\$381,645	August 20, 2024	10%	Material submittals are in progress.
Deane Tank at Skyline Ranch (Cost Share)	Pacific Hydrotech Corporation	\$3,123,943 (SCV Water Fair Share)	\$5,220.28	0.17%	\$3,123,943	August 20, 2024	15%	Material submittals are in progress. Contractor started excavation for tank foundation.
Well 201 VOC Treatment Improvements	Pacific Hydrotech Corporation	\$7,726,700	\$0	0%	\$7,726,700	February 1, 2025	5%	Material submittals are in progress.

Engineering and Operations Committee
Planning Calendar
FY 2023/24

	Item	July 6 Comm	July 18 Board	Aug 1 Board	Aug 3 Comm	Aug 15 Board	Sept 5 Board	Sept 6 Comm	Sept 19 Board	Oct 3 Board	Oct 5 Comm	Oct 17 Board	Nov 2 Comm	Nov 7 Board	Nov 21 Board	Dec 5 Board	Dec 7 Comm	Dec 19 Board	Jan 2 Board	Jan 4 Comm	Jan 16 Board	Feb 1 Comm	Feb 6 Board	Feb 20 Board	March 5 Board	March 7 Comm	March 19 Board	April 2 Board	April 4 Comm	April 16 Board	May 2 Comm	May 7 Board	May 21 Board	June 4 Board	Jun 6 Comm	June 18 Board	July 2 Board			
1	Monthly Committee Planning Calendar	P			P			P			P		P				P			P		P				P			P							P				
2	CIP Construction Status Report	P			P			P			P		P				P			P		P				P			P								P			
3	Monthly Operations and Production Report	P			P			P			P		P				P			P		P				P			P								P			
4	Third Party Funded Agreements Quarterly Report				P								P									P																		
5	Quarterly Safety Program Presentation				P								P									P																		
6	Annual Safety Program Update						P																																	
7	Real Property Activity Report							P																		P														
8	Review and Consider the Proposed FY 2024/25 and FY 2025/26 Capital Improvement Projects																												P											
9	Chapter 8 Agreement Properties				T	T																																		
10	Recommend Approval of Adopting a Resolution to Approve the Initial Study- Mitigated Negative Declaration Under the California Environmental Quality Act and a Purchase Order to Hazen and Sawyer for Final Engineering Services for the S Wells PFAS Treatment and Disinfection Facility Project		P																																					
11	Recommend Approval of Adopting a Resolution Authorizing the Santa Clarita Valley Water Agency's General Manager to Apply for Funding From the State Water Resources Control Board's Expedited Drinking Water Grant Program on Behalf of New Mint Association For Distribution System Consolidation	P	P																																					
12	Recommend Approval of Adopting a Resolution Authorizing the General Manager to (1) Approve a Contract Amendment to Pacific Hydrotech Corporation for Additional Change Orders and (2) Execute a Purchase Order Amendment to Lee+Ro, Inc. for Engineering Support During Construction for the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project	P	P																																					
13	Recommend Approval of (1) Adopting a Resolution of a Purchase Order to West Yost Associates for Planning Services for the Rio Vista Water Treatment Plant Turbidity Improvements Project, and (2) Finding that the Authorization is Not a Project Subject to CEQA	P	P																																					

P - Planned
T-Tentative
C- Completed

**Engineering and Operations Committee
Planning Calendar
FY 2023/24**

	Item	July 6 Comm	July 18 Board	Aug 1 Board	Aug 3 Comm	Aug 15 Board	Sept 5 Board	Sept 6 Comm	Sept 19 Board	Oct 3 Board	Oct 5 Comm	Oct 17 Board	Nov 2 Comm	Nov 7 Board	Nov 21 Board	Dec 5 Board	Dec 7 Comm	Dec 19 Board	Jan 2 Board	Jan 4 Comm	Jan 16 Board	Feb 1 Comm	Feb 6 Board	Feb 20 Board	March 5 Board	March 7 Comm	March 19 Board	April 2 Board	April 4 Comm	April 16 Board	May 2 Comm	May 7 Board	May 21 Board	June 4 Board	Jun 6 Comm	June 18 Board	July 2 Board		
14	Recommend Approval of Adopting (1) a Resolution for Construction Contract with Fleming Environmental Inc, (2) a Purchase Order to Lee + Ro for Engineering Services During Construction and (3) a Purchase Order to Kennedy Jenks Consultants, Inc for Construction Management and Inspection Services During Construction and (4) Find the Contract Agreement Exempt From CEQA Pursuant to CEQA Guidelines Section 15301, and Alternatively, Exempt from CEQA Under CEQA Guidelines Section 15302	P	P																																				
15	Recommend Approval to Replace Approximately 650 feet of Pipeline and Associated Appurtenances in Beneda Lane	P		P																																			
16	Recommend Approval of Acquisition of Real Property 3.8 +/- Acres in Newhall, Los Angeles County Assessor's Parcel Nos. 2859-002-024, -025, 2855-011-034 and -035					P																																	
17	Recommend Approval of Pipeline Improvements for Begonias Lane				P	P																																	
18	Recommend Approval of the Purchase of a DeNora ClorTec Onsite Sodium Hypochlorite Generation System for the Fair Oaks Reservoir Management System				P	P																																	
19	Recommend Approval of Adopting a Resolution Awarding a Contract for the North Oaks Water Storage Tanks 1 and 4 Coating Project				P	P																																	
20	Recommend Approval of Adopting a Resolution Awarding Construction Contract for Pipeline to Los Angeles Residential Community						P	P																															
21	Recommend Authorization for the General Manager to Execute a Purchase Order Amendment for Additional Design Services for Saugus Wells 3 & 4 Project						P	P																															
22	Recommend Approval of the Pipeline Improvements for Vasquez Canyon						P	P																															
23	Recommend Approval of Adopting a Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for Valencia Market Place Pipeline Improvements										P	P																											

P - Planned
T-Tentative
C- Completed

[This page intentionally left blank.]