BOARD OF DIRECTORS REGULAR MEETING

DATE :
September 16, 2026

TIME:
8:00 A.M.

1021 E. Miramar Avenue | Claremont, CA 91711

www.threevalleys.com

909.621.5568

The mission of Three Valleys Municipal Water District is to supplement and enhance local water supplies to meet our region's needs in a reliable and cost-effective manner.

THREE VALLEYS MUNICIPAL WATER DISTRICT
REGULAR BOARD MEETING AGENDA

1021 E. Miramar Avenue, Claremont, CA 91711
September 16, 2026 – 8:00 AM

The mission of Three Valleys Municipal Water District is to supplement and enhance local water supplies to meet our region's needs in a reliable and cost-effective manner.

NOTICE OF VIDEOCONFERENCE/TELECONFERENCE ACCESSIBILITY

Three Valleys MWD will hold this meeting of its Board of Directors on the date and time, and at the location set forth above. The public may participate in the meeting by physical attendance at the meeting or by videoconference or teleconference utilizing the following links:

Link to join webinar: https://tvmwd.zoom.us/j/89547085106

OR

Dial in: (669) 900-9128, Webinar ID: 895 4708 5106

Any member of the public wishing to participate in public comment may do so in any of the following manners: (1) by using the "Raise Hand" feature on the Zoom platform and when prompted by the Board President during the public comment period, (2) by filling out the electronic speaker's card at the following link https://arcg.is/0z5GqO prior to the close of public comment, (3) by sending an email to PublicComment@tvmwd.com prior to the close of public comment, or (4) those attending the meeting in person may complete a speaker's card and provide it to the Executive Board Secretary prior to the close of public comment.

1. CALL TO ORDER — TI

2. ROLL CALL — AGUIRRE

   Mike Ti, President
   Carlos Goytia, Vice President
   David De Jesus, Secretary/Treasurer
   Bob Kuhn, Director
   Jorge Marquez, Director
   Jody Roberto, Director
   Division III, Vacant

3. FLAG SALUTE — TI

4. DIRECTOR REMOTE PARTICIPATION PURSUANT TO SB 707 [Government Code Section 54953.8.3] – Notification Due to Just Cause — TI

5. AGENDA REORDER/ADDITIONS [Government Code Section 54954.2(b)(2)] TI

Additions to the agenda may be considered when two-thirds of the board members present determine a need for immediate action, and the need to act came to the attention of TVMWD after the agenda was posted; this exception requires a degree of urgency. If fewer than two-thirds of the board members are present, all must affirm the action to add an item to the agenda. The Board shall call for public comment prior to voting to add any item to the agenda after posting.

6. PUBLIC COMMENT (Government Code Section 54954.3) TI

Opportunity for members of the public to directly address the Board on items of public interest within its jurisdiction. The public may also address the Board on items being considered on this agenda. TVMWD requests that all public speakers complete a speaker's card and provide it to the Executive Board Secretary.

We request that remarks be limited to three minutes or less. Pursuant to Government Code Section 54954.3, if speaker is utilizing a translator, the total allotted time will be doubled.

7. SPECIAL RECOGNITION OF CHIEF ADMINISTRATIVE OFFICER KIRK HOWIE UPON HIS RETIREMENT & PRESENTATION OF COMMENDATIONS LITCHFIELD

8. CONSENT CALENDAR TI

The Board will consider consent calendar items 8.A – 8.M. Consent calendar items are routine in nature and approved by a single motion. Any member of the Board may request to pull a specific item from the consent calendar for further discussion.

8.A RECEIVE, APPROVE, AND FILE BOARD MEETING MINUTES

- June 3, 2026 – Regular Board Meeting
- June 17, 2026 – Regular Board Meeting
- June 24, 2026 – Adjourned Regular Board Meeting
- July 15, 2026 – Special Board Meeting

8.B RATIFY FINANCIAL REPORTS, JUNE & JULY 2026

- Warrant Summary Disbursements, June 2026
- Warrant Summary Disbursements, July 2026

8.C RECEIVE, APPROVE, AND FILE FINANCIAL REPORTS AND INVESTMENT UPDATE, AUGUST 2026

- Change in Cash and Cash Equivalents Report
- Investment Portfolio Performance and Compliance Summary
- YTD District Budget Monthly Status Report
- Warrant List

8.D IMPORTED WATER SALES, AUGUST 2026

The Board will review the imported water sales report for August 2026.

8.E MIRAMAR OPERATIONS REPORT, AUGUST 2026

The Board will review the Miramar Operations report for August 2026.

8.F RATIFY DIRECTOR EXPENSE REPORTS, JUNE & JULY 2026

The Board will ratify Director expense reports for June and July 2026.

8.G APPROVAL OF DIRECTOR EXPENSE REPORTS, AUGUST 2026

The Board will consider approval of the August 2026 Director expense reports that include disclosure of per diem requests for meeting attendance and itemization of any expenses incurred by TVMWD.

8.H APPROVAL OF CONTRACT COMPLIANCE REVIEW POLICY UPDATE

The Board will consider approval of the updated Contract Compliance Review Policy.

8.I APPROVAL OF RESOLUTION NO. 26-09-1032 TAX SHARING EXCHANGE COUNTY LIGHTING MAINTENANCE DISTRICT 1687

Approval of Resolution No. 26-09-1032 signifies acceptance of the tax sharing exchange by County Lighting Maintenance District 1687.

8.J APPROVAL OF RESOLUTION NO. 26-09-1033 RECOGNIZING CHIEF ADMINISTRATIVE OFFICER KIRK HOWIE UPON HIS RETIREMENT

8.K APPROVAL OF RESOLUTION NO. 2026-09-1034 ADOPTING THE FINAL WATER RESOURCES MASTER PLAN AND REGIONAL DROUGHT CONTINGENCY PLAN

8.L AWARD THE CONTRACT FOR MIRAMAR PIPELINE CONDITION INSPECTION – LEG 1

The Board will consider awarding a contract for the Miramar pipeline condition inspection – leg 1 to Insight Water Technologies.

8.M APPROVAL OF SALARY SCHEDULE EFFECTIVE JULY 1, 2026

BOARD ACTION REQUIRED ITEM 8.A – 8.M

Staff Recommendation: Approve as Presented

9. ACTION AGENDA

The following items on the Action Agenda call for discussion and action by the Board. All items are placed on the agenda so that the Board may discuss and take action on the item if the Board is so inclined.

9.A COST SHARING AGREEMENT WITH SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT FOR GOLDEN MUSSEL MITIGATION — GOMEZ

BOARD ACTION REQUIRED ITEM 9.A

Staff Recommendation: Approve as Presented

10. REPORTS — LITCHFIELD

The Executive Leadership Team will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.

10.A METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE — DE JESUS

10.B LEGISLATIVE UPDATE — HOWIE

10.C CONSERVATION PROGRAMMING UPDATE — TURNER

10.D EDUCATION AND OUTREACH UPDATE — TURNER

11. DIRECTORS'/GENERAL MANAGER'S ORAL REPORTS — TI

Directors may report on activities for meetings to which they are assigned to serve as the representative or alternate of TVMWD and on other areas of interest.

12. CLOSED SESSION TI

12.A CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION [Government Code Section 54956.9(d)(1)]

Name of Case: Chino Basin Municipal Water District v. City of Chino, et al., San Bernardino County Superior Court Case No. RCV RS 51010

12.B CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Significant exposure to litigation pursuant to Government Code section 54956.9(d)(2): One potential case

12.C CONFERENCE WITH LEGAL COUNSEL – POTENTIAL LITIGATION

Significant exposure to litigation pursuant to Government Code section 54956.9(d)(2): One potential case

13. FUTURE AGENDA ITEMS TI

14. ADJOURNMENT AND NEXT MEETING TI

The Board will adjourn to a regular Board of Directors meeting on October 7, 2026 at 8:00 AM.

In compliance with the Americans with Disabilities Act Government Code Section 54954.2(a), if special assistance is needed to participate in this public meeting, please contact the Executive Board Secretary at (909) 621-5568 at least 24 hours prior to the meeting.

Pursuant to Government Code Section 54957.5, materials related to an item on this agenda submitted after distribution of the agenda packet will be posted on the TVMWD website at.

Three Valleys MWD Board meeting packets and agendas are available for review at www.threevalleys.com

THREE VALLEYS MUNICIPAL WATER DISTRICT
REGULAR BOARD MEETING MINUTES

1021 E. Miramar Ave., Claremont, CA 91711
Wednesday, June 3, 2026 | 8:00 a.m.

1. CALL TO ORDER

President Ti called the Board of Directors meeting to order at 8:00 a.m.

2. ROLL CALL

Roll call was taken with a quorum of the Board present.

DIRECTORS PRESENT
Mike Ti, President
Carlos Goytia, Vice President
Jeff Hanlon, Secretary/Treasurer
David De Jesus, Director
Bob Kuhn, Director
Jody Roberto, Director

DIRECTORS ABSENT
Jorge Marquez, Director

STAFF PRESENT
Matthew Litchfield, General Manager
Steve Kennedy, Legal Counsel
Brittany Aguilar, Finance Manager
Nadia Aguirre, Executive Board Secretary
Freeman Ensign, Operations Supervisor
Erika Gomez, Chief Finance Officer
Karen Harberson, Compliance Analyst
Kirk Howie, Chief Administrative Officer
Steve Lang, Chief Operations Officer
Sylvie Lee, Chief Water Resources Officer
Joshua Olivares-Hernandez, Finance Analyst
Kevin Panzer, Principal Engineer
Brian Pen, Water Resources Analyst
Alvin Ramos, I.T. Analyst
Marissa Turner, Admin. Communications Assistant

Virtual Attendees: Ed Chavez, Upper San Gabriel Valley Municipal Water District; Alanna Diaz, Walnut Valley Water District; Kelly Gardner, Main San Gabriel Basin Watermaster; Ed Hilden, Walnut Valley Water District; Kara Hooks, Chandler Asset Management; Bruce Knoles, San Gabriel Valley Municipal Water District; Myra Malner, Rowland Water District; Dave Michalko, Covina Valley Water Company; Thomas Monk, Walnut Valley Water District; John Monsen, Sierra Club; Stephanie Moreno, Water Quality Authority; James Ning, Walnut Valley Water District; Michael Miller; Henry Woo, Walnut Valley Water District; 8183971926

In person attendees: Tom Coleman, Rowland Water District; Chris Diggs, City of Pomona; Tony Lima, Rowland Water District; Justin Nakano, Watermaster; Dusty Mosio, Rowland Water District

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3. FLAG SALUTE

President Ti led the flag salute.

4. DIRECTOR REMOTE PARTICIPATION PURSUANT TO SB 707 – Notification Due to Just Cause

All Directors attended the board meeting in person.

5. AGENDA REORDER/ADDITIONS

No reorder or additions to the agenda were requested.

6. PUBLIC COMMENT

John Monsen provided public comment.

7. PUBLIC MEETING REGARDING THE IMPOSITION OF A WATER STANDBY CHARGE FOR FY 2026-27

President Ti opened the public meeting at 8:06 a.m.

Finance Manager Aguilar introduced the draft resolution for the FY 2026–27 Water Standby Charge. The proposed standby charge remains at $29.41 per Equivalent Dwelling Unit, as estimated in the Engineer's Report. A public hearing and consideration of the resolution for adoption are scheduled for the June 17, 2026 Board of Directors meeting. No public testimony was received; the public meeting closed at 8:07 a.m.

8. PUBLIC HEARING – CONSIDER ADOPTION OF THE 2025 REGIONAL URBAN WATER MANAGEMENT PLAN

President Ti opened the public hearing at 8:08 a.m.

Water Resources Analyst Pen presented a summary of the 2025 Regional Urban Water Management Plan (RUWMP), explaining that the plan is required by the California Water Code and updated every five years. The RUWMP, developed in collaboration with six member agencies, evaluates water supplies, demands, population and land use projections, and water supply reliability through 2050. Each participating agency prepared an individual plan to address its specific service-area needs and planning requirements. The RUWMP concludes that MWD can meet 100% of projected imported water demands, and that the District's groundwater storage capacity of approximately 55,000 acre-feet provides

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additional reliability during drought conditions. No public testimony was received; the public hearing closed at 8:10 a.m.

The Board of Directors adopted Resolution No. 26-06-1026 adopting the 2025 Regional Urban Water Management Plan.

Moved: Director Roberto Second: Director De Jesus Ayes: De Jesus, Goytia, Hanlon, Kuhn, Roberto, Ti Noes: Abstain: Absent: Marquez Motion No. 26-06-5565 Adopted Resolution No. 26-06-1026 Motion passed 6-0-0-1

9. PUBLIC HEARING – CONSIDER ADOPTION OF THE 2025 WATER SHORTAGE CONTINGENCY PLAN

President Ti opened the public hearing at 8:11 a.m.

Water Resources Analyst Pen presented a summary of the 2025 Water Shortage Contingency Plan (WSCP), explaining that the plan establishes six water shortage levels, ranging from 10% to greater than 50% water supply reductions, along with corresponding shortage response actions, demand management measures, and emergency response procedures. The WSCP update included only minor grammatical and editorial revisions by GEI Consultants, with no substantive changes.

Rowland Water District General Manager Tom Coleman acknowledged that Mr. Pen did a good job in leading the effort for the region. No other public testimony was received; the public hearing closed at 8:14 a.m.

The Board of Directors adopted Resolution No. 26-06-1027 adopting the 2025 Water Shortage Contingency Plan.

Moved: Director Roberto Second: Director Hanlon Ayes: De Jesus, Goytia, Hanlon, Kuhn, Roberto, Ti Noes: Abstain: Absent: Marquez Motion No. 26-06-5566 Adopted Resolution No. 26-06-1027 Motion passed 6-0-0-1

10. REPORTS

A. REVIEW OF DISTRICT INVESTMENT ACTIVITIES BY CHANDLER ASSET MANAGEMENT

Kara Hooks from Chandler Asset Management presented Three Valleys quarterly investment portfolio review and economic update, reporting that the portfolio continues to meet its primary objectives of safety, liquidity, and yield while remaining in compliance with the California Government Code and the District's Investment Policy. The District's portfolio maintains an average credit quality of AA, an average modified duration of 2.52 years, and an average purchase yield of 4.06%, reflecting the current interest rate environment. Ms. Hooks reported that the portfolio increased by approximately $9,000 during the reporting period and that investment allocations were adjusted through the purchase of additional U.S. Treasury securities to take advantage of higher market yields while maintaining liquidity. Overall, the portfolio remains well-diversified, continues to modestly outperform its benchmark since inception, and is positioned to support the District's investment objectives through changing market conditions.

B. INVESTMENT POLICY REVIEW

Ms. Hooks provided the annual review of Three Valleys' Investment Policy and recommended several updates to align the policy with recent California Government Code changes resulting from Senate Bills 858 and 595. The recommended revisions include enhanced diversification limits for commercial paper and medium-term notes, extension of the maximum maturity for commercial paper to 397 days, and updated investment authorizations through 2031. The proposed amendments are primarily regulatory in nature and are intended to maintain compliance with state law and reflect current investment best practices. Staff will bring this item back to the Board of Directors at its June 17, 2026 meeting for consideration of approval.

C. GENERAL MANAGER WORKPLAN FYE 2027

General Manager Litchfield presented the proposed FY 2026–27 Work Plan, which aligns with the District's Strategic Plan and focuses on infrastructure reliability, water quality, financial sustainability, operational efficiency, workforce development, and regional collaboration. Key initiatives include advancing capital improvement projects, implementing asset management and GIS improvements, enhancing cybersecurity and SCADA resiliency, pursuing grant funding, and continuing planning for golden mussel mitigation and groundwater recharge. The work plan also includes recruitment for several key positions, implementation of districtwide leadership coaching and professional development, and continued engagement with regional agencies on water supply, groundwater

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management, and legislative initiatives. Mr. Litchfield explained that the work plan provides organizational direction while maintaining flexibility to address emerging priorities throughout the fiscal year and that staff will provide the Board with periodic progress updates. Staff will bring this item back to the Board of Directors at its June 17, 2026 meeting for consideration of approval.

11. DIRECTORS' / GENERAL MANAGER'S ORAL REPORTS

A. METROPOLITAN WATER DISTRICT

Director De Jesus reported that MWD is reviewing its process for evaluating its four direct reports, which include the General Manager, General Counsel, General Auditor, and Ethics Officer. Director De Jesus also provided an update on ongoing Colorado River negotiations, noting that there have been no significant developments since his previous report and that discussions remain ongoing.

B. CHINO BASIN WATERMASTER

Director Kuhn had nothing new to report.

C. SAN GABRIEL BASIN WATER QUALITY AUTHORITY

Director Kuhn had nothing new to report.

D. MAIN SAN GABRIEL BASIN WATERMASTER

Director Hanlon had nothing new to report.

E. SIX BASINS WATERMASTER

Director Hanlon had nothing new to report.

F. ADDITIONAL BOARD MEMBER REPORTS

Director Hanlon announced that, effective at the conclusion of the Board meeting, he would step down from the Board of Directors to pursue a career opportunity that conflicts with his continued service to the District. He stated that it had been a privilege and honor to serve with the Board and noted that he would recuse himself from closed session.

Directors stated their appreciation for Director Hanlon and wished him well on his future endeavors.

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G. GENERAL MANAGER'S COMMENTS

General Manager Litchfield had no additional comments.

12. CLOSED SESSION

The Board convened into closed session at 8:55 a.m. to discuss the following items:

A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION [Government Code Section 54956.9(d)(1)]

Name of Case: Chino Basin Municipal Water District v. City of Chino, et al., San Bernardino County Superior Court Case No. RCV RS 51010

B. THREAT TO PUBLIC SERVICES, FACILITIES, OR CRITICAL INFRASTRUCTURE [Government Code Section 54957(a)]

Consultation with: Robert Peng, Information Technology Manager

C. PUBLIC EMPLOYEE PERFORMANCE EVALUATION (Government Code Section 54957)

Title: Matthew H. Litchfield, P.E., General Manager

D. CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

- District Designated Representative: Steven M. Kennedy, General Counsel
- Unrepresented Employee: Matthew H. Litchfield, P.E., General Manager

The Board reconvened into open session at 11:58 a.m. Legal Counsel Kennedy stated that Director Hanlon was not present to discuss items 12.C and 12.D. No reportable action was taken on any of the closed session items.

13. FUTURE AGENDA ITEMS

No future agenda items were requested.

14. ADJOURNMENT AND NEXT MEETING

President Ti adjourned the Board of Directors meeting at 11:59 a.m. to the next regular Board meeting scheduled for Wednesday, June 17, 2026.

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Mike Ti
President, Board of Directors

Recorded by: Nadia Aguirre
Executive Board Secretary

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THREE VALLEYS MUNICIPAL WATER DISTRICT
REGULAR BOARD OF DIRECTORS MEETING MINUTES

1021 E. Miramar Ave., Claremont, CA 91711
Wednesday, June 17, 2026 | 8:00 a.m.

1. CALL TO ORDER

President Ti called the Board of Directors meeting to order at 8:00 a.m.

2. ROLL CALL

Roll call was taken with a quorum of the Board present.

DIRECTORS PRESENT	STAFF PRESENT
Mike Ti, President	Steve Kennedy, Legal Counsel
Carlos Goytia, Vice President	Matthew Litchfield, General Manager
David De Jesus, Director	Dominique Aguiar, Operations Supervisor
Bob Kuhn, Director	Erika Gomez, Chief Finance Officer
Jorge Marquez, Director	Freeman Ensign, Operations Supervisor
Jody Roberto, Director	Karen Harberson, Compliance Analyst
Division III, Vacant	Kirk Howie, Chief Administrative Officer
	Joshua Olivares-Hernandez, Finance Analyst
	Kevin Panzer, Principal Engineer
	Brian Pen, Water Resources Analyst
	Robert Peng, I.T. Manager
	Alivn Ramos, I.T. Analyst
	Viviana Robles, HR & Risk Manager
	Marissa Turner, Admin. Communications Asst.

Virtual Attendees: Russell Ackerman, City of Glendora; Ed Chavez, Upper San Gabriel Valley Municipal Water District; Ed Hilden, Walnut Valley Water District; Bruce Knoles, San Gabriel Valley Municipal Water District; Dave Michalko, Covina Irrigating Water Company; Michael Miller; Toby Moore, Golden State Water Company; Stephanie Moreno, Water Quality Authority; Sherry Shaw, Walnut Valley Water District; Chris Thomas, Harris & Associates; Sonya Williams, Harris & Associates; Henry Woo, Walnut Valley Water District; 13107456518

In person attendees: John Bellah, Rowland Water District; Tom Coleman, Rowland Water District; Tony Lima, Rowland Water District; Myra Malner, Rowland Water District; Dusty Moisio, Rowland Water District; Dinny Rasmussen, League of Women's Voters

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3. FLAG SALUTE

President Ti led the flag salute.

4. DIRECTOR REMOTE PARTICIPATION PURSUANT TO SB 707 - Notification Due to Just Cause

All Directors attended the board meeting in person.

5. AGENDA REORDER/ADDITIONS

No reorder or additions to the agenda were requested.

6. PUBLIC COMMENT

President Ti opened public comment; there was none.

7. CONSENT CALENDAR

The Board of Directors approved consent calendar items 7.A – 7.F:
7.A - Receive, Approve, and File Board Meeting Minutes
- May 20, 2026 – Regular Board Meeting

7.B - Receive, Approve, and File Financial Reports and Investment Update, May 2026
7.C - Imported Water Sales, May 2026
7.D - Miramar Operations Report, May 2026
7.E - Approve Director Expense Reports, May 2026
7.F - Approve Resolution No. 26-06-1028 Investment Policy

Moved: Director Kuhn Second: Director Roberto Ayes: De Jesus, Goytia, Kuhn, Marquez, Roberto, Ti Noes: Abstain: Absent: Motion No. 26-06-5567 Approval of Consent Calendar Items 7.A – 7.F Motion passed 6-0-0-0

8. PUBLIC HEARING – CONSIDER ADOPTION OF THE FY 2026-27 WATER STANDBY CHARGE

President Ti opened the public hearing at 8:04 a.m.

Finance Manager Aguilar reported that the public hearing is the final step in the process for adopting the FY 2026–27 water standby charge. The standby charge will remain unchanged at $29.41 per Equivalent Dwelling Unit. A representative from Harris & Associates was available to answer any questions regarding the Engineer's Report. Being that no public testimony was received, President Ti closed the public hearing at 8:06 a.m.

The Board of Directors adopted Resolution No. 26-06-1029 approving the FY 2026-27 water standby charge.

Moved: Director Roberto Second: Director Marquez Ayes: De Jesus, Goytia, Kuhn, Marquez, Roberto, Ti Noes: Abstain: Absent: Motion No. 26-06-5568 Adopted Resolution No. 26-06-1029 Motion passed 6-0-0-0

9. ACTION AGENDA

A. CONSIDER APPROVAL OF GENERAL MANAGER WORKPLAN FYE 2027

The Board of Directors approved the General Manager Workplan FYE 2027.

Moved: Director Marquez Second: Director Goytia Ayes: De Jesus, Goytia, Kuhn, Marquez, Roberto, Ti Noes: Abstain: Absent: Motion No. 26-06-5569 Approval of General Manager Workplan FYE 2027 Motion passed 6-0-0-0

B. CSDA BOARD OF DIRECTORS ELECTION BALLOT; SEAT C – SOUTHERN NETWORK, TERM 2027-29

The Board of Directors approved submitting a vote for Nikki Winslow for CSDA Board of Directors, Seat C.

Moved: Director Roberto Second: Director De Jesus Ayes: De Jesus, Goytia, Kuhn, Marquez, Roberto, Ti Noes: Abstain: Absent: Motion No. 26-06-5570 submit vote for Nikki Winslow Motion passed 6-0-0-0

C. AUTHORIZATION TO PURCHASE IMMUTABLE BACKUP STORAGE AND SOFTWARE

IT Manager Peng reported that the immutable backup storage and software project is one of five initiatives funded through a $250,000 cybersecurity grant awarded to the District in 2025 with no local cost share. The project includes the purchase of two backup storage appliances—one for the Information Technology (IT) network and one for the Operational Technology (OT) network that supports the District's SCADA system, as well as backup software, Microsoft 365 backup services for emails, user accounts, OneDrive, and SharePoint data, and support and maintenance services. The IT and OT environments will remain physically and logically segregated in accordance with cybersecurity best practices. Deployment and configuration will be completed in-house by staff, with no professional services required. A Request for Quotes was issued in May and three proposals were received. Due to significant increases in technology costs since the project was originally budgeted, technical specifications were revised through an addendum to help reduce costs. Of the three proposals received, Blue Ally fully met all requirements, included optional enhancements such as three years of support and Microsoft 365 backups at no additional cost, and remained within the project's not-to-exceed budget of $150,000.

For the record, Director Kuhn stated that he did not consider the quote to be limited to $150,000; however, he did not wish to amend the motion.

The Board of Directors authorized the General Manager to proceed with the quote and purchase of Immutable Backup Storage and Software for an amount not to exceed $150,000, subject to non-substantive changes.

Moved: Director Kuhn Second: Director Roberto Ayes: De Jesus, Goytia, Kuhn, Marquez, Roberto, Ti Noes: Abstain: Absent: Motion No. 26-06-5571 Approved Immutable Backup Storage and Software Motion passed 6-0-0-0

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D. CONSIDERATION OF PROCEDURES AND DIRECTION FOR FILLING THE DIVISION III BOARD VACANCY

Following the Division III Board vacancy effective June 3, 2026, created by former Director Hanlon's resignation from his seat, the Board has the following available options: (1) initiate the appointment process to fill the vacancy within 60 days of the effective date until the November 2026 election results are certified, (2) adopt a resolution calling for an election to fill the vacancy at the November General District Election, or (3) take no action and allow the matter to default to the Los Angeles County Board of Supervisors after the statutory 60-day period. The Board discussed correspondence received from the respective Mayors of La Verne and Claremont supporting an election rather than an appointment. The Board directed staff to obtain clarification from the Los Angeles County Registrar-Recorder and County Supervisor Kathryn Barger's office regarding potential election costs and vacancy procedures. Following discussion, no motion was made and no action was taken. The item was deferred, and staff was directed to schedule a Special Board Meeting on June 24, 2026 for further consideration of the matter.

E. DISCUSS AND CONSIDER BOARD OFFICER AND BOARD REPRESENTATIVE APPOINTMENTS RELATED TO THE DIVISION III VACANCY

The Board reviewed and updated the CY 2026 Board Representative appointments to address the Division III vacancy.

COMMITTEE / BOARD	REPRESENTATIVE	ALTERNATE
ACWA Region 8 Delegate	Bob Kuhn	Mike Ti
ACWA / JPIA Representative	David De Jesus	Bob Kuhn
Chino Basin Watermaster	Bob Kuhn	David De Jesus
City of Pomona	Carlos Goytia	Jorge Marquez
Main San Gabriel Basin Watermaster	Jorge Marquez	N/A
MWD Board Representative	David De Jesus	N/A
PWR Joint Water Line Commission	Carlos Goytia	Jody Roberto
Rowland Water District	Mike Ti	Jody Roberto
San Gabriel Basin Water Quality Authority	Bob Kuhn	Jody Roberto
San Gabriel Valley Chamber of Commerce	Jody Roberto	Jorge Marquez
San Gabriel Valley Economic Partnership	Jody Roberto	Mike Ti
Six Basins Watermaster	Jody Roberto	Jorge Marquez
Southern California Water Coalition	Jody Roberto	Mike Ti
Spadra Basin GSA	Carlos Goytia	Jody Roberto
Special Districts Association of San Gabriel Valley	Jody Roberto	N/A
Walnut Valley Water District	Jody Roberto	David De Jesus

Moved: Director De Jesus Second: Director Ti Ayes: De Jesus, Goytia, Kuhn, Marquez, Roberto, Ti Noes: Abstain: Absent: Motion No. 26-06-5572 Approval of Updated CY 2026 Board Representative Appointments Motion passed 6-0-0-0

The Board reviewed and updated the CY 2026 Board Officers to address the Division III vacancy. Director Kuhn nominated Director De Jesus for the Board Officer position Secretary/Treasurer.

NAME	POSITION
Mike Ti	President, Division VII
Carlos Goytia	Vice President, Division I
David De Jesus	Secretary/Treasurer, Division II
Bob Kuhn	Director, Division IV
Jorge Marquez	Director, Division VI
Jody Roberto	Director, Division V
Vacant	Director, Division III

Moved: Director Goytia Second: Director Marquez Ayes: De Jesus, Goytia, Kuhn, Marquez, Roberto, Ti Noes: Abstain: Absent: Motion No. 26-06-5573 Approval of Updated CY 2026 Board Officers Motion passed 6-0-0-0

10. REPORTS

A. METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE

Director De Jesus reported that MWD is monitoring land subsidence along the California Aqueduct in the Central Valley, noting concerns regarding its potential impact on State Water Project deliveries to Southern California and the potential costs associated with addressing the issue. He also informed the Board that MWD's former General Manager has filed a legal claim against MWD.

B. LEGISLATIVE UPDATE

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Chief Administrative Officer Howie provided a legislative update, reporting that the District has taken positions on 13 bills this session, supporting 10, with seven remaining active. He highlighted the progress of AB 1894, which would establish the State's exclusive authority over invasive mussel regulation and support the movement of water through the San Gabriel Basin, and SB 872, which addresses funding and planning for Delta subsidence repairs. Mr. Howie also provided an overview of the upcoming election cycle, legislative term limits, and anticipated representation changes affecting the District's service area. Additionally, he shared continued progress towards development of the Sites Reservoir Project. He introduced Natalie Tong, the new district representative for Senator Susan Rubio, who will be meeting with District staff and attending the upcoming Leadership Breakfast.

C. CONSERVATION

Nearly 90% of the previous two-year MWD Member Agency Administered Program funding was utilized by making grant funds available to member agencies for local conservation projects, with Walnut Valley Water District, Rowland Water District, the City of Pomona, and the City of Glendora successfully participating. Mr. Howie noted that the District anticipates receiving a similar funding allocation for the upcoming cycle and will meet with member agency conservation coordinators to discuss upcoming projects and available resources. He also reported that MWD will present on non-functional turf conversion and reminded the Board that current turf replacement rebates are available at $2 per square foot for residential and commercial projects and $3 per square foot for eligible public agency projects.

D. EDUCATION & OUTREACH UPDATE

Administrative Communications Assistant Turner provided an update on upcoming education and outreach activities, including the June 25, 2026, Leadership Breakfast featuring Adrienne Beatty and Jennifer Jobe of ACWA JPIA as guest speakers. The District awarded $6,000 in Community Partnering Program grants this quarter for Sustainable Claremont and the California Botanic Garden and continued its outreach efforts by conducting facility tours for retail agencies and schools. Three Valleys received the Richard G. and Beth T. Landis Leadership Award from the University of La Verne in recognition of more than 20 years of supporting its REACH Business Program. Additionally, she noted that applications have been submitted for upcoming MWD inspection trips, with participant selections and tour dates still pending.

11. DIRECTORS' / GENERAL MANAGER'S ORAL REPORTS

Director Roberto reported that the Special Districts Association of the San Gabriel Valley will be holding a chapter luncheon on July 27, 2026 at Three Valleys. Senator Archuleta will be the guest speaker.

12. CLOSED SESSION

The Board convened into closed session at 9:44 a.m. to discuss the following items:

A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION [Government Code Section 54956.9(d)(1)]

Name of Case: Chino Basin Municipal Water District v. City of Chino, et al., San Bernardino County Superior Court Case No. RCV RS 51010

B. PUBLIC EMPLOYEE PERFORMANCE EVALUATION (Government Code Section 54957)

Title: Matthew H. Litchfield, P.E., General Manager

C. CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

- District Designated Representative: Steven M. Kennedy, General Counsel
- Unrepresented Employee: Matthew H. Litchfield, P.E., General Manager

The Board reconvened into open session at 11:45 a.m. Legal Counsel Kennedy stated that no reportable action was taken on any of the closed session items.

13. FUTURE AGENDA ITEMS

No future agenda items were requested.

14. ADJOURNMENT AND NEXT MEETING

President Ti adjourned the Board of Directors meeting at 11:46 a.m. to an adjourned regular Board Meeting on June 24, 2026, at 8:00 a.m. A notice of adjournment will be posted at the district and on the website.

Mike Ti
President, Board of Directors

Recorded by: Nadia Aguirre
Executive Board Secretary

DRAFT

THREE VALLEYS MUNICIPAL WATER DISTRICT
ADJOURNED REGULAR BOARD OF DIRECTORS MEETING MINUTES

1021 E. Miramar Ave., Claremont, CA 91711
Wednesday, June 24, 2026 | 8:00 a.m.

1. CALL TO ORDER

President Ti called the Board of Directors meeting to order at 8:01 a.m.

2. ROLL CALL

Roll call was taken with a quorum of the Board present.

DIRECTORS PRESENT	STAFF PRESENT
Mike Ti, President	Steve Kennedy, Legal Counsel
Carlos Goytia, Vice President	Matthew Litchfield, General Manager
David De Jesus, Director	Nadia Aguirre, Executive Board Secretary
Bob Kuhn, Director	Erika Gomez, Chief Finance Officer
Jorge Marquez, Director	Freeman Ensign, Operations Supervisor
Jody Roberto, Director	Karen Harberson, Compliance Analyst
Division III, Vacant	Steve Lang, Chief of Operations
	Sylvie Lee, Chief Water Resources Officer
	Joshua Olivares-Hernandez, Finance Analyst
	Kevin Panzer, Principal Engineer
	Brian Pen, Water Resources Analyst
	Robert Peng, I.T. Manager
	Alivn Ramos, I.T. Analyst
	Marissa Turner, Admin. Communications Assistant

Virtual Attendees: Ed Hilden, Walnut Valley Water District; Bruce Knoles, San Gabriel Valley Municipal Water District; Myra Malner, Rowland Water District; 19096297576

In person attendees: John Bellah, Rowland Water District; Tom Coleman, Rowland Water District; Tony Lima, Rowland Water District; Dusty Moisio, Rowland Water District; Justin Nakano, Main San Gabriel Watermaster; Sherry Shaw, Resident

3. FLAG SALUTE

President Ti led the flag salute.

DRAFT

4. DIRECTOR REMOTE PARTICIPATION PURSUANT TO SB 707 - Notification Due to Just Cause

   All Directors attended the board meeting in person.

5. AGENDA REORDER/ADDITIONS

   No reorder or additions to the agenda were requested.

6. PUBLIC COMMENT

   Ms. Sherry Shaw provided public comment.

7. ACTION AGENDA

   A. CONSIDERATION OF PROCEDURES AND DIRECTION FOR FILLING THE DIVISION III VACANCY

   Legal Counsel Kennedy reviewed the procedures available under Government Code section 1780 for filling the Division III Board vacancy, including appointment or calling an election within the statutory timelines. The Los Angeles County Registrar-Recorder/County Clerk confirmed that placing the vacancy on the November 3, 2026, General District Election ballot would not result in additional election costs to the District, as the Division III seat is already scheduled to appear on the ballot, along with Divisions I and V. Mr. Kennedy also advised that staff confirmed with Supervisor Kathryn Barger's Office that, due to the proximity of the November 2026 election, the Los Angeles County Board of Supervisors would not intend to appoint a replacement should the District not fill the vacancy within the statutory timeframe. He further explained that, if the Board elected to pursue an appointment, a notice of vacancy would be required for a minimum of 15 days before applicants could be considered, and any appointee would serve only until the elected successor assumes office in December 2026. He concluded by noting that a resolution had been prepared for the Board's consideration should it choose to call for an election.

   The Board of Directors adopted Resolution No. 26-06-1030 calling for a general election in lieu of appointment to fill the Division III vacancy.

DRAFT

Moved: Director Kuhn Second: Director De Jesus Ayes: De Jesus, Goytia, Kuhn, Marquez, Ti Noes: Roberto Abstain: Absent: Motion No. 26-06-5574 Adoption of Resolution No. 26-06-1030 Motion passed 5-1-0-0

8. DIRECTORS' / GENERAL MANAGER'S ORAL REPORTS

No Director or General Manager comments were provided.

9. CLOSED SESSION

The Board convened into closed session at 8:37 a.m. to discuss the following items:

A. PUBLIC EMPLOYEE PERFORMANCE EVALUATION (Government Code Section 54957)

Title: Matthew H. Litchfield, P.E., General Manager

B. CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

- District Designated Representative: Steven M. Kennedy, General Counsel
- Unrepresented Employee: Matthew H. Litchfield, P.E., General Manager

The Board reconvened into open session at 9:54 a.m. Legal Counsel Kennedy reported that the Board met in closed session to discuss the items listed on the agenda. As a result, the Board unanimously, by 6-0 vote, approved the 5th amendment to the General Manager's Employment Agreement that includes the following salient provisions: (1) removal of the evergreen extension in the agreement with an extension to a 5-year agreement, term date of June 30, 2031; (2) a salary adjustment beginning July 1, 2026, in the amount of $376,826 and no cents; (3) annual COLA adjustments and other provisions of a minimum adjustment of at least 2%, but no more than 4% moving forward, depending upon the amount of the COLA that is provided to staff; (4) additional benefits provided include a retiree health benefit enhancement as of July 1, 2026; and (5) the performance evaluation portion of the employment agreement was deleted and all other provisions of the agreement will remain in effect. At the September 2, 2026 Board meeting a fully integrated employment agreement, including all five amendments to date, will be brought to the board for ratification during open session. No other reportable action was taken.

10. FUTURE AGENDA ITEMS

No future agenda items were requested.

DRAFT

11. ADJOURNMENT AND NEXT MEETING

President Ti adjourned the Board of Directors meeting at 9:57 a.m. to the next regular Board of Directors meeting on September 2, 2026, at 8:00 a.m.

Mike Ti
President, Board of Directors

Recorded by: Nadia Aguirre
Executive Board Secretary

DRAFT

THREE VALLEYS MUNICIPAL WATER DISTRICT
SPECIAL BOARD MEETING MINUTES

1021 E. Miramar Ave., Claremont, CA 91711
July 15, 2026 | 8:00 a.m.

1. CALL TO ORDER

President Ti called the Special Board of Directors Meeting to order at 8:00 a.m.

2. ROLL CALL

Roll call was taken with a quorum of the Board present.

DIRECTORS PRESENT	STAFF PRESENT
Mike Ti, President	Matthew Litchfield, General Manager
Carlos Goytia, Vice President	Steve Kennedy, Legal Counsel
David De Jesus, Secretary/Treasurer	Dom Aguiar, Operations Manager
Bob Kuhn, Director	Brittany Aguilar, Finance Manager
Jorge Marquez, Director	Nadia Aguirre, Executive Board Secretary
Jody Roberto, Director	Freeman Ensign, Operations Manager
Division III, Vacant	Erika Gomez, Chief Finance Officer
	Kirk Howie, Chief Administrative Officer
	Steve Lang, Chief Operations Officer
	Sylvie Lee, Chief Water Resources Officer
	Josh Olivarez, Finance Analyst
	Brian Pen, Water Resources Analyst
	Robert Peng, IT Manager
	Alvin Ramos, IT Analyst
	Viviana Robles, Human Resources/Risk Manager

Virtual attendees: Ed Hilden, Walnut Valley Water District; Stephanie Moreno, Water Quality Authority

3. FLAG SALUTE

President Ti led the flag salute.

4. PUBLIC COMMENT

President Ti opened public comment; there was none.

DRAFT

5. ACTION AGENDA

A. APPROVE RESOLUTION NO. 26-07-1031 TAX SHARING EXCHANGE COUNTY SANITATION DISTRICT NO. 22, ANNEXATION NO. 22-452

The Board of Directors adopted Resolution No. 26-07-1031 approving the tax sharing exchange with CSD No. 22, Annexation No. 22-452.

Moved: Director De Jesus Second: Director Marquez
Ayes: De Jesus, Goytia, Kuhn, Marquez, Roberto, Ti
Noes:
Abstain:
Absent:
Motion No. 26-07-5575 Adopted Resolution No. 26-07-1031
Motion passed 6-0-0-0

B. CONTRACT AWARD FOR RESIDUALS MANAGEMENT SERVICES

The Board of Directors awarded a professional services agreement to Ecology Auto Parts, Inc., dba Ecology Organics for the residuals management services.

Moved: Director Marquez Second: Director Goytia
Ayes: De Jesus, Goytia, Kuhn, Marquez, Roberto, Ti
Noes:
Abstain:
Absent:
Motion No. 26-07-5576 Award agreement to Ecology Auto Parts, Inc.
Motion passed 6-0-0-0

6. ADJOURNMENT

President Ti adjourned the Special Board of Directors Meeting at 8:15 a.m. to the next regular Board of Directors meeting scheduled for September 2, 2026.

DRAFT

Mike Ti
President, Board of Directors

Recorded by: Nadia Aguirre
Executive Board Secretary

DRAFT

THREE VALLEYS MUNICIPAL WATER DISTRICT
June 2026
General Checks 56210 through 56303
Payroll Wire Transfer June
06/12/2026, 06/26/2026, 06/30/2026 (D)

Check Number	Vendor	Description	Paid Amount
56210	AIRGAS SPECIALTY PRODUCTS	AMMONIA REFIGERANT BULK	5,380.71
56211	APPLIED TECHNOLOGY GROUP, INC	MONTHLY PWAG ASSIGNED RADIO	30.00
56212	BRUNICK, MCELHANEY & KENNEDY	LEGAL SERVICES	10,000.00
56213	CANNON CORPORATION	PROJECT 260409: WEST BASELINE ROAD	16,965.75
56214	CDW GOVERNMENT LLC	BELKIN TABLET STORE + CHARGING STATION	202.15
56215	CHARTER COMMUNICATNS HOLDINGS, LLC	BROADBAND SERVICES WILLIAMS/PLANT 2/ FULTON	819.98
56216	CHARTER COMMUNICATNS HOLDINGS, LLC	675 E MIRAMAR	151.25
56217	CITY OF POMONA	MET FUNDED CONSERVATION PROGRAMS	71,000.70
56218	COATING SPECIALIST & INSPECTION SERVICES	Miramar Treatment Plant Reservoir Evaluation	4,500.00
56219	COMMONWEALTH LAND TITLE CO.	Preliminary Report	1,000.00
56220	DOPUDJA & WELLS CONSULTING	CANYON HYDRO ANALYSES	1,500.00
56221	HD SUPPLY FACILITIES MAINT LTD	LAB SUPPLIES	185.31
56222	HDR ENGINEERING, INC.	Miramar Pipeline Pipe Identification Assessment	12,027.50
56223	HIGHROAD INFORMATION TECH, LLC	MANAGED IT SERVICES	2,790.00
56223	HIGHROAD INFORMATION TECH, LLC	MONTHLY IT RENEWALS	2,452.00
56224	MC MASTER-CARR SUPPLY COMPANY	TRAVELING BRIDGE	393.83
56224	MC MASTER-CARR SUPPLY COMPANY	TRAVELING BRIDGE	264.13
56225	MERCER, DUSTIN	JANITORIAL SERVICE	1,375.00
56226	MICHAEL K. NUNLEY & ASSOCIATES, INC.	ACID FEED SYSTEM UPGRADES	21,528.75
56227	PACIFIC STAR CHEMICAL, LLC	SODIUM HYDROXIDE	11,245.12
56228	PEST OPTIONS INC.	PEST CONTROL	197.95
56229	SAN GABRIEL VALLEY MWD	WATER DELIVERY TO NORTH AZUSA CONNECTION JAN/FEB/M	9,090.00
56230	SGV ECONOMIC PARTNERSHIP	Annual Legislative Networking Reception Grapevine Arbor - San Ga	3,000.00
56231	SOUTH COAST A.Q.M.D.	AQMD FEE JULY 2025-JUNE 2026 ""HOT SPOTS""	172.49
56232	SOUTHERN CALIFORNIA EDISON	1059 Baseline Ave	16.38
56233	TRUSSEL TECHNOLOGIES, INC.	Blending & Monitoring Plan for 6 Basins	430.00
56234	UNDERGROUND SERVICE ALERT	NEW TICKET CHARGES	78.80
56235	VIA PROMOTIONALS	TVMWD PROMOTIONAL CUPS	351.33
56236	VWR INTERNATIONAL INC.	LAB SUPPLIES	217.87
56236	VWR INTERNATIONAL INC.	LAB SUPPLIES	108.90
56237	WALNUT VALLEY WATER DISTRICT	MET FUNDED CONSERVATION PROGRAM	17,440.95
6042651	JCI JONES CHEMICALS, INC.	CHLORINE	16,636.05
56238	SWRCB	D5 RENEWAL DE JESUS	105.00

THREE VALLEYS MUNICIPAL WATER DISTRICT

THREE VALLEYS MUNICIPAL WATER DISTRICT
June 2026
General Checks 56210 through 56303
Payroll Wire Transfer June
06/12/2026, 06/26/2026, 06/30/2026 (D)

Check Number	Vendor	Description	Paid Amount
56239	AT&T MOBILITY LLC	FIRST NET MOBILE/MIFI	774.96
56240	AZUSA LIGHT & WATER	ELECTRICITY	41.01
56241	DISTRIBUTOR OPERATIONS INC.	BATTERIES FOR UPS	38.07
56242	FRONTIER	HQ INTERNET	1,136.40
56243	GRAINGER	SUPPLIES	201.90
56243	GRAINGER	SUPPLIES	201.90
56244	HACH COMPANY	LAB SUPPLIES	180.27
56245	HARRIS & ASSOCIATES, INC.	STANDBY CHARGE ASSESSMENT	2,850.00
56246	KEMIRA WATER SOLUTIONS, INC.	PAX XL19	25,001.05
56247	SOUTHERN CALIFORNIA EDISON	GLENDORA/ C STREET/EMERAL/MIRAMAR/WILLIAMS	1,464.75
56248	SOUTHLAND ROOFING INC.	RETAINER RELEASE	26,496.05
56248	SOUTHLAND ROOFING INC.	MIRMAR ADMIN/OPS ROOFING UPGRADES	36,622.50
56249	VERIZON WIRELESS	CELLULAR & IPAD SERVICES	1,375.70
56249	VERIZON WIRELESS	CELLULAR & IPAD SERVICES	40.04
56249	VERIZON WIRELESS	CELLULAR & IPAD SERVICES	100.07
56249	VERIZON WIRELESS	CELLULAR & IPAD SERVICES	188.79
56250	VYTAL FILTRATION TECHNOLOGIES W LLC	CAPSULE FILTER	1,615.27
56251	WEX BANK	VEHICLE FUEL	2,011.12
56252	AGUILAR, BRITTANY	PETTY CASH REPLENISHMENT	873.47
56253	CALLTOWER INC.	TELEPHONE LICENESES/SERVICE	720.12
56254	CHARTER COMMUNICATNS HOLDINGS, LLC	BROADBAND SERVICES WILLIAMS/PLANT 2/ FULTON	409.99
56255	CLS LANDSCAPE MANAGEMENT	TREE TRIMMING/REMOVALS	795.00
56256	FOOTHILL MUNICIPAL WATER DIST.	ACEQUIA CONSULTING	2,500.00
56257	GEI CONSULTANTS, INC.	2025 Regional Urban Water Management Plan	71,460.50
56258	HARRINGTON IND PLASTICS, LLC	BRIDGE PUMPS	87.42
56258	HARRINGTON IND PLASTICS, LLC	BRIDGE PUMPS	168.46
56259	HOUSE OF PAIN SO CAL BOXING AND FITNESS	DIRECTOR GOYTIA SPONSORSHIP	2,000.00
56260	MICHAEL J ARNOLD & ASSOC, INC.	LOBBYIST COMPUTER/ IT SUPPORT PLAN	84.00
56260	MICHAEL J ARNOLD & ASSOC, INC.	RETAINER	6,000.00
56261	PACIFIC STAR CHEMICAL, LLC	SODIUM HYDROXIDE	11,697.00
56262	PRIME SYSTEMS IND AUTOMATION	PLC & RADIO UPGRADES	48,000.00
56263	AIRGAS SPECIALTY PRODUCTS	AMMONIA REFIGERANT BULK	5,674.84
56264	AWWA	MEMBERSHIP DUES	347.00
56265	BRUNICK, MCELHANEY & KENNEDY	LEGAL SERVICES	10,000.00
56266	CANON FINANCIAL SERVICES,INC.	COPY MACHINE LEASE	2,707.54
56267	CANYON INDUSTRIES, INC	Miramar Hydroelectric Generation Efficiency Study	9,956.25
56268	CASELLE, INC.	Annual Maintenance and Support - 07/01/2026 to 06/30/2027	23,396.76

THREE VALLEYS MUNICIPAL WATER DISTRICT
June 2026
General Checks 56210 through 56303
Payroll Wire Transfer June
06/12/2026, 06/26/2026, 06/30/2026 (D)

Check Number	Vendor	Description	Paid Amount
56269	CENTER FOR INTERNET SECURITY,INC.	MANAGED DETECTION AND RESPONSE	6,126.02
56270	CLINICAL LABORATORY OF SB, INC	OUTSIDE LABORATORY TESTING	160.00
56271	CLS LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE	3,276.00
56271	CLS LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE	65.52
56272	CONCUR TECHNOLOGIES, INC.	EXPENSE MANAGEMENT SET UP	108.20
56273	GALLADE CHEMICAL, INC	Calcium Hypochlorite	2,507.79
56274	GOLDEN STATE WATER COMPANY	MIRAGRAND WATER PURCHASE	779.58
56275	GRAINGER	AC UNITS	34.59
56276	HACH COMPANY	LAB SUPPLIES	5,078.16
56277	HARRINGTON IND PLASTICS, LLC	TRAVELING BRIDGE	65.52
56278	INDUSTRY BUSINESS COUNCIL	MEMBERSHIP DUES & FEES	175.00
56279	JEFFREY C. SCHENKEL, DBA SOUTH COAST MED	Half page color ad	564.00
56280	KELLOGG WEST CONFERENCE CENTER	Three Valleys Leadership Meeting	5,928.70
56281	KEMIRA WATER SOLUTIONS, INC.	PAX XL19	26,350.98
56282	MC MASTER-CARR SUPPLY COMPANY	TRAVELING BRIDGE	296.13
56283	METROPOLITAN WATER DISTRICT	PM-21 A PROJECT	1,187,800.00
56284	POLYDYNE, INC	CLARIFLOC C-308P	16,659.74
56284	POLYDYNE, INC	Clarifloc	7,312.92
56285	PUBLIC WATER AGENCIES GROUP	EMERGENCY PREPAREDNESS PROGRAM	1,372.00
56286	R & B AUTOMATION, INC.	VALVES	7,226.34
56287	RINCON CONSULTANTS INC	Grant Tracking Assistance	4,590.75
56288	SOCALGAS	FULTON SERVICE 05/05/26-06/05/26	15.29
56289	SOUTHERN CALIFORNIA EDISON	19 W BASELINE	80.55
56289	SOUTHERN CALIFORNIA EDISON	2010 GRAND AVE	12,119.85
56289	SOUTHERN CALIFORNIA EDISON	675 MIRAMAR	1,129.23
56289	SOUTHERN CALIFORNIA EDISON	3300 Padua Ave	185.98
56289	SOUTHERN CALIFORNIA EDISON	3949 WILLIAMS AVE	92.42
56289	SOUTHERN CALIFORNIA EDISON	INTERCONNECTION 2930 FULTON	110.93
56289	SOUTHERN CALIFORNIA EDISON	HYDRO POWER SALES	6,750.57
56290	TRUSSEL TECHNOLOGIES, INC.	Blending & Monitoring Plan for 6 Basins	1,375.00
56291	VERIZON WIRELESS	VERIZON CONNECT	590.27
56292	VIA PROMOTIONALS	PROMOTIONAL MATERIALS	680.19
56293	BASIC	MONTHLY CDA FEE	149.91
56294	CAMMACK, MARK	RETIREE HEALTH REIMBURSEMENT	202.90
56295	COLE, JONATHAN J.	RETIREE HEALTH REIMBURSEMENT	42.55
56296	CONTRERAS, MARIA	RETIREE HEALTH REIMBURSEMENT	300.00
56297	DECHAINE, CYNTHIA	RETIREE HEALTH REIMBURSEMENT	459.62

THREE VALLEYS MUNICIPAL WATER DISTRICT
June 2026
General Checks 56210 through 56303
Payroll Wire Transfer June
06/12/2026, 06/26/2026, 06/30/2026 (D)

Check Number	Vendor	Description	Paid Amount
56298	FAULK, GEORGE	RETIREE HEALTH REIMBURSEMENT	355.00
56299	HANSEN, RICHARD W.	RETIREE HEALTH REIMBURSEMENT	600.00
56300	KRIEZEL, BETTY	RETIREE HEALTH REIMBURSEMENT	202.90
56301	LAREZ, MARY PAT	RETIREE HEALTH REIMBURSEMENT	142.55
56302	PALM, JAMES	RETIREE HEALTH REIMBURSEMENT	142.55
56303	UNITED STATES TREASURY	ANNUAL PCORI FEES	62.46
6232651	JCI JONES CHEMICALS, INC.	CHLORINE	1,976.00
6232651	JCI JONES CHEMICALS, INC.	CHLORINE	12,953.98
6292601	METROPOLITAN WATER DISTRICT	APRIL 2026 MWD WATER INVOICE	8,958,543.38
Grand Totals:			10,784,618.12

THREE VALLEYS MUNICIPAL WATER DISTRICT
June 2026
General Checks 56210 through 56303
Payroll Wire Transfer June
06/12/2026, 06/26/2026, 06/30/2026 (D)

Check Number	Name	Description	Paid Amount
6122654	FEDERAL TAX PAYMENT	Medicare Pay Period: 06/07/2026	2,579.44
6122654	FEDERAL TAX PAYMENT	Medicare Pay Period: 06/07/2026	2,579.44
6122654	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 06/07/2026	21,008.90
6262654	FEDERAL TAX PAYMENT	Medicare Pay Period: 06/21/2026	2,599.01
6262654	FEDERAL TAX PAYMENT	Medicare Pay Period: 06/21/2026	2,599.01
6262654	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 06/21/2026	21,060.57
6262658	FEDERAL TAX PAYMENT	Medicare Pay Period: 06/26/2026	2,254.54
6262658	FEDERAL TAX PAYMENT	Medicare Pay Period: 06/26/2026	2,254.54
6262658	FEDERAL TAX PAYMENT	Medicare Premium Pay Period: 06/26/2026	232.38
6262658	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 06/26/2026	27,747.31
6302653	FEDERAL TAX PAYMENT	Medicare Pay Period: 06/30/2026	250.93
6302653	FEDERAL TAX PAYMENT	Medicare Pay Period: 06/30/2026	250.93
6302653	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 06/30/2026	531.67
Total 1:			85,948.67
6122656	STATE TAX PAYMENT	State Witholding Tax Pay Period: 06/07/2026	8,415.28
6122656	STATE TAX PAYMENT	State Disability Tax Pay Period: 06/07/2026	2,321.88
6262656	STATE TAX PAYMENT	State Witholding Tax Pay Period: 06/21/2026	8,521.93
6262656	STATE TAX PAYMENT	State Disability Tax Pay Period: 06/21/2026	2,328.67
6262659	STATE TAX PAYMENT	State Witholding Tax Pay Period: 06/26/2026	8,324.19
6262659	STATE TAX PAYMENT	State Disability Tax Pay Period: 06/26/2026	1,995.36
6302654	STATE TAX PAYMENT	State Witholding Tax Pay Period: 06/30/2026	12.93
Total 2:			31,920.24
6122652	EMPOWER RETIREMENT, LLC	401A Deferred Pay Period: 06/07/2026	6,875.00
6262652	EMPOWER RETIREMENT, LLC	401A Deferred Pay Period: 06/21/2026	6,875.00
Total 3:			13,750.00
6122653	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 06/07/2026	14,378.00
6122653	EMPOWER RETIREMENT, LLC	457 Deferred Roth Pay Period: 06/07/2026	1,937.00

THREE VALLEYS MUNICIPAL WATER DISTRICT
June 2026
General Checks 56210 through 56303
Payroll Wire Transfer June
06/12/2026, 06/26/2026, 06/30/2026 (D)

Check Number	Name	Description	Paid Amount
6122653	EMPOWER RETIREMENT, LLC	457 Deferred 7.5% Pay Period: 06/07/2026	59.40
6262653	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 06/21/2026	14,378.00
6262653	EMPOWER RETIREMENT, LLC	457 Deferred Roth Pay Period: 06/21/2026	1,937.00
6262653	EMPOWER RETIREMENT, LLC	457 Deferred 7.5% Pay Period: 06/21/2026	59.40
6262657	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 06/26/2026	29,361.00
6302652	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 06/30/2026	4,406.01
6302652	EMPOWER RETIREMENT, LLC	457 Deferred 7.5% Pay Period: 06/30/2026	1,381.88
Total 4:			67,897.69
6262693	AFLAC	AFLAC PRETAX Pay Period: 06/07/2026	570.58
6262693	AFLAC	AFLAC POST Pay Period: 06/07/2026	156.10
6262693	AFLAC	AFLAC PRETAX Pay Period: 06/21/2026	570.58
6262693	AFLAC	AFLAC POST Pay Period: 06/21/2026	156.10
Total 5:			1,453.36
6122651	BASIC	HSA Pay Period: 06/07/2026	2,434.91
6262651	BASIC	HSA Pay Period: 06/21/2026	2,434.91
6302651	BASIC	HSA Pay Period: 06/30/2026	662.50
Total 7:			5,532.32
6122655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 06/07/2026	6,662.75
6122655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 06/07/2026	11,973.90
6122655	PUBLIC EMPLOYEES RETIREMENT SY	ROUNDING ADJ	.01
6122655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 06/07/2026	5,442.89
6122655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 06/07/2026	5,590.38
6122655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Survivor Pay Period: 06/07/2026	23.25
6262655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 06/21/2026	6,598.60
6262655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 06/21/2026	11,858.67
6262655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 06/21/2026	5,482.91
6262655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 06/21/2026	5,631.49
6262655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Survivor Pay Period: 06/21/2026	23.25
Total 8:			59,288.10

THREE VALLEYS MUNICIPAL WATER DISTRICT

THREE VALLEYS MUNICIPAL WATER DISTRICT
June 2026
General Checks 56210 through 56303
Payroll Wire Transfer June
06/12/2026, 06/26/2026, 06/30/2026 (D)

Check Number	Name	Description	Paid Amount
6262691	ACWA/JPIA		557.45
6262691	ACWA/JPIA		557.45
6262691	ACWA/JPIA		588.20
6262691	ACWA/JPIA		12,021.65
6262691	ACWA/JPIA		212.45
6262691	ACWA/JPIA		212.45
6262691	ACWA/JPIA		212.45
6262691	ACWA/JPIA		424.90
6262691	ACWA/JPIA		22,555.25
6262691	ACWA/JPIA		837.79
6262691	ACWA/JPIA		89.16
6262691	ACWA/JPIA		781.81
6262691	ACWA/JPIA		835.31
6262691	ACWA/JPIA		1,563.62
6262691	ACWA/JPIA		781.81
6262691	ACWA/JPIA		2,853.31
6262691	ACWA/JPIA		430.25
6262691	ACWA/JPIA		62.00
6262691	ACWA/JPIA		227.22
6262691	ACWA/JPIA		4,317.13
6262691	ACWA/JPIA		84.63
6262691	ACWA/JPIA		1,607.97
6262691	ACWA/JPIA		1,563.62
6262691	ACWA/JPIA		144.95
6262691	ACWA/JPIA		2,754.07
6262691	ACWA/JPIA		743.09
6262691	ACWA/JPIA		120.47
6262691	ACWA/JPIA		17.36
Total 9:			57,157.82
6262694	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 06/21/2026	525.56
6262694	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 06/21/2026	269.71
6262694	RELIANCE STANDARD LIFE INS CO.	ROUNDING ADJ 0.01	.01
6262694	RELIANCE STANDARD LIFE INS CO.	Group Life - Taxable Pay Period: 06/21/2026	797.54
6262694	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 06/30/2026	11.91

THREE VALLEYS MUNICIPAL WATER DISTRICT
June 2026
General Checks 56210 through 56303
Payroll Wire Transfer June
06/12/2026, 06/26/2026, 06/30/2026 (D)

Check Number	Name	Description	Paid Amount
Total 10:			1,604.73
6262695	RELIANCE STANDARD LIFE INS.	ST/LT Short Term Disability Pay Period: 06/21/2026	1,230.20
Total 11:			1,230.20
Grand Totals:			325,783.13

TOTAL AMOUNT OF PAYROLL CHECKS LISTED	**$ 326,974.80**

TOTAL June 2026 CASH DISBURSEMENTS	**$ 11,463,755.47**

THREE VALLEYS MUNICIPAL WATER DISTRICT
Warrant List
June 2026
Umpqua Bank Credit Cards Invoice Detail

Vendor	Description	Paid Amount
SOCAL NEWSPAPER GROUP	PUBLIC NOTICES (2)	3,084.04
MISCELLANEOUS VENDORS	TREATMENT PLANT SUPPLIES, EVENT REGISTRATIONS AND RELATED EXPENSES	15,727.88
SYNCB/AMAZON	JANITORIAL, OFFICE AND OTHER MISC. SUPPLIES	$2,825.59
STATE WATER RESOURCE CONTROL BOARD	ANNUAL ELAP FEES	$4,741.91
	TOTAL AMOUNT OF UMPQUA BANK CARD SERVICES INVOICE	**$ 26,379.42**

THREE VALLEYS MUNICIPAL WATER DISTRICT

THREE VALLEYS MUNICIPAL WATER DISTRICT
July 2026
General Checks 56304 through 56415
Payroll Wire Transfer July
07/10/2026, 07/24/2026, 07/31/2026 (D)

Check Number	Vendor	Description	Paid Amount
56304	AIRGAS SPECIALTY PRODUCTS	AMMONIUM HYDROXIDE SOLUTION	1,177.21
56304	AIRGAS SPECIALTY PRODUCTS	AMMONIUM HYDROXIDE SOLUTION 19%	1,574.67
56305	CANNON CORPORATION	WELL VFD REPLACEMENT	2,508.00
56306	DOPUDJA & WELLS CONSULTING	CANYON HYDRO ANALYSES	832.50
56307	FRISCH ENGINEERING, INC.	Engineering Services - May 2026 Billing	490.00
56308	GEI CONSULTANTS, INC.	REVISIONS TO REGIONAL DCP	3,002.00
56309	LIEBERT CASSIDY WHITMORE	GENERAL LEGAL	137.00
56310	MAIN SAN GABRIEL BASIN WM	WM 3D MODEL COST SHARE	32,351.75
56311	MILLER ARCHITECTURAL CORP.	Design of Miramar Admin and Ops Building Upgrades	7,861.25
56311	MILLER ARCHITECTURAL CORP.	Design of Miramar Admin and Ops Building Upgrades	7,861.25
56312	PACIFIC STAR CHEMICAL, LLC	SODIUM HYPOCHLORITE 12.5%	7,206.12
56313	PEST OPTIONS INC.	MICE/RAT CONTROL	197.95
56314	SOUTHERN CALIFORNIA EDISON	19 W BASELINE	89.67
56314	SOUTHERN CALIFORNIA EDISON	675 Miramar	6,943.72
56314	SOUTHERN CALIFORNIA EDISON	2010 GRAND AVE	14,480.37
56314	SOUTHERN CALIFORNIA EDISON	1059 BASELINE	29.81
56315	SYNAGRO WEST, LLC	SLUDGE REMOVAL	23,895.89
56316	TURNER, MARISSA	EXPENSE REIMBURSEMENT	20.59
56317	UNDERGROUND SERVICE ALERT	NEW TICKET CHARGES	102.45
56318	VIA PROMOTIONALS	Therm-O-ToteT - Insulated Tote	2,033.74
56318	VIA PROMOTIONALS	iCamCover	502.52
56318	VIA PROMOTIONALS	Pen: Orbit Spinner Chrome Metal Pen	496.62
56318	VIA PROMOTIONALS	Butterfly Seed Shape Bookmark	485.98
56319	WATTS REGULATOR COMPANY	KIT REA 30DY HACH JAW TL	3,858.09
56320	AIRGAS SPECIALTY PRODUCTS	AMMONIA REFIGERANT BULK	4,552.46
56321	BRAX COMPANY, INC.	RESEVOIR WATER PUMP REPAIR	13,066.86
56322	CALIFORNIA WATER EFFECIENCY PARTNERSHIP	2026 DUES INVOICE	2,653.03
56323	CALLTOWER INC.	TELEPHONE LICENESES/SERVICE	720.93
56324	CLINICAL LABORATORY OF SB, INC	OUTSIDE LAB TESTING	7,120.00
56325	GRAINGER	BOOSTER PUMPS	200.29
56326	HD SUPPLY FACILITIES MAINT LTD	CL17 Motor Assembly 5444600	429.70
56327	HIGHROAD INFORMATION TECH, LLC	IT SERVICES	2,790.00
56327	HIGHROAD INFORMATION TECH, LLC	IT RENEWALS	2,452.00

THREE VALLEYS MUNICIPAL WATER DISTRICT
July 2026
General Checks 56304 through 56415
Payroll Wire Transfer July
07/10/2026, 07/24/2026, 07/31/2026 (D)

Check Number	Vendor	Description	Paid Amount
56328	KEVIN LEUNG GONZALEZ	NORTH PATIO COVERS	22,000.00
56329	PACIFIC STAR CHEMICAL, LLC	SODIUM HYDROXIDE	11,697.00
56330	POLYDYNE, INC	Clarifloc	1,144.57
56331	PRIME SYSTEMS IND AUTOMATION	GENERAL SCADA PROGRAMMING	14,523.94
56332	R & B AUTOMATION, INC.	ACTUATOR WITH BEVEL GEAR	16,112.16
56333	SOUTHERN CALIFORNIA EDISON	PUMPBACK	1,718.96
56334	VIA PROMOTIONALS	MUGS	1,514.00
56335	WESTERN WATER WORKS SUPPLY CO	SUPPLIES	1,004.22
56335	WESTERN WATER WORKS SUPPLY CO	PARTS & SUPPLIES	552.81
56336	AIRGAS SPECIALTY PRODUCTS	AMMONIA REFIGERANT BULK	4,756.67
56336	AIRGAS SPECIALTY PRODUCTS	AMMONIUM HYDROXIDE SOLUTION	1,350.45
56337	AT&T MOBILITY LLC	FIRST NET MOBILE/MIFI SERVICES	774.96
56338	AZUSA LIGHT & WATER	ELECTRICITY SAN GABRIEL CANYON	42.91
56339	BLUEALLY TECHNOLOGY SOLUTIONS	Immutable Backup Storage and Software	8,400.00
56340	BRUNICK, MCELHANEY & KENNEDY	LEGAL SERVICES	10,000.00
56341	CANON FINANCIAL SERVICES,INC.	COPY MACHINE LEASE	2,954.24
56342	CLS LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE	3,276.00
56342	CLS LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE FUEL SURCHARGE	65.52
56343	ENVIRO CHEM INC.	SLUDGE SOLID TESTING	950.00
56344	GRAINGER	SUPPLIES	31.26
56344	GRAINGER	WELL 5	322.26
56345	HACH COMPANY	CHEMKEY	169.88
56346	HARRINGTON IND PLASTICS, LLC	SPARE PART	798.35
56347	HOWIE, KIRK	EXPENSE REIMBURSEMENT	35.53
56348	KEMIRA WATER SOLUTIONS, INC.	PAX-XL 1900 BULK	26,405.85
56349	MF CYBER, LLC	NIST GAP ANALYSIS	3,970.00
56350	MICHAEL J ARNOLD & ASSOC, INC.	Computer/IT Support Plan	84.00
56350	MICHAEL J ARNOLD & ASSOC, INC.	RETAINER	6,000.00
56350	MICHAEL J ARNOLD & ASSOC, INC.	Computer/IT Support Plan	84.00
56350	MICHAEL J ARNOLD & ASSOC, INC.	RETAINER	6,000.00
56350	MICHAEL J ARNOLD & ASSOC, INC.	Computer/IT Support Plan	84.00
56350	MICHAEL J ARNOLD & ASSOC, INC.	RETAINER	6,000.00
56351	ONEPOINTE SOLUTIONS LLC	MIRMAMAR LAB COUNTERTOP REPLACEMENT	5,046.28
56352	PLANETBIDS, INC.	SUBSCRIPTION FY 26 27	4,361.35
56353	POLYDYNE, INC	CLARIFLOC N-3300P	286.14
56354	R & B AUTOMATION, INC.	Reservoir Inlet Valves	10,872.37
56355	SOCALGAS	FULTON SERVICE	15.78

THREE VALLEYS MUNICIPAL WATER DISTRICT
July 2026
General Checks 56304 through 56415
Payroll Wire Transfer July
07/10/2026, 07/24/2026, 07/31/2026 (D)

Check Number	Vendor	Description	Paid Amount
56356	SOUTHERN CALIFORNIA EDISON	3300 PADUA AVE // HYDRO	5,421.95
56356	SOUTHERN CALIFORNIA EDISON	3949 WILLIAMS AVE	92.42
56356	SOUTHERN CALIFORNIA EDISON	2930 FULTON	110.93
56356	SOUTHERN CALIFORNIA EDISON	3300 PADUA AVE	185.98
56356	SOUTHERN CALIFORNIA EDISON	2930 FULTON RD	10.78
56357	TIERFIVE SOLUTIONS GROUP INC.	DOCUMENT SCANNING	150.00
56358	VERIZON WIRELESS	VERIZON CONNECT JUNE 2026	590.27
56359	VERIZON WIRELESS	VERIZON JUNE	1,375.66
56359	VERIZON WIRELESS	VERIZON JUNE	40.04
56359	VERIZON WIRELESS	VERIZON JUNE	100.07
56359	VERIZON WIRELESS	VERIZON JUNE	188.79
56360	WEX BANK	FUEL JUNE 2026	1,915.71
7182699	JCI JONES CHEMICALS, INC.	CHLORINE	16,951.38
7182699	JCI JONES CHEMICALS, INC.	CHLORINE	1,969.85
56361	APPLIED TECHNOLOGY GROUP, INC	RADIO FEE	30.00
56362	CA DEPT OF TAX & FEE ADMIN	Q2 2026 USE TAX	42.00
56363	CAMMACK, MARK	Retiree Health Plan Reimbursement	202.90
56364	CANON FINANCIAL SERVICES,INC.	COPY MACHINE LEASE	2,954.24
56365	CHARTER COMMUNICATNS HOLDINGS, LLC	BROADBAND SERVICES	409.99
56366	CHARTER COMMUNICATNS HOLDINGS, LLC	675 MIRAMAR	150.00
56367	COLE, JONATHAN J.	RETIREE HEALTH BENEFITS	42.55
56368	CONCUR TECHNOLOGIES, INC.	EXPENSE MANAGEMEN SET UP	108.20
56369	CONTRERAS, MARIA	RETIREE HEALTH REIMBURSEMENT	300.00
56370	CORE & MAIN LP	MANWAY COVERS	16,142.35
56371	DECHAINE, CYNTHIA	RETIREE HEALTH REIMBURSEMENT	459.62
56372	DISTRIBUTOR OPERATIONS INC.	CREDIT FOR RETURN	-46.07
56372	DISTRIBUTOR OPERATIONS INC.	CREDIT FOR RETURN	-40.00
56372	DISTRIBUTOR OPERATIONS INC.	UPS BATTERIES	1,101.76
56373	DXP ENTERPRISES, INC.	TRAVELING BRIDGE	5,641.02
56374	FAULK, GEORGE	RETIREE HEALTH REIMBURSEMENT	355.00
56375	GOLDEN STATE WATER COMPANY	MIRAGRAND WATER PURHCASE	816.20
56376	HANSEN, RICHARD W.	RETIREE HEALTH REIMBURSEMENT	600.00
56377	HARRIS & ASSOCIATES, INC.	STANDBY CHARGE ASSESMENT	2,850.00
56378	KRIEZEL, BETTY	RETIREE HEALTH REIMBURSEMENT	202.90
56379	LAREZ, MARY PAT	RETIREE HEALTH REIMBURSEMENT	142.55
56380	MERCER, DUSTIN	JANITORIAL SERVICES JULY	1,375.00
56381	MICHAEL J ARNOLD & ASSOC, INC.	Computer/IT Support Plan	84.00

THREE VALLEYS MUNICIPAL WATER DISTRICT
July 2026
General Checks 56304 through 56415
Payroll Wire Transfer July
07/10/2026, 07/24/2026, 07/31/2026 (D)

Check Number	Vendor	Description	Paid Amount
56381	MICHAEL J ARNOLD & ASSOC, INC.	RETAINER LOBBYIST	6,000.00
56382	MICHAEL K. NUNLEY & ASSOCIATES, INC.	ACID FEED SYSTEM UPGRADES	44,901.75
56383	PALM, JAMES	RETIREE HEALTH REIMBURSEMENT	142.55
56384	PREMIER FAMILY MEDICINE ASSOC	PRE-EMPLOYMENT PHYSICAL	142.00
56385	SAN ANTONIO WATER COMPANY	WATER AVAILABILITY 04/30/26-06/30/26	4.20
56386	SAN GABRIEL VALLEY MWD	WATER DELIVERY APR MAY JUNE	9,295.00
56387	SYNAGRO WEST, LLC	BIOSOLIDS JUNE	21,736.85
56388	UC REGENTS, C/O ERIN COUTTS, LARC	LARC #64733C	1,000.00
56389	LEE, SYLVIE	EXPENSE REIMBURSEMENT- LEE MILEAGE FY 2526	563.82
56389	LEE, SYLVIE	EXPENSE REIMBURSEMENT- LEE CERTIFICATION	180.00
56390	LOWE'S	LOWE'S SUPPLIES	422.20
56391	RINCON CONSULTANTS INC	25-26 GRANT FUNDING OPPORTUNITY AND TRACKING	14,014.50
7242699	JCI JONES CHEMICALS, INC.	CHLORINE	14,809.26
7242699	JCI JONES CHEMICALS, INC.	CHLORINE	5,720.47
7252699	UMPQUA BANK	VISA EXPENSES	6,924.10
7252699	UMPQUA BANK	VISA EXPENSES	2,719.00
56392	COATING SPECIALIST & INSPECTION SERVICES	Two 8 MG Floating Top Reservoirs	6,500.00
56393	COLLEY AUTO CARS, INC.	2026 FORD EXPLORER	37,808.45
56394	CONSOLIDATED ELECTRICAL, DISTRIBUTORS, I	HYDROELECTRIC FACILITIES MAIN BREAKER REPLACEMENT	46,646.93
56395	DXP ENTERPRISES, INC.	BRIDGE PUMP	22,461.33
56396	BTS UPLAND FORD LLC	VEHICLE MAINTENANCE	162.72
56397	FRONTIER	INTERNET HQ	1,136.40
56398	GEI CONSULTANTS, INC.	REVISIONS TO REGIONAL DCP	356.00
56399	GRAINGER	RED PASS PLUS ANNUAL MEMBERSHIP FEE	141.58
56399	GRAINGER	TRAVELING BRIDGE	560.10
56400	HARRINGTON IND PLASTICS, LLC	FILTER LEVEL SPARES	2,371.66
56401	HD SUPPLY FACILITIES MAINT LTD	LABORATORY SUPPLIES	102.85
56402	HERNANDEZ, RAFAEL	CERTIFICATION RENEWAL	61.05
56403	KEVIN LEUNG GONZALEZ	NORTH PATIO COVERS	21,270.00
56404	LANG, STEVE	Expense Reimbursement	84.39
56405	MORGAN COMPANY	REPLACE HOIST CABLE	500.54
56406	PUBLIC WATER AGENCIES GROUP	Emergency Preparedness Program - February 2026	1,372.00
56406	PUBLIC WATER AGENCIES GROUP	Quarterly Assessment - July 2026	910.00
56407	ASCO POWER SERVICES, INC.	SERVICE AGREEMENT 07/14/2026-07/13/2027	1,549.00
56408	D & H WATER SYSTEMS INC.	GASKET YOKE	613.49
56409	GEI CONSULTANTS, INC.	DWR GRIP 2024	1,869.00
56410	LARSON, JONATHAN	CERTIFICATION RENEWAL	90.00

THREE VALLEYS MUNICIPAL WATER DISTRICT
July 2026
General Checks 56304 through 56415
Payroll Wire Transfer July
07/10/2026, 07/24/2026, 07/31/2026 (D)

Check Number	Vendor	Description	Paid Amount
56411	LAYFIELD USA CORP	COVER REPAIRS	12,763.00
56412	POLYDYNE, INC	CLARIFLOC C-308P	16,888.74
56413	SOUTHERN CALIFORNIA EDISON	19 W BASELINE	99.32
56413	SOUTHERN CALIFORNIA EDISON	2010 GRAND AVE	14,701.53
56413	SOUTHERN CALIFORNIA EDISON	675 MIRAMAR	7,115.59
56414	WADDELL PAINTING INC.	INTERIOR PAINTING	8,000.00
56415	WESTERN WATER WORKS SUPPLY CO	PARTS & SUPPLIES	453.70
7312699	JCI JONES CHEMICALS, INC.	CHLORINE	1,932.62
730202601	METROPOLITAN WATER DISTRICT	MAY 2026 MWD WATER INVOICE	5,244,619.60
Grand Totals:			5,970,275.21

THREE VALLEYS MUNICIPAL WATER DISTRICT
July 2026
General Checks 56304 through 56415
Payroll Wire Transfer July
07/10/2026, 07/24/2026, 07/31/2026 (D)

Check Number	Name	Description	Paid Amount
7102654	FEDERAL TAX PAYMENT	Medicare Pay Period: 07/05/2026	2,573.00
7102654	FEDERAL TAX PAYMENT	Medicare Pay Period: 07/05/2026	2,573.00
7102654	FEDERAL TAX PAYMENT	Medicare Premium Pay Period: 07/05/2026	126.04
7102654	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 07/05/2026	20,741.27
7242654	FEDERAL TAX PAYMENT	Medicare Pay Period: 07/19/2026	2,668.79
7242654	FEDERAL TAX PAYMENT	Medicare Pay Period: 07/19/2026	2,668.79
7242654	FEDERAL TAX PAYMENT	Medicare Premium Pay Period: 07/19/2026	235.94
7242654	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 07/19/2026	21,910.20
7312653	FEDERAL TAX PAYMENT	Medicare Pay Period: 07/31/2026	261.03
7312653	FEDERAL TAX PAYMENT	Medicare Pay Period: 07/31/2026	261.03
7312653	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 07/31/2026	531.67
Total 1:			54,550.76
7102656	STATE TAX PAYMENT	State Witholding Tax Pay Period: 07/05/2026	8,333.12
7102656	STATE TAX PAYMENT	State Disability Tax Pay Period: 07/05/2026	2,316.20
7242656	STATE TAX PAYMENT	State Witholding Tax Pay Period: 07/19/2026	8,877.50
7242656	STATE TAX PAYMENT	State Disability Tax Pay Period: 07/19/2026	2,390.48
7312654	STATE TAX PAYMENT	State Witholding Tax Pay Period: 07/31/2026	22.34
Total 2:			21,939.64
7102652	EMPOWER RETIREMENT, LLC	401A Deferred Pay Period: 07/05/2026	6,875.00
7242652	EMPOWER RETIREMENT, LLC	401A Deferred Pay Period: 07/19/2026	6,875.00
Total 3:			13,750.00
7102653	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 07/05/2026	14,368.00
7102653	EMPOWER RETIREMENT, LLC	457 Deferred Roth Pay Period: 07/05/2026	1,937.00
7102653	EMPOWER RETIREMENT, LLC	457 Deferred 7.5% Pay Period: 07/05/2026	60.00
7242653	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 07/19/2026	14,368.00
7242653	EMPOWER RETIREMENT, LLC	457 Deferred Roth Pay Period: 07/19/2026	1,937.00
7242653	EMPOWER RETIREMENT, LLC	457 Deferred 7.5% Pay Period: 07/19/2026	62.10

THREE VALLEYS MUNICIPAL WATER DISTRICT
July 2026
General Checks 56304 through 56415
Payroll Wire Transfer July
07/10/2026, 07/24/2026, 07/31/2026 (D)

Check Number	Name	Description	Paid Amount
7312652	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 07/31/2026	4,656.40
7312652	EMPOWER RETIREMENT, LLC	457 Deferred 7.5% Pay Period: 07/31/2026	1,423.13
Total 4:			38,811.63
7312656	AFLAC	AFLAC PRETAX Pay Period: 07/05/2026	570.58
7312656	AFLAC	AFLAC POST Pay Period: 07/05/2026	156.10
7312656	AFLAC	AFLAC PRETAX Pay Period: 07/19/2026	570.58
7312656	AFLAC	AFLAC POST Pay Period: 07/19/2026	156.10
Total 5:			1,453.36
7102651	BASIC	HSA Pay Period: 07/05/2026	2,434.91
7242651	BASIC	HSA Pay Period: 07/19/2026	2,434.91
7312651	BASIC	HSA Pay Period: 07/31/2026	662.50
Total 7:			5,532.32
7102655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 07/05/2026	6,750.01
7102655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 07/05/2026	12,111.44
7102655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 07/05/2026	5,563.90
7102655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 07/05/2026	5,693.11
7102655	PUBLIC EMPLOYEES RETIREMENT SY	ROUNDING ADJ	.02-
7102655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Survivor Pay Period: 07/05/2026	23.25
7242655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 07/19/2026	6,901.42
7242655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 07/19/2026	12,383.15
7242655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 07/19/2026	5,867.08
7242655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 07/19/2026	6,003.33
7242655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Survivor Pay Period: 07/19/2026	23.25
Total 8:			61,319.92
7312655	ACWA/JPIA		588.20
7312655	ACWA/JPIA		12,021.65
7312655	ACWA/JPIA		22,555.25
7312655	ACWA/JPIA		2,853.31
7312655	ACWA/JPIA		430.25

THREE VALLEYS MUNICIPAL WATER DISTRICT
July 2026
General Checks 56304 through 56415
Payroll Wire Transfer July
07/10/2026, 07/24/2026, 07/31/2026 (D)

Check Number	Name	Description	Paid Amount
7312655	ACWA/JPIA		62.00
7312655	ACWA/JPIA		227.22
7312655	ACWA/JPIA		4,317.13
7312655	ACWA/JPIA		557.45
7312655	ACWA/JPIA		557.45
7312655	ACWA/JPIA		84.63
7312655	ACWA/JPIA		1,607.97
7312655	ACWA/JPIA		212.45
7312655	ACWA/JPIA		212.45
7312655	ACWA/JPIA		212.45
7312655	ACWA/JPIA		424.90
7312655	ACWA/JPIA		1,563.62
7312655	ACWA/JPIA		89.16
7312655	ACWA/JPIA		781.81
7312655	ACWA/JPIA		835.31
7312655	ACWA/JPIA		837.79-
7312655	ACWA/JPIA		1,563.62
7312655	ACWA/JPIA		781.81
7312655	ACWA/JPIA		2,899.02-
7312655	ACWA/JPIA		611.28
7312655	ACWA/JPIA		131.81-
7312655	ACWA/JPIA		103.26
7312655	ACWA/JPIA		17.21-
7312655	ACWA/JPIA		14.88
7312655	ACWA/JPIA		2.48-
Total 9:			49,381.20
7312657	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 07/19/2026	540.56
7312657	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 07/19/2026	269.71
7312657	RELIANCE STANDARD LIFE INS CO.	Group Life - Taxable Pay Period: 07/19/2026	797.54
7312657	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 07/31/2026	8.05
7312657	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 07/31/2026	1.93
7312657	RELIANCE STANDARD LIFE INS CO.	ROUNDING ADJ 0.01	.01
Total 10:			1,617.80

THREE VALLEYS MUNICIPAL WATER DISTRICT

THREE VALLEYS MUNICIPAL WATER DISTRICT
July 2026
General Checks 56304 through 56415
Payroll Wire Transfer July
07/10/2026, 07/24/2026, 07/31/2026 (D)

Check Number	Name	Description	Paid Amount
7312658	RELIANCE STANDARD LIFE INS.	ST/LT Short Term Disability Pay Period: 07/19/2026	1,272.93
7312658	RELIANCE STANDARD LIFE INS.	ROUNDING ADJ 0.03	.03-
Total 11:			1,272.90
Grand Totals:			249,629.53

TOTAL AMOUNT OF PAYROLL CHECKS LISTED	**$ 242,984.11**

TOTAL JULY 2026 CASH DISBURSEMENTS	**$ 6,219,904.74**

THREE VALLEYS MUNICIPAL WATER DISTRICT
Warrant List
July 2026
Umpqua Bank Credit Cards Invoice Detail

Vendor	Description	Paid Amount
MISCELLANEOUS VENDORS	TREATMENT PLANT SUPPLIES, EVENT REGISTRATIONS AND RELATED EXPENSES	$4,753.44
SYNCB/AMAZON	JANITORIAL, OFFICE AND OTHER MISC. SUPPLIES	$2,170.66
ZOOM	ANNUAL RENEWAL	$2,719.00
	TOTAL AMOUNT OF UMPQUA BANK CARD SERVICES INVOICE	**$ 9,643.10**

BOARD INFORMATION

THREE VALLEYS MUNICIPAL WATER DISTRICT

BOARD OF DIRECTORS
STAFF REPORT

To: TVMWD Board of Directors

From: Matthew H. Litchfield, General Manager

Date: September 16, 2026

Subject: Change in Cash and Cash Equivalents Report

Staff Recommendation
No Action Necessary – Informational Item Only

Discussion
Attached for review is the Change in Cash and Cash Equivalents Report for the period ending August 31, 2026.

The Change in Cash and Cash Equivalents reports cash receipts, cash payments, and net changes in cash resulting from operations, investing, and financing activities. This report demonstrates where the cash came from, how the cash was used, and how much the change in cash was during the month.

Fiscal Impact
None

Environmental Impact
None

Strategic Plan Objective(s)
2.1 – Financial Stability

Attachment(s)
Exhibit A – Change in Cash and Cash Equivalents Report

Meeting History

None

NA/EG

THREE VALLEYS MUNICIPAL WATER DISTRICT

CHANGE IN CASH AND CASH EQUIVALENTS REPORT

August 1 through August 31, 2026

		CASH	CASH EQUIVALENTS
SUMMARY 08/31/26			
Petty Cash		6,000.00	
Local Agency Investment Fund			6,913,151.83
California Asset Management Program (CAMP)			3,051,501.17
General Checking		369,045.75	
TOTAL CASH IN BANKS & ON HAND		**$ 375,045.75**	**$ 9,964,653.00**
TOTAL CASH IN BANKS & ON HAND	08/31/26	375,045.75	9,964,653.00
TOTAL CASH IN BANKS & ON HAND	07/31/26	1,405,137.11	8,504,848.87
PERIOD INCREASE/(DECREASE)		***$ (1,030,091.36)***	***$ 1,459,804.13***
CHANGE IN CASH POSITION DUE TO:			
Water Sales/Charges Revenue		8,148,365.95	
Subvention/RTS Standby Charge Revenue		106,596.10	
Hydroelectric Revenue			
Other Revenue		46,785.29	
Investment Xfer From Chandler Asset Mgt			
LAIF Quarterly Interest			
California Asset Mgmt Program Interest			9,804.13
Transfer to/from CAMP			
Transfer to/from LAIF			1,450,000.00
INFLOWS		8,301,747.34	1,459,804.13
Expenditures		(7,176,968.97)	
Current Month Outstanding Payables		110,022.43	
Prior Month Cleared Payables		(232,959.13)	
Bank Service Fees		-	
HRA/HSA/FSA/Dependent Care Payment		(1,402.03)	
CalPERS Unfunded Liability /1959 Survivor Ben		(580,531.00)	
PARS Pension Trust			
Investment Xfer to Chandler Asset Mgt			
Transfer to/from CAMP			
Transfer to/from LAIF		(1,450,000.00)	
OUTFLOWS		(9,331,838.70)	-
PERIOD INCREASE/(DECREASE)		***(1,030,091.36)***	***1,459,804.13***
		$ 0.00	$ -

THREE VALLEYS
MUNICIPAL WATER DISTRICT

BOARD ACTION

BOARD OF DIRECTORS
STAFF REPORT

To: TVMWD Board of Directors

From: Matthew H. Litchfield, General Manager

Date: September 16, 2026

Subject: Investment Portfolio Performance and Compliance Summary – August 2026

Staff Recommendation
Staff recommends that the Board receive and file the Investment Portfolio Performance and Compliance Summary for the month ended August 31, 2026.

Discussion
As of August 31, 2026, the District's investment portfolio totaled approximately $15.27 million (book value) with a market value of $15.22 million and an overall book yield of 3.88%. The portfolio includes securities managed by Chandler Asset Management, balances held in the Local Agency Investment Fund (LAIF) and the California Asset Management Program (CAMP), and operating cash held in District bank accounts.

The Chandler-managed portion of the portfolio totaled approximately $5.04 million (book value) with a book yield of 4.14%. The portfolio is diversified across permitted investment types including U.S. Treasuries, federal agencies, corporate securities, and other high-grade instruments consistent with the District's investment policy. The Chandler portfolio generated a 2.19% one-year total return, compared to 1.95% for its benchmark. Yield reflects the income rate generated by the portfolio, while total return includes both income and changes in market value over time. Because the District generally holds securities to maturity, investment income rather than short-term market value changes is the primary driver of portfolio earnings.

The District also maintains liquid balances in pooled investment programs and operating accounts. As of August 31, 2026, the District held approximately $6.91 million in LAIF, $3.05 million in CAMP, and $0.26 million in operating cash and petty cash, providing liquidity for operational and capital needs.

This report is provided in accordance with California Government Code Section 53646, which requires periodic reporting to the governing body on the status of the District's investment portfolio. The District's investment portfolio remains in compliance with California Government Code Sections 53600 et seq. and the District's adopted Investment Policy. Consistent with the statutory priorities of safety, liquidity, and yield, the portfolio is structured to preserve capital, maintain sufficient liquidity to meet operational and capital funding needs, and generate stable investment income. Based on current balances and projected expenditures, the portfolio provides sufficient liquidity to meet the District's anticipated cash flow requirements for the next six months.

Fiscal Impact

There is no direct fiscal impact associated with receiving and filing this report. The report is informational only.

Environmental Impact

None

Strategic Plan Objective(s)

2.2 – Accountability

Attachment(s)

Exhibit A – Consolidated Listing of Investment Portfolio – August 31, 2026
Exhibit B – Chandler Asset Management Investment Portfolio Detail – August 31, 2026

Meeting History

None

NA/EG

THREE VALLEYS MUNICIPAL WATER DISTRICT

CONSOLIDATED LISTING OF INVESTMENT PORTFOLIO

August 31, 2026

ITEM	BOOK YIELD	BOOK VALUE	PAR VALUE	MARKET VALUE
Chandler Asset Management				
ABS - Asset Backed Securities	4.56%	171,353.05	171,363.70	171,114.12
Bonds - Agency	4.35%	526,956.94	525,000.00	526,881.45
CMO - Collateralized Mortgage Obligation	4.66%	231,969.47	239,991.58	230,435.73
Cash	0.00%	178.63	178.63	178.63
US Corporate	4.43%	1,274,789.15	1,275,000.00	1,264,088.05
Money Market Fund	3.29%	106,368.46	106,368.46	106,368.46
Supranational	4.25%	218,969.77	220,000.00	217,744.69
US Treasury	3.90%	2,509,376.63	2,520,000.00	2,478,174.01
	4.14%	**5,039,962.10**	**5,057,902.37**	**4,994,985.13**
Local Agency Invest Fund TVMWD	3.86%	6,913,151.83	6,913,151.83	6,913,151.83
California Asset Management Program	3.80%	3,051,501.17	3,051,501.17	3,051,501.17
Reserve Fund		**$ 15,004,615.10**	**$ 15,022,555.37**	**$ 14,959,638.13**
Checking (Citizens)	0.55%	259,023.32	259,023.32	259,023.32
Petty Cash Fund	0.00%	6,000.00	6,000.00	6,000.00
Working Cash		**$ 265,023.32**	**$ 265,023.32**	**$ 265,023.32**
TOTAL PORTFOLIO	**3.88%**	**$ 15,269,638.42**	**$ 15,287,578.69**	**$ 15,224,661.45**

I certify that this report accurately reflects all investments of Three Valleys Municipal Water District and that all investments and this report are in conformity with Sections 53600 et seq of the California Government Code and the District's annual statement of investment policy (Resolution 26-06-1028). The District's investment program herein shown provides sufficient cash flow and liquidity to meet all budgeted expenditures for the next six months.

MATTHEW H. LITCHFIELD, General Manager/Assistant Treasurer

CHANDLER ASSET MANAGEMENT

MONTHLY ACCOUNT STATEMENT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

CHANDLER ASSET MANAGEMENT | chandlerasset.com

Chandler Team:

For questions about your account, please call (800) 317-4747,
or contact clientservice@chandlerasset.com

Custodian:

US Bank

Information contained herein is confidential. We urge you to compare this statement to the one you receive from your qualified custodian. Please see Important Disclosures at the end of the statement.

PORTFOLIO SUMMARY

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Portfolio Characteristics

Average Modified Duration	2.42
Average Coupon	3.94%
Average Purchase YTM	4.14%
Average Market YTM	4.47%
Average Credit Quality*	AA
Average Final Maturity	2.77
Average Life	2.67

Account Summary

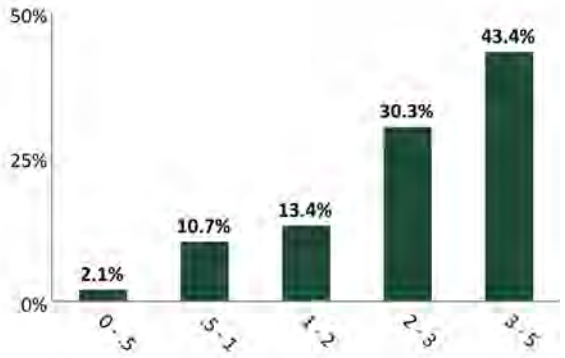
	End Values as of 07/31/2026	End Values as of 08/31/2026
Market Value	4,991,244.07	4,994,985.13
Accrued Interest	40,489.01	46,483.79
Total Market Value	**5,031,733.09**	**5,041,468.92**
Income Earned	17,097.62	17,134.60
Cont/WD	0.00	0.00
Par	5,047,257.23	5,057,902.37
Book Value	5,029,454.04	5,039,962.10
Cost Value	5,001,781.44	5,016,276.12

Top Issuers

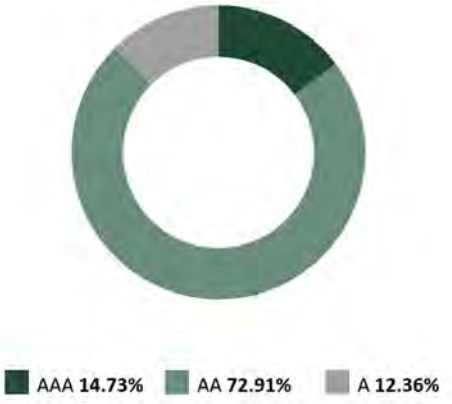
USA	49.61%
Federal Home Loan Banks	5.93%
Farm Credit System	4.62%
Federal Home Loan Mortgage Corp	4.61%
International Bank for Recon and Dev	2.36%
First American Govt Oblig Fund	2.13%
Berkshire Hathaway Inc.	1.78%
Blackrock, Inc.	1.69%

Sector Allocation

Maturity Distribution



Credit Quality*



Performance Review

Total Rate of Return**	1M	3M	YTD	1YR	2YRS	3YRS	5YRS	10YRS	Since Inception (05/01/09)
Three Valleys Municipal WD	0.21%	0.22%	0.75%	2.19%	3.45%	4.48%	1.88%	2.04%	2.03%
Benchmark Return	0.20%	0.21%	0.59%	1.95%	3.18%	4.16%	1.49%	1.69%	1.70%

*The average credit quality is a weighted average calculation of the highest of S&P, Moody's and Fitch.
**Periods over 1 year are annualized.
Benchmark: ICE BofA 1-5 Year Unsubordinated US Treasury & Agency Index

STATEMENT OF COMPLIANCE

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Rules Name	Limit	Actual	Compliance Status	Notes
AGENCY MORTGAGE SECURITIES				
Max % (MV)	20.0	4.6	Compliant	
Max Maturity (Years)	5.0	3.7	Compliant	
Min Rating (AA- by 1)	0.0	0.0	Compliant	
ASSET-BACKED SECURITIES (ABS)				
Max % (MV; Non Agency ABS & MBS)	20.0	3.4	Compliant	
Max % Issuer (MV)	5.0	0.8	Compliant	
Max Maturity (Years)	5	3	Compliant	
Min Rating (AA- by 1)	0.0	0.0	Compliant	
BANKERS' ACCEPTANCES				
Max % (MV)	40.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Days)	180	0.0	Compliant	
Min Rating (A- by 1)	0.0	0.0	Compliant	
COMMERCIAL PAPER				
Max % (MV)	25.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Days)	270	0.0	Compliant	
Min Rating (A-1 by 1)	0.0	0.0	Compliant	
CORPORATE MEDIUM TERM NOTES				
Max % (MV)	30.0	25.4	Compliant	
Max % Issuer (MV)	5.0	1.8	Compliant	
Max Maturity (Years)	5	4	Compliant	
Min Rating (A- by 1)	0.0	0.0	Compliant	
FEDERAL AGENCIES				
Max % (MV)	100.0	10.6	Compliant	
Max Maturity (Years)	5	2	Compliant	
LOCAL AGENCY INVESTMENT FUND (LAIF)				
Max Concentration (MV)	75.0	0.0	Compliant	
MONEY MARKET MUTUAL FUNDS				
Max % (MV)	20.0	2.1	Compliant	
Max % Issuer (MV)	20.0	2.1	Compliant	

The Statement of Compliance reflects Chandler's assessment of compliance with the applicable investment policy for the assets Chandler directly manages. The report may also present assets reported to Chandler by clients, custodians, or other third parties. Chandler includes those assets in the assessment but has no discretionary authority over them, does not independently verify the information provided, and assumes no responsibility for the accuracy or completeness of that information. Questions regarding this report should be directed to the designated investment professional.

STATEMENT OF COMPLIANCE

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Rules Name	Limit	Actual	Compliance Status	Notes
Min Rating (AAA by 2)	0.0	0.0	Compliant	
MORTGAGE-BACKED SECURITIES (NON-AGENCY)				
Max % (MV)	20.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5.0	0.0	Compliant	
Min Rating (AA- by 1)	0.0	0.0	Compliant	
MUNICIPAL SECURITIES (CA, LOCAL AGENCY)				
Max % (MV)	100.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5.0	0.0	Compliant	
NEGOTIABLE CERTIFICATES OF DEPOSIT (NCD)				
Max % (MV)	30.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5	0.0	Compliant	
Min Rating (A- by 1)	0.0	0.0	Compliant	
SUPRANATIONAL OBLIGATIONS				
Max % (MV)	30.0	4.4	Compliant	
Max % Issuer (MV)	10.0	2.4	Compliant	
Max Maturity (Years)	5	3	Compliant	
Min Rating (AA- by 1)	0.0	0.0	Compliant	
TIME DEPOSITS/CERTIFICATES OF DEPOSIT				
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5.0	0.0	Compliant	
U.S. TREASURIES				
Max % (MV)	100.0	49.5	Compliant	
Max Maturity (Years)	5	4	Compliant	

The Statement of Compliance reflects Chandler's assessment of compliance with the applicable investment policy for the assets Chandler directly manages. The report may also present assets reported to Chandler by clients, custodians, or other third parties. Chandler includes those assets in the assessment but has no discretionary authority over them, does not independently verify the information provided, and assumes no responsibility for the accuracy or completeness of that information. Questions regarding this report should be directed to the designated investment professional.

RECONCILIATION SUMMARY

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Maturities / Calls

Month to Date	**(75,000.00)**
Fiscal Year to Date	**(75,000.00)**

Principal Paydowns

Month to Date	**(3,592.11)**
Fiscal Year to Date	**(6,223.08)**

Purchases

Month to Date	**212,221.77**
Fiscal Year to Date	**231,903.26**

Sales

Month to Date	**(123,868.03)**
Fiscal Year to Date	**(124,475.62)**

Interest Received

Month to Date	**10,357.94**
Fiscal Year to Date	**27,408.46**

Purchased / Sold Interest

Month to Date	**11.25**
Fiscal Year to Date	**11.25**

Accrual Activity Summary

	Month to Date	Fiscal Year to Date (07/01/2026)
Beginning Book Value	5,029,454.04	5,012,181.43
Maturities/Calls	(75,000.00)	(75,000.00)
Principal Paydowns	(3,592.11)	(6,223.08)
Purchases	212,221.77	231,903.26
Sales	(123,868.03)	(124,475.62)
Change in Cash, Payables, Receivables	131.53	143.38
Amortization/Accretion	770.63	1,588.46
Realized Gain (Loss)	(155.73)	(155.73)
Ending Book Value	5,039,962.10	5,039,962.10

Fair Market Activity Summary

	Month to Date	Fiscal Year to Date (07/01/2026)
Beginning Market Value	4,991,244.07	4,994,791.55
Maturities/Calls	(75,000.00)	(75,000.00)
Principal Paydowns	(3,592.11)	(6,223.08)
Purchases	212,221.77	231,903.26
Sales	(123,868.03)	(124,475.62)
Change in Cash, Payables, Receivables	131.53	143.38
Amortization/Accretion	770.63	1,588.46
Change in Net Unrealized Gain (Loss)	(6,766.99)	(27,587.09)
Realized Gain (Loss)	(155.73)	(155.73)
Ending Market Value	4,994,985.13	4,994,985.13

HOLDINGS REPORT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

CUSIP	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P/ Fitch	Maturity Duration
ABS									
05594HAD5	BMWLT 2025-2 A3 3.97 09/25/2028	25,000.00	10/08/2025 4.32%	24,999.93 24,999.95	99.62 4.46%	24,905.40 16.54	0.50% (94.55)	NA/AAA AAA	2.07 0.83
43813YAC6	HAROT 2024-3 A3 4.57 03/21/2029	19,894.95	08/09/2024 4.66%	19,891.82 19,893.21	100.16 4.34%	19,926.76 25.26	0.40% 33.55	Aaa/NA AAA	2.55 0.57
58768YAD7	MBALT 2025-A A3 4.61 04/16/2029	25,000.00	05/14/2025 4.66%	24,996.95 24,997.95	100.16 4.52%	25,040.08 51.22	0.50% 42.12	NA/AAA AAA	2.62 1.17
89239TAD4	TAOT 2024-D A3 4.4 06/15/2029	12,467.45	10/10/2024 4.51%	12,466.75 12,467.03	100.04 4.38%	12,472.30 24.38	0.25% 5.27	Aaa/AAA NA	2.79 0.65
34535VAD6	FORDO 2024-D A3 4.61 08/15/2029	29,001.31	11/19/2024 4.66%	29,000.38 29,000.73	100.18 4.38%	29,053.30 59.42	0.58% 52.58	Aaa/NA AAA	2.96 0.66
44935CAD3	HART 2025-A A3 4.32 10/15/2029	30,000.00	03/04/2025 4.84%	29,995.58 29,997.00	99.95 4.42%	29,985.12 57.60	0.60% (11.88)	NA/AAA AAA	3.12 0.79
89231GAD0	TAOT 2025-D A3 3.84 06/17/2030	30,000.00	10/15/2025 4.27%	29,996.55 29,997.19	99.10 4.53%	29,731.17 51.20	0.60% (266.02)	NA/AAA AAA	3.79 1.36
Total ABS		**171,363.70**	**4.56%**	**171,347.96 171,353.05**	**99.86 4.44%**	**171,114.12 285.62**	**3.43% (238.92)**		**2.89 0.89**
AGENCY									
3130ATS57	FEDERAL HOME LOAN BANKS 4.5 03/10/2028	60,000.00	04/06/2023 3.51%	62,670.00 60,826.57	100.24 4.34%	60,143.28 1,282.50	1.20% (683.29)	Aa1/AA+ AA+	1.53 1.43
3130AWTR1	FEDERAL HOME LOAN BANKS 4.375 09/08/2028	100,000.00	09/12/2023 4.49%	99,493.50 99,794.73	100.02 4.37%	100,016.40 2,102.43	2.00% 221.67	Aa1/AA+ AA+	2.02 1.87
3133EPWK7	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 09/22/2028	130,000.00	09/27/2023 4.76%	128,515.40 129,386.92	100.25 4.37%	130,330.59 2,583.75	2.61% 943.67	Aa1/AA+ AA+	2.06 1.91
3133EPC45	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.625 11/13/2028	100,000.00	11/27/2023 4.46%	100,716.00 100,317.70	100.50 4.38%	100,501.80 1,387.50	2.01% 184.10	Aa1/AA+ AA+	2.20 2.05
3130AXQK7	FEDERAL HOME LOAN BANKS 4.75 12/08/2028	80,000.00	-- 4.03%	82,524.30 81,172.45	100.74 4.40%	80,589.52 876.11	1.61% (582.93)	Aa1/AA+ AA+	2.27 2.11
3130B1BC0	FEDERAL HOME LOAN BANKS 4.625 06/08/2029	55,000.00	06/18/2024 4.29%	55,822.80 55,458.57	100.55 4.41%	55,299.86 586.48	1.11% (158.71)	Aa1/AA+ AA+	2.77 2.55
Total Agency		**525,000.00**	**4.35%**	**529,742.00 526,956.94**	**100.36 4.38%**	**526,881.45 8,818.77**	**10.55% (75.49)**		**2.13 1.97**
AGENCY CMBS									

HOLDINGS REPORT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

CUSIP	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P/ Fitch	Maturity Duration
3137FETN0	FHMS K-073 A2 3.35 01/25/2028	49,991.58	07/10/2023 4.75%	47,331.87 49,198.39	98.44 4.46%	49,209.92 139.56	0.99% 11.52	Aa1/AA+ AAA	1.40 1.24
3137FG6X8	FHMS K-077 A2 3.85 05/25/2028	90,000.00	05/24/2023 4.65%	88,347.66 89,441.26	98.73 4.54%	88,854.21 288.75	1.78% (587.05)	Aa1/AA+ AAA	1.73 1.56
3137H4BY5	FHMS K-746 A2 2.031 09/25/2028	50,000.00	10/26/2023 5.31%	43,060.55 47,129.18	94.97 4.62%	47,485.60 84.63	0.95% 356.42	Aa1/AA+ AAA	2.07 1.93
3137FTFY8	FHMS K-109 A2 1.558 04/25/2030	50,000.00	12/16/2025 3.89%	45,457.03 46,200.64	89.77 4.71%	44,886.00 64.92	0.90% (1,314.64)	Aa1/AA+ AAA	3.65 3.36
Total Agency CMBS		**239,991.58**	**4.66%**	**224,197.11** **231,969.47**	**96.15** **4.57%**	**230,435.73** **577.85**	**4.61%** **(1,533.74)**		**2.11** **1.92**
CASH									
CCYUSD	Receivable	178.63	--	178.63 178.63	1.00	178.63 0.00	0.00% 0.00	Aaa/AAA AAA	0.00 0.00
Total Cash		**178.63**		**178.63** **178.63**	**1.00**	**178.63** **0.00**	**0.00%** **0.00**		**0.00** **0.00**
CORPORATE									
084664CZ2	BERKSHIRE HATHAWAY FINANCE CORP 2.3 03/15/2027	90,000.00	-- 2.70%	88,360.10 89,821.04	98.96 4.26%	89,068.41 954.50	1.78% (752.63)	Aa2/AA A+	0.54 0.52
09247XAN1	BLACKROCK FINANCE INC 3.2 03/15/2027	85,000.00	04/25/2022 3.40%	84,219.70 84,914.66	99.50 4.14%	84,577.81 1,254.22	1.69% (336.86)	Aa3/AA- NA	0.54 0.52
037833ET3	APPLE INC 4.0 05/10/2028	10,000.00	05/08/2023 4.04%	9,980.70 9,993.48	99.38 4.38%	9,937.63 123.33	0.20% (55.85)	Aaa/AA+ NA	1.69 1.60
341081GN1	FLORIDA POWER & LIGHT CO 4.4 05/15/2028	60,000.00	06/15/2023 4.69%	59,248.80 59,739.11	99.78 4.53%	59,866.98 777.33	1.20% 127.87	Aa2/A+ AA-	1.71 1.61
58933YBH7	MERCK & CO INC 4.05 05/17/2028	15,000.00	05/08/2023 4.07%	14,987.85 14,995.85	99.36 4.44%	14,904.39 175.50	0.30% (91.46)	Aa3/A+ NA	1.71 1.62
74340XCG4	PROLOGIS LP 4.875 06/15/2028	60,000.00	09/27/2023 5.59%	58,248.00 59,335.24	100.51 4.57%	60,307.44 617.50	1.21% 972.20	A2/A NA	1.79 1.60
69371RS80	PACCAR FINANCIAL CORP 4.6 01/31/2029	60,000.00	01/24/2024 4.64%	59,902.20 59,952.73	99.98 4.61%	59,988.00 237.67	1.20% 35.27	A1/A+ NA	2.42 2.25
06051GHG7	BANK OF AMERICA CORPORATION 3.97 03/05/2029	45,000.00	03/25/2024 5.20%	43,054.64 44,255.11	98.81 4.94%	44,462.43 873.40	0.89% 207.32	A1/A- AA-	2.51 1.42
46647PAX4	JPMORGAN CHASE & CO 4.452 12/05/2029	70,000.00	12/09/2024 4.72%	69,325.20 69,617.18	99.19 5.01%	69,431.25 744.47	1.39% (185.93)	A1/A AA-	3.26 2.10

HOLDINGS REPORT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

CUSIP	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P/ Fitch	Maturity Duration
91324PFG2	UNITEDHEALTH GROUP INC 4.8 01/15/2030	60,000.00	01/28/2025 4.84%	59,883.60 59,920.86	99.85 4.85%	59,912.88 368.00	1.20% (7.98)	A2/A+ A	3.38 3.06
63743HFX5	NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP 4.95 02/07/2030	60,000.00	-- 4.87%	60,186.20 60,137.46	100.12 4.91%	60,072.66 198.00	1.20% (64.80)	A2/NA A	3.44 3.11
756109BR4	REALTY INCOME CORP 4.85 03/15/2030	60,000.00	07/14/2025 4.53%	60,778.20 60,582.82	99.79 4.91%	59,876.52 1,341.83	1.20% (706.30)	A3/A- NA	3.54 3.15
571748CA8	MARSH & MCLENNAN COMPANIES INC 4.65 03/15/2030	60,000.00	07/21/2025 4.39%	60,637.20 60,482.20	99.23 4.89%	59,535.48 1,286.50	1.19% (946.72)	A3/A- A-	3.54 3.16
857477DB6	STATE STREET CORP 4.834 04/24/2030	60,000.00	06/23/2025 4.49%	60,872.40 60,654.05	100.13 4.79%	60,080.88 1,023.20	1.20% (573.17)	Aa3/A AA-	3.65 3.25
06051GHV4	BANK OF AMERICA CORPORATION 3.194 07/23/2030	25,000.00	08/25/2025 4.61%	23,959.50 24,174.92	95.28 5.04%	23,819.25 84.29	0.48% (355.67)	A1/A- AA-	3.89 2.71
828807DZ7	SIMON PROPERTY GROUP LP 4.375 10/01/2030	60,000.00	12/08/2025 4.27%	60,261.60 60,221.31	98.04 4.91%	58,826.52 1,093.75	1.18% (1,394.79)	A3/A NA	4.08 3.62
89236TPH2	TOYOTA MOTOR CREDIT CORP 4.2 01/10/2031	25,000.00	01/07/2026 4.21%	24,992.25 24,993.24	97.37 4.88%	24,341.40 148.75	0.49% (651.84)	A1/A+ A+	4.36 3.90
025816DY2	AMERICAN EXPRESS COMPANY 5.085 01/30/2031	60,000.00	01/29/2026 4.31%	61,696.20 61,447.75	100.28 4.93%	60,169.08 262.73	1.20% (1,278.67)	A2/A- A	4.42 3.09
023135DD5	AMAZON.COM INC 4.25 03/13/2031	65,000.00	-- 4.44%	64,451.00 64,488.39	96.98 5.00%	63,034.34 1,289.17	1.26% (1,454.06)	A1/AA AA-	4.53 3.98
61747YFZ3	MORGAN STANLEY 5.192 04/17/2031	65,000.00	05/13/2026 4.78%	65,936.00 65,864.20	100.09 5.17%	65,056.49 1,256.18	1.30% (807.72)	A1/A- A+	4.63 3.21
89236TQB4	TOYOTA MOTOR CREDIT CORP 4.55 05/14/2031	35,000.00	05/11/2026 4.60%	34,928.95 34,933.23	98.19 4.98%	34,367.62 473.33	0.69% (565.61)	A1/A+ A+	4.70 4.12
14913V2D9	CATERPILLAR FINANCIAL SERVICES CORP 4.5 05/15/2031	15,000.00	05/11/2026 4.53%	14,979.45 14,980.68	98.28 4.91%	14,742.39 198.75	0.30% (238.29)	A1/A A+	4.70 4.13
58933YCK9	MERCK & CO INC 4.65 05/22/2031	20,000.00	05/18/2026 4.66%	19,987.60 19,988.29	98.99 4.89%	19,798.18 255.75	0.40% (190.11)	Aa3/A+ NA	4.72 4.14
57636QBL7	MASTERCARD INCORPORATED 4.6 06/08/2031	45,000.00	06/04/2026 4.62%	44,964.00 44,965.68	98.69 4.91%	44,410.23 477.25	0.89% (555.45)	Aa3/A+ NA	4.77 4.19
67066GAR5	NVIDIA CORP 4.5 06/15/2031	65,000.00	-- 4.74%	64,321.30 64,329.69	97.69 5.05%	63,499.80 593.13	1.27% (829.89)	Aa1/AA NA	4.79 4.21

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CUSIP	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P/ Fitch	Maturity Duration
				1,270,162.64	**99.16**	**1,264,088.05**	**25.31%**		**3.17**
Total Corporate		**1,275,000.00**	**4.43%**	**1,274,789.15**	**4.78%**	**16,108.51**	**(10,701.11)**		**2.66**
MONEY MARKET FUND									
31846V203	FIRST AMER:GVT OBLG Y	106,368.46	--	106,368.46	1.00	106,368.46	2.13%	Aaa/ AAAm	0.00
			3.29%	106,368.46	3.29%	0.00	0.00	AAA	0.00
Total Money Market Fund		**106,368.46**	**3.29%**	**106,368.46**	**1.00**	**106,368.46**	**2.13%**		**0.00**
				106,368.46	**3.29%**	**0.00**	**0.00**		**0.00**
SUPRANATIONAL									
459058KT9	INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 3.5 07/12/2028	35,000.00	08/25/2023	33,397.70	98.45	34,459.18	0.69%	Aaa/AAA	1.87
			4.56%	34,387.54	4.37%	166.74	71.64	NA	1.77
45950KDD9	INTERNATIONAL FINANCE CORP 4.5 07/13/2028	40,000.00	07/06/2023	39,955.60	100.23	40,093.52	0.80%	Aaa/AAA	1.87
			4.53%	39,983.45	4.37%	240.00	110.07	NA	1.76
4581X0EN4	INTER-AMERICAN DEVELOPMENT BANK 4.125 02/15/2029	60,000.00	02/15/2024	59,467.20	99.31	59,588.28	1.19%	Aaa/AAA	2.46
			4.32%	59,737.40	4.42%	110.00	(149.12)	NA	2.31
459058LN1	INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 3.875 10/16/2029	85,000.00	10/08/2024	84,778.15	98.36	83,603.71	1.67%	Aaa/AAA	3.13
			3.93%	84,861.37	4.44%	1,235.05	(1,257.67)	NA	2.87
Total Supranational		**220,000.00**	**4.25%**	**217,598.65**	**98.98**	**217,744.69**	**4.36%**		**2.51**
				218,969.77	**4.41%**	**1,751.79**	**(1,225.08)**		**2.34**
US TREASURY									
91282CEF4	UNITED STATES TREASURY 2.5 03/31/2027	90,000.00	05/25/2022	89,050.78	99.13	89,219.43	1.79%	Aa1/AA+	0.58
			2.73%	89,886.84	4.03%	946.72	(667.41)	AA+	0.56
91282CET4	UNITED STATES TREASURY 2.625 05/31/2027	150,000.00	06/21/2022	144,855.47	98.90	148,351.20	2.97%	Aa1/AA+	0.75
			3.38%	149,224.33	4.13%	1,000.51	(873.13)	AA+	0.72
91282CFB2	UNITED STATES TREASURY 2.75 07/31/2027	125,000.00	08/30/2022	121,923.83	98.69	123,361.38	2.47%	Aa1/AA+	0.91
			3.29%	124,429.32	4.23%	298.91	(1,067.95)	AA+	0.89
91282CGC9	UNITED STATES TREASURY 3.875 12/31/2027	125,000.00	01/30/2023	126,049.80	99.45	124,316.38	2.49%	Aa1/AA+	1.33
			3.69%	125,284.24	4.30%	829.23	(967.86)	AA+	1.27

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CUSIP	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P/ Fitch	Maturity Duration
91282CHE4	UNITED STATES TREASURY 3.625 05/31/2028	70,000.00	06/15/2023 3.93%	69,042.97 69,662.85	98.80 4.34%	69,163.29 644.77	1.38% (499.56)	Aa1/AA+ AA+	1.75 1.66
91282CHQ7	UNITED STATES TREASURY 4.125 07/31/2028	60,000.00	02/10/2025 4.29%	59,690.63 59,829.19	99.60 4.34%	59,760.96 215.22	1.20% (68.23)	Aa1/AA+ AA+	1.92 1.81
91282CJW2	UNITED STATES TREASURY 4.0 01/31/2029	90,000.00	02/26/2024 4.31%	88,751.95 89,387.76	99.12 4.39%	89,208.99 313.04	1.79% (178.77)	Aa1/AA+ AA+	2.42 2.27
91282CKD2	UNITED STATES TREASURY 4.25 02/28/2029	70,000.00	04/22/2024 4.67%	68,747.66 69,356.16	99.70 4.38%	69,792.17 8.22	1.40% 436.01	Aa1/AA+ AA+	2.50 2.34
91282CKG5	UNITED STATES TREASURY 4.125 03/31/2029	75,000.00	-- 4.48%	73,827.15 74,384.69	99.37 4.39%	74,525.40 1,301.74	1.49% 140.71	Aa1/AA+ AA+	2.58 2.38
91282CKP5	UNITED STATES TREASURY 4.625 04/30/2029	80,000.00	-- 4.64%	79,950.78 79,974.14	100.58 4.39%	80,462.48 1,246.74	1.61% 488.34	Aa1/AA+ AA+	2.66 2.45
91282CKT7	UNITED STATES TREASURY 4.5 05/31/2029	60,000.00	06/27/2024 4.30%	60,532.03 60,296.79	100.25 4.40%	60,150.00 686.07	1.20% (146.79)	Aa1/AA+ AA+	2.75 2.53
91282CKX8	UNITED STATES TREASURY 4.25 06/30/2029	55,000.00	07/08/2024 4.23%	55,051.56 55,029.31	99.59 4.41%	54,772.25 400.17	1.10% (257.07)	Aa1/AA+ AA+	2.83 2.62
91282CEV9	UNITED STATES TREASURY 3.25 06/30/2029	75,000.00	07/29/2024 4.10%	72,175.78 73,375.60	96.95 4.41%	72,714.83 417.29	1.46% (660.78)	Aa1/AA+ AA+	2.83 2.65
91282CLC3	UNITED STATES TREASURY 4.0 07/31/2029	95,000.00	07/29/2024 4.08%	94,654.88 94,798.90	98.88 4.41%	93,938.66 330.43	1.88% (860.24)	Aa1/AA+ AA+	2.91 2.71
91282CFJ5	UNITED STATES TREASURY 3.125 08/31/2029	135,000.00	-- 3.50%	132,698.44 133,607.33	96.42 4.41%	130,169.57 11.65	2.61% (3,437.77)	Aa1/AA+ AA+	3.00 2.82
91282CLN9	UNITED STATES TREASURY 3.5 09/30/2029	50,000.00	01/28/2025 4.37%	48,183.59 48,801.49	97.38 4.42%	48,689.45 736.34	0.97% (112.04)	Aa1/AA+ AA+	3.08 2.84
91282CLR0	UNITED STATES TREASURY 4.125 10/31/2029	60,000.00	11/19/2024 4.24%	59,707.03 59,812.47	99.11 4.43%	59,463.30 833.97	1.19% (349.17)	Aa1/AA+ AA+	3.17 2.89
91282CMA6	UNITED STATES TREASURY 4.125 11/30/2029	70,000.00	12/18/2024 4.24%	69,641.80 69,764.90	99.08 4.43%	69,354.67 733.71	1.39% (410.23)	Aa1/AA+ AA+	3.25 2.97
91282CMD0	UNITED STATES TREASURY 4.375 12/31/2029	65,000.00	12/30/2024 4.38%	64,972.07 64,981.39	99.82 4.43%	64,883.20 486.84	1.30% (98.19)	Aa1/AA+ AA+	3.33 3.04
91282CMU2	UNITED STATES TREASURY 4.0 03/31/2030	75,000.00	04/15/2025 3.98%	75,073.24 75,052.89	98.54 4.45%	73,901.40 1,262.30	1.48% (1,151.49)	Aa1/AA+ AA+	3.58 3.24
91282CMZ1	UNITED STATES TREASURY 3.875 04/30/2030	60,000.00	05/28/2025 4.07%	59,472.66 59,607.65	98.07 4.45%	58,844.52 783.42	1.18% (763.13)	Aa1/AA+ AA+	3.66 3.33
91282CHF1	UNITED STATES TREASURY 3.75 05/31/2030	55,000.00	03/10/2026 3.67%	55,176.17 55,156.29	97.57 4.46%	53,665.81 524.08	1.07% (1,490.48)	Aa1/AA+ AA+	3.75 3.42

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CUSIP	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P/ Fitch	Maturity Duration
91282CNK3	UNITED STATES TREASURY 3.875 06/30/2030	55,000.00	08/25/2025 3.80%	55,178.32 55,140.92	97.96 4.46%	53,876.35 364.86	1.08% (1,264.57)	Aa1/AA+ AA+	3.83 3.49
91282CNN7	UNITED STATES TREASURY 3.875 07/31/2030	55,000.00	08/25/2025 3.80%	55,182.62 55,144.98	97.91 4.46%	53,850.61 185.33	1.08% (1,294.37)	Aa1/AA+ AA+	3.91 3.57
91282CNX5	UNITED STATES TREASURY 3.625 08/31/2030	55,000.00	09/22/2025 3.69%	54,849.61 54,878.22	96.93 4.47%	53,313.48 5.51	1.07% (1,564.74)	Aa1/AA+ AA+	4.00 3.67
91282CPA3	UNITED STATES TREASURY 3.625 09/30/2030	55,000.00	11/13/2025 3.71%	54,793.75 54,827.45	96.88 4.47%	53,281.25 838.90	1.07% (1,546.20)	Aa1/AA+ AA+	4.08 3.68
91282CPD7	UNITED STATES TREASURY 3.625 10/31/2030	50,000.00	10/30/2025 3.72%	49,787.11 49,822.67	96.79 4.48%	48,396.50 610.73	0.97% (1,426.17)	Aa1/AA+ AA+	4.17 3.76
91282CPN5	UNITED STATES TREASURY 3.5 11/30/2030	65,000.00	12/08/2025 3.76%	64,248.44 64,358.46	96.24 4.48%	62,554.90 578.07	1.25% (1,803.57)	Aa1/AA+ AA+	4.25 3.85
91282CJQ5	UNITED STATES TREASURY 3.75 12/31/2030	65,000.00	01/29/2026 3.80%	64,847.66 64,865.81	97.13 4.49%	63,131.25 417.29	1.26% (1,734.56)	Aa1/AA+ AA+	4.33 3.92
91282CPR6	UNITED STATES TREASURY 3.625 12/31/2030	65,000.00	03/23/2026 3.99%	63,966.60 64,062.05	96.65 4.48%	62,824.00 403.38	1.26% (1,238.06)	Aa1/AA+ AA+	4.33 3.93
91282CJX0	UNITED STATES TREASURY 4.0 01/31/2031	65,000.00	02/10/2026 3.70%	65,891.21 65,792.02	98.05 4.49%	63,733.02 226.09	1.28% (2,059.00)	Aa1/AA+ AA+	4.42 3.98
91282CQD6	UNITED STATES TREASURY 3.5 02/28/2031	70,000.00	03/10/2026 3.70%	69,360.16 69,421.50	96.05 4.48%	67,232.83 6.77	1.35% (2,188.67)	Aa1/AA+ AA+	4.50 4.10
91282CQG9	UNITED STATES TREASURY 3.875 03/31/2031	65,000.00	04/21/2026 3.91%	64,895.90 64,903.52	97.48 4.49%	63,364.86 1,059.80	1.27% (1,538.66)	Aa1/AA+ AA+	4.58 4.07
91282CLD1	UNITED STATES TREASURY 4.125 07/31/2031	65,000.00	08/14/2026 4.32%	64,449.02 64,454.49	98.32 4.51%	63,905.66 233.15	1.28% (548.83)	Aa1/AA+ AA+	4.91 4.38
Total US Treasury		**2,520,000.00**	**3.90%**	**2,496,680.67 2,509,376.63**	**98.36 4.38%**	**2,478,174.01 18,941.25**	**49.61% (31,202.62)**		**2.90 2.66**
Total Portfolio		**5,057,902.37**	**4.14%**	**5,016,276.12 5,039,962.10**	**96.67 4.47%**	**4,994,985.13 46,483.79**	**100.00% (44,976.97)**		**2.77 2.42**
Total Market Value + Accrued						**5,041,468.92**			

TRANSACTION LEDGER

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/ Disp Yield	Amount	Interest Pur/ Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	08/04/2026	31846V203	47.10	FIRST AMER:GVT OBLG Y	1.000	3.27%	(47.10)	0.00	(47.10)	0.00
Purchase	08/07/2026	31846V203	1,485.00	FIRST AMER:GVT OBLG Y	1.000	3.26%	(1,485.00)	0.00	(1,485.00)	0.00
Purchase	08/14/2026	67066GAR5	40,000.00	NVIDIA CORP 4.5 06/15/2031	98.422	4.87%	(39,368.80)	(280.00)	(39,648.80)	0.00
Purchase	08/14/2026	91282CLD1	65,000.00	UNITED STATES TREASURY 4.125 07/31/2031	99.152	4.32%	(64,449.02)	(102.00)	(64,551.02)	0.00
Purchase	08/14/2026	31846V203	19,558.07	FIRST AMER:GVT OBLG Y	1.000	3.26%	(19,558.07)	0.00	(19,558.07)	0.00
Purchase	08/17/2026	31846V203	78,117.98	FIRST AMER:GVT OBLG Y	1.000	3.27%	(78,117.98)	0.00	(78,117.98)	0.00
Purchase	08/17/2026	31846V203	1,037.66	FIRST AMER:GVT OBLG Y	1.000	3.27%	(1,037.66)	0.00	(1,037.66)	0.00
Purchase	08/21/2026	31846V203	1,774.54	FIRST AMER:GVT OBLG Y	1.000	3.27%	(1,774.54)	0.00	(1,774.54)	0.00
Purchase	08/25/2026	31846V203	446.72	FIRST AMER:GVT OBLG Y	1.000	3.28%	(446.72)	0.00	(446.72)	0.00
Purchase	08/25/2026	31846V203	118.12	FIRST AMER:GVT OBLG Y	1.000	3.28%	(118.12)	0.00	(118.12)	0.00
Purchase	08/31/2026	31846V203	5,818.76	FIRST AMER:GVT OBLG Y	1.000	3.29%	(5,818.76)	0.00	(5,818.76)	0.00
Total Purchase			**213,403.95**				**(212,221.77)**	**(382.00)**	**(212,603.77)**	**0.00**
TOTAL ACQUISITIONS			**213,403.95**				**(212,221.77)**	**(382.00)**	**(212,603.77)**	**0.00**
DISPOSITIONS										
Maturity	08/15/2026	9128282A7	(75,000.00)	UNITED STATES TREASURY 1.5 08/15/2026	100.000	0.83%	75,000.00	0.00	75,000.00	0.00
Total Maturity			**(75,000.00)**				**75,000.00**	**0.00**	**75,000.00**	**0.00**

TRANSACTION LEDGER

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/ Disp Yield	Amount	Interest Pur/ Sold	Total Amount	Gain/Loss
Sale	08/14/2026	24422EVW6	(90,000.00)	JOHN DEERE CAPITAL CORP 1.3 10/13/2026	99.522	3.29%	89,569.80	(393.25)	89,963.05	(155.73)
Sale	08/14/2026	31846V203	(33,794.84)	FIRST AMER:GVT OBLG Y	1.000	3.26%	33,794.84	0.00	33,794.84	0.00
Sale	08/18/2026	31846V203	(503.39)	FIRST AMER:GVT OBLG Y	1.000	3.27%	503.39	0.00	503.39	0.00
Total Sale			**(124,298.23)**				**123,868.03**	**(393.25)**	**124,261.28**	**(155.73)**
TOTAL DISPOSITIONS			**(199,298.23)**				**198,868.03**	**(393.25)**	**199,261.28**	**(155.73)**
OTHER TRANSACTIONS										
Coupon	08/01/2026	3137H4BY5	0.00	FHMS K-746 A2 2.031 09/25/2028		5.31%	84.63	0.00	84.63	0.00
Coupon	08/01/2026	3137FETN0	0.00	FHMS K-073 A2 3.35 01/25/2028		4.75%	139.58	0.00	139.58	0.00
Coupon	08/01/2026	3137FG6X8	0.00	FHMS K-077 A2 3.85 05/25/2028		4.65%	288.75	0.00	288.75	0.00
Coupon	08/01/2026	3137FTFY8	0.00	FHMS K-109 A2 1.558 04/25/2030		3.89%	64.92	0.00	64.92	0.00
Coupon	08/07/2026	63743HFX5	0.00	NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP 4.95 02/07/2030		4.87%	1,485.00	0.00	1,485.00	0.00
Coupon	08/15/2026	44935CAD3	0.00	HART 2025-A A3 4.32 10/15/2029		4.84%	108.00	0.00	108.00	0.00
Coupon	08/15/2026	58768YAD7	0.00	MBALT 2025-A A3 4.61 04/16/2029		4.66%	96.04	0.00	96.04	0.00
Coupon	08/15/2026	34535VAD6	0.00	FORDO 2024-D A3 4.61 08/15/2029		4.66%	115.25	0.00	115.25	0.00
Coupon	08/15/2026	89239TAD4	0.00	TAOT 2024-D A3 4.4 06/15/2029		4.51%	48.99	0.00	48.99	0.00

TRANSACTION LEDGER

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Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/ Disp Yield	Amount	Interest Pur/ Sold	Total Amount	Gain/Loss
Coupon	08/15/2026	4581X0EN4	0.00	INTER-AMERICAN DEVELOPMENT BANK 4.125 02/15/2029		4.32%	1,237.50	0.00	1,237.50	0.00
Coupon	08/15/2026	89231GAD0	0.00	TAOT 2025-D A3 3.84 06/17/2030		4.27%	96.00	0.00	96.00	0.00
Coupon	08/15/2026	9128282A7	0.00	UNITED STATES TREASURY 1.5 08/15/2026		0.83%	562.50	0.00	562.50	0.00
Coupon	08/21/2026	43813YAC6	0.00	HAROT 2024-3 A3 4.57 03/21/2029		4.66%	82.21	0.00	82.21	0.00
Coupon	08/25/2026	05594HAD5	0.00	BMWLT 2025-2 A3 3.97 09/25/2028		4.32%	82.71	0.00	82.71	0.00
Coupon	08/31/2026	91282CKD2	0.00	UNITED STATES TREASURY 4.25 02/28/2029		4.67%	1,487.50	0.00	1,487.50	0.00
Coupon	08/31/2026	91282CQD6	0.00	UNITED STATES TREASURY 3.5 02/28/2031		3.70%	1,225.00	0.00	1,225.00	0.00
Coupon	08/31/2026	91282CNX5	0.00	UNITED STATES TREASURY 3.625 08/31/2030		3.69%	996.88	0.00	996.88	0.00
Coupon	08/31/2026	91282CFJ5	0.00	UNITED STATES TREASURY 3.125 08/31/2029		3.50%	2,109.38	0.00	2,109.38	0.00
Total Coupon			**0.00**				**10,310.84**	**0.00**	**10,310.84**	**0.00**
Custody Fee	08/25/2026	CCYUSD	(104.17)	Cash		0.00%	(104.17)	0.00	(104.17)	0.00
Total Custody Fee			**(104.17)**				**(104.17)**	**0.00**	**(104.17)**	**0.00**
Dividend	08/31/2026	31846V203	0.00	FIRST AMER:GVT OBLG Y		3.28%	178.63	0.00	178.63	0.00
Total Dividend			**0.00**				**178.63**	**0.00**	**178.63**	**0.00**
Management Fee	08/18/2026	CCYUSD	(503.39)	Cash		0.00%	(503.39)	0.00	(503.39)	0.00
Total Management Fee			**(503.39)**				**(503.39)**	**0.00**	**(503.39)**	**0.00**

TRANSACTION LEDGER

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/ Disp Yield	Amount	Interest Pur/ Sold	Total Amount	Gain/Loss
Principal Paydown	08/01/2026	3137FETN0	8.42	FHMS K-073 A2 3.35 01/25/2028		4.75%	8.42	--	8.42	0.00
Principal Paydown	08/15/2026	34535VAD6	998.69	FORDO 2024-D A3 4.61 08/15/2029		4.66%	998.69	--	998.69	(0.00)
Principal Paydown	08/15/2026	89239TAD4	892.67	TAOT 2024-D A3 4.4 06/15/2029		4.51%	892.67	--	892.67	0.00
Principal Paydown	08/21/2026	43813YAC6	1,692.33	HAROT 2024-3 A3 4.57 03/21/2029		4.66%	1,692.33	--	1,692.33	(0.00)
Total Principal Paydown			**3,592.11**				**3,592.11**	**--**	**3,592.11**	**(0.00)**
TOTAL OTHER TRANSACTIONS			**2,984.55**				**13,474.02**	**0.00**	**13,474.02**	**(0.00)**

INCOME EARNED

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
CASH & EQUIVALENTS						
31846V203	FIRST AMER:GVT OBLG Y	106,368.46	32,262.74 108,403.95 (34,298.23) 106,368.46	0.00 47.10 0.00 47.10	0.00 0.00 0.00 47.10	47.10
CCYUSD	Receivable	178.63	47.10 0.00 0.00 178.63	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00
Total Cash & Equivalents		**106,547.09**	**32,309.84** **108,403.95** **(34,298.23)** **106,547.09**	**0.00** **47.10** **0.00** **47.10**	**0.00** **0.00** **0.00** **47.10**	**47.10**
FIXED INCOME						
023135DD5	AMAZON.COM INC 4.25 03/13/2031	65,000.00	64,478.80 0.00 0.00 64,488.39	1,058.96 0.00 1,289.17 230.21	9.59 0.00 9.59 239.80	239.80
025816DY2	AMERICAN EXPRESS COMPANY 5.085 01/30/2031	01/29/2026 01/30/2026 60,000.00	61,483.74 0.00 0.00 61,447.75	8.48 0.00 262.73 254.25	0.00 (35.99) (35.99) 218.26	218.26
037833ET3	APPLE INC 4.0 05/10/2028	05/08/2023 05/10/2023 10,000.00	9,993.15 0.00 0.00 9,993.48	90.00 0.00 123.33 33.33	0.33 0.00 0.33 33.66	33.66
05594HAD5	BMWLT 2025-2 A3 3.97 09/25/2028	10/08/2025 10/15/2025 25,000.00	24,999.95 0.00 0.00 24,999.95	16.54 82.71 16.54 82.71	0.00 0.00 0.00 82.71	82.71
06051GHG7	BANK OF AMERICA CORPORATION 3.97 03/05/2029	03/25/2024 03/27/2024 45,000.00	44,213.20 0.00 0.00 44,255.11	724.53 0.00 873.40 148.88	41.91 0.00 41.91 190.78	190.78

INCOME EARNED

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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
06051GHV4	BANK OF AMERICA CORPORATION 3.194 07/23/2030	08/25/2025 08/26/2025 25,000.00	24,156.92 0.00 0.00 24,174.92	17.74 0.00 84.29 66.54	18.00 0.00 18.00 84.54	84.54
084664CZ2	BERKSHIRE HATHAWAY FINANCE CORP 2.3 03/15/2027	90,000.00	89,792.59 0.00 0.00 89,821.04	782.00 0.00 954.50 172.50	28.45 0.00 28.45 200.95	200.95
09247XAN1	BLACKROCK FINANCE INC 3.2 03/15/2027	04/25/2022 04/27/2022 85,000.00	84,901.09 0.00 0.00 84,914.66	1,027.56 0.00 1,254.22 226.67	13.57 0.00 13.57 240.23	240.23
14913V2D9	CATERPILLAR FINANCIAL SERVICES CORP 4.5 05/15/2031	05/11/2026 05/15/2026 15,000.00	14,980.33 0.00 0.00 14,980.68	142.50 0.00 198.75 56.25	0.35 0.00 0.35 56.60	56.60
24422EVW6	JOHN DEERE CAPITAL CORP 1.3 10/13/2026	04/21/2022 04/25/2022 0.00	89,666.07 0.00 (89,725.53) 0.00	351.00 393.25 0.00 42.25	59.47 0.00 59.47 101.72	101.72
3130ATS57	FEDERAL HOME LOAN BANKS 4.5 03/10/2028	04/06/2023 04/10/2023 60,000.00	60,872.66 0.00 0.00 60,826.57	1,057.50 0.00 1,282.50 225.00	0.00 (46.09) (46.09) 178.91	178.91
3130AWTR1	FEDERAL HOME LOAN BANKS 4.375 09/08/2028	09/12/2023 09/14/2023 100,000.00	99,786.11 0.00 0.00 99,794.73	1,737.85 0.00 2,102.43 364.58	8.62 0.00 8.62 373.21	373.21
3130AXQK7	FEDERAL HOME LOAN BANKS 4.75 12/08/2028	80,000.00	81,216.29 0.00 0.00 81,172.45	559.44 0.00 876.11 316.67	0.00 (43.84) (43.84) 272.82	272.82
3130B1BC0	FEDERAL HOME LOAN BANKS 4.625 06/08/2029	06/18/2024 06/20/2024 55,000.00	55,472.63 0.00 0.00 55,458.57	374.50 0.00 586.48 211.98	0.00 (14.06) (14.06) 197.92	197.92

INCOME EARNED

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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
3133EPC45	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.625 11/13/2028	11/27/2023 11/28/2023 100,000.00	100,329.94 0.00 0.00 100,317.70	1,002.08 0.00 1,387.50 385.42	0.00 (12.25) (12.25) 373.17	373.17
3133EPWK7	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 09/22/2028	09/27/2023 09/28/2023 130,000.00	129,361.65 0.00 0.00 129,386.92	2,096.25 0.00 2,583.75 487.50	25.27 0.00 25.27 512.77	512.77
3137FETN0	FHMS K-073 A2 3.35 01/25/2028	07/10/2023 07/13/2023 49,991.58	49,156.18 0.00 (8.42) 49,198.39	139.58 139.58 139.56 139.56	50.63 0.00 50.63 190.19	190.19
3137FG6X8	FHMS K-077 A2 3.85 05/25/2028	05/24/2023 05/30/2023 90,000.00	89,412.77 0.00 0.00 89,441.26	288.75 288.75 288.75 288.75	28.49 0.00 28.49 317.24	317.24
3137FTFY8	FHMS K-109 A2 1.558 04/25/2030	12/16/2025 12/19/2025 50,000.00	46,110.59 0.00 0.00 46,200.64	64.92 64.92 64.92 64.92	90.05 0.00 90.05 154.97	154.97
3137H4BY5	FHMS K-746 A2 2.031 09/25/2028	10/26/2023 10/31/2023 50,000.00	47,007.44 0.00 0.00 47,129.18	84.63 84.63 84.63 84.63	121.74 0.00 121.74 206.37	206.37
341081GN1	FLORIDA POWER & LIGHT CO 4.4 05/15/2028	06/15/2023 06/20/2023 60,000.00	59,726.11 0.00 0.00 59,739.11	557.33 0.00 777.33 220.00	13.00 0.00 13.00 233.00	233.00
34535VAD6	FORDO 2024-D A3 4.61 08/15/2029	11/19/2024 11/22/2024 29,001.31	29,999.38 0.00 (998.69) 29,000.73	61.47 115.25 59.42 113.20	0.04 0.00 0.04 113.24	113.24
43813YAC6	HAROT 2024-3 A3 4.57 03/21/2029	08/09/2024 08/21/2024 19,894.95	21,585.33 0.00 (1,692.33) 19,893.21	27.40 82.21 25.26 80.06	0.21 0.00 0.21 80.27	80.27

INCOME EARNED

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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
44935CAD3	HART 2025-A A3 4.32 10/15/2029	03/04/2025 03/12/2025 30,000.00	29,996.92 0.00 0.00 29,997.00	57.60 108.00 57.60 108.00	0.08 0.00 0.08 108.08	108.08
4581X0EN4	INTER-AMERICAN DEVELOPMENT BANK 4.125 02/15/2029	02/15/2024 02/20/2024 60,000.00	59,728.34 0.00 0.00 59,737.40	1,141.25 1,237.50 110.00 206.25	9.07 0.00 9.07 215.32	215.32
459058KT9	INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 3.5 07/12/2028	08/25/2023 08/29/2023 35,000.00	34,359.62 0.00 0.00 34,387.54	64.65 0.00 166.74 102.08	27.92 0.00 27.92 130.00	130.00
459058LN1	INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 3.875 10/16/2029	10/08/2024 10/16/2024 85,000.00	84,857.61 0.00 0.00 84,861.37	960.50 0.00 1,235.05 274.55	3.77 0.00 3.77 278.32	278.32
45950KDD9	INTERNATIONAL FINANCE CORP 4.5 07/13/2028	07/06/2023 07/13/2023 40,000.00	39,982.70 0.00 0.00 39,983.45	90.00 0.00 240.00 150.00	0.75 0.00 0.75 150.75	150.75
46647PAX4	JPMORGAN CHASE & CO 4.452 12/05/2029	12/09/2024 12/10/2024 70,000.00	69,602.81 0.00 0.00 69,617.18	484.77 0.00 744.47 259.70	14.37 0.00 14.37 274.07	274.07
571748CA8	MARSH & MCLENNAN COMPANIES INC 4.65 03/15/2030	07/21/2025 07/22/2025 60,000.00	60,494.03 0.00 0.00 60,482.20	1,054.00 0.00 1,286.50 232.50	0.00 (11.84) (11.84) 220.66	220.66
57636QBL7	MASTERCARD INCORPORATED 4.6 06/08/2031	06/04/2026 06/08/2026 45,000.00	44,965.06 0.00 0.00 44,965.68	304.75 0.00 477.25 172.50	0.61 0.00 0.61 173.11	173.11
58768YAD7	MBALT 2025-A A3 4.61 04/16/2029	05/14/2025 05/21/2025 25,000.00	24,997.88 0.00 0.00 24,997.95	51.22 96.04 51.22 96.04	0.07 0.00 0.07 96.11	96.11

INCOME EARNED

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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
58933YBH7	MERCK & CO INC 4.05 05/17/2028	05/08/2023 05/17/2023 15,000.00	14,995.64 0.00 0.00 14,995.85	124.88 0.00 175.50 50.63	0.21 0.00 0.21 50.83	50.83
58933YCK9	MERCK & CO INC 4.65 05/22/2031	05/18/2026 05/22/2026 20,000.00	19,988.08 0.00 0.00 19,988.29	178.25 0.00 255.75 77.50	0.21 0.00 0.21 77.71	77.71
61747YFZ3	MORGAN STANLEY 5.192 04/17/2031	05/13/2026 05/14/2026 65,000.00	65,884.44 0.00 0.00 65,864.20	974.94 0.00 1,256.18 281.23	0.00 (20.23) (20.23) 261.00	261.00
63743HFX5	NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP 4.95 02/07/2030	60,000.00	60,140.96 0.00 0.00 60,137.46	1,435.50 1,485.00 198.00 247.50	0.91 (4.41) (3.50) 244.00	244.00
67066GAR5	NVIDIA CORP 4.5 06/15/2031	65,000.00	24,953.65 39,368.80 0.00 64,329.69	134.38 (280.00) 593.13 178.75	7.24 0.00 7.24 185.99	185.99
69371RS80	PACCAR FINANCIAL CORP 4.6 01/31/2029	01/24/2024 01/31/2024 60,000.00	59,951.07 0.00 0.00 59,952.73	7.67 0.00 237.67 230.00	1.66 0.00 1.66 231.66	231.66
74340XCG4	PROLOGIS LP 4.875 06/15/2028	09/27/2023 09/29/2023 60,000.00	59,303.68 0.00 0.00 59,335.24	373.75 0.00 617.50 243.75	31.56 0.00 31.56 275.31	275.31
756109BR4	REALTY INCOME CORP 4.85 03/15/2030	07/14/2025 07/15/2025 60,000.00	60,597.49 0.00 0.00 60,582.82	1,099.33 0.00 1,341.83 242.50	0.00 (14.67) (14.67) 227.83	227.83
828807DZ7	SIMON PROPERTY GROUP LP 4.375 10/01/2030	12/08/2025 12/09/2025 60,000.00	60,226.00 0.00 0.00 60,221.31	875.00 0.00 1,093.75 218.75	0.00 (4.70) (4.70) 214.05	214.05

INCOME EARNED

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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
857477DB6	STATE STREET CORP 4.834 04/24/2030	06/23/2025 06/24/2025 60,000.00	60,669.65 0.00 0.00 60,654.05	781.50 0.00 1,023.20 241.70	0.00 (15.60) (15.60) 226.10	226.10
89231GAD0	TAOT 2025-D A3 3.84 06/17/2030	10/15/2025 10/23/2025 30,000.00	29,997.12 0.00 0.00 29,997.19	51.20 96.00 51.20 96.00	0.06 0.00 0.06 96.06	96.06
89236TPH2	TOYOTA MOTOR CREDIT CORP 4.2 01/10/2031	01/07/2026 01/12/2026 25,000.00	24,993.10 0.00 0.00 24,993.24	61.25 0.00 148.75 87.50	0.13 0.00 0.13 87.63	87.63
89236TQB4	TOYOTA MOTOR CREDIT CORP 4.55 05/14/2031	05/11/2026 05/14/2026 35,000.00	34,932.02 0.00 0.00 34,933.23	340.62 0.00 473.33 132.71	1.21 0.00 1.21 133.91	133.91
89239TAD4	TAOT 2024-D A3 4.4 06/15/2029	10/10/2024 10/17/2024 12,467.45	13,359.65 0.00 (892.67) 12,467.03	26.13 48.99 24.38 47.24	0.04 0.00 0.04 47.29	47.29
9128282A7	UNITED STATES TREASURY 1.5 08/15/2026	09/16/2021 09/17/2021 0.00	75,019.01 0.00 (75,000.00) 0.00	518.99 562.50 0.00 43.51	0.00 (19.01) (19.01) 24.50	24.50
91282CEF4	UNITED STATES TREASURY 2.5 03/31/2027	05/25/2022 05/26/2022 90,000.00	89,870.22 0.00 0.00 89,886.84	756.15 0.00 946.72 190.57	16.62 0.00 16.62 207.20	207.20
91282CET4	UNITED STATES TREASURY 2.625 05/31/2027	06/21/2022 06/22/2022 150,000.00	149,135.92 0.00 0.00 149,224.33	667.01 0.00 1,000.51 333.50	88.40 0.00 88.40 421.91	421.91
91282CEV9	UNITED STATES TREASURY 3.25 06/30/2029	07/29/2024 07/30/2024 75,000.00	73,326.85 0.00 0.00 73,375.60	211.96 0.00 417.29 205.33	48.75 0.00 48.75 254.08	254.08

INCOME EARNED

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
91282CFB2	UNITED STATES TREASURY 2.75 07/31/2027	08/30/2022 08/31/2022 125,000.00	124,376.20 0.00 0.00 124,429.32	9.34 0.00 298.91 289.57	53.13 0.00 53.13 342.70	342.70
91282CFJ5	UNITED STATES TREASURY 3.125 08/31/2029	135,000.00	133,567.91 0.00 0.00 133,607.33	1,765.46 2,109.38 11.65 355.58	39.43 0.00 39.43 395.01	395.01
91282CGC9	UNITED STATES TREASURY 3.875 12/31/2027	01/30/2023 01/31/2023 125,000.00	125,302.37 0.00 0.00 125,284.24	421.20 0.00 829.23 408.03	0.00 (18.13) (18.13) 389.90	389.90
91282CHE4	UNITED STATES TREASURY 3.625 05/31/2028	06/15/2023 06/16/2023 70,000.00	69,646.46 0.00 0.00 69,662.85	429.85 0.00 644.77 214.92	16.38 0.00 16.38 231.31	231.31
91282CHF1	UNITED STATES TREASURY 3.75 05/31/2030	03/10/2026 03/11/2026 55,000.00	55,159.83 0.00 0.00 55,156.29	349.39 0.00 524.08 174.69	0.00 (3.54) (3.54) 171.15	171.15
91282CHQ7	UNITED STATES TREASURY 4.125 07/31/2028	02/10/2025 02/11/2025 60,000.00	59,821.61 0.00 0.00 59,829.19	6.73 0.00 215.22 208.49	7.58 0.00 7.58 216.07	216.07
91282CJQ5	UNITED STATES TREASURY 3.75 12/31/2030	01/29/2026 01/30/2026 65,000.00	64,863.18 0.00 0.00 64,865.81	211.96 0.00 417.29 205.33	2.63 0.00 2.63 207.96	207.96
91282CJW2	UNITED STATES TREASURY 4.0 01/31/2029	02/26/2024 02/27/2024 90,000.00	89,366.27 0.00 0.00 89,387.76	9.78 0.00 313.04 303.26	21.49 0.00 21.49 324.76	324.76
91282CJX0	UNITED STATES TREASURY 4.0 01/31/2031	02/10/2026 02/11/2026 65,000.00	65,807.24 0.00 0.00 65,792.02	7.07 0.00 226.09 219.02	0.00 (15.22) (15.22) 203.80	203.80

INCOME EARNED

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
91282CKD2	UNITED STATES TREASURY 4.25 02/28/2029	04/22/2024 04/23/2024 70,000.00	69,334.25 0.00 0.00 69,356.16	1,244.97 1,487.50 8.22 250.75	21.91 0.00 21.91 272.65	272.65
91282CKG5	UNITED STATES TREASURY 4.125 03/31/2029	75,000.00	74,364.44 0.00 0.00 74,384.69	1,039.70 0.00 1,301.74 262.04	20.25 0.00 20.25 282.29	282.29
91282CKP5	UNITED STATES TREASURY 4.625 04/30/2029	80,000.00	79,973.32 0.00 0.00 79,974.14	935.05 0.00 1,246.74 311.68	1.51 (0.69) 0.82 312.51	312.51
91282CKT7	UNITED STATES TREASURY 4.5 05/31/2029	06/27/2024 06/28/2024 60,000.00	60,305.96 0.00 0.00 60,296.79	457.38 0.00 686.07 228.69	0.00 (9.17) (9.17) 219.52	219.52
91282CKX8	UNITED STATES TREASURY 4.25 06/30/2029	07/08/2024 07/09/2024 55,000.00	55,030.19 0.00 0.00 55,029.31	203.26 0.00 400.17 196.91	0.00 (0.88) (0.88) 196.03	196.03
91282CLC3	UNITED STATES TREASURY 4.0 07/31/2029	07/29/2024 07/31/2024 95,000.00	94,793.04 0.00 0.00 94,798.90	10.33 0.00 330.43 320.11	5.86 0.00 5.86 325.97	325.97
91282CLD1	UNITED STATES TREASURY 4.125 07/31/2031	08/14/2026 08/14/2026 65,000.00	0.00 64,449.02 0.00 64,454.49	0.00 (102.00) 233.15 131.15	5.47 0.00 5.47 136.63	136.63
91282CLN9	UNITED STATES TREASURY 3.5 09/30/2029	01/28/2025 01/29/2025 50,000.00	48,768.46 0.00 0.00 48,801.49	588.11 0.00 736.34 148.22	33.03 0.00 33.03 181.25	181.25
91282CLR0	UNITED STATES TREASURY 4.125 10/31/2029	11/19/2024 11/20/2024 60,000.00	59,807.44 0.00 0.00 59,812.47	625.48 0.00 833.97 208.49	5.03 0.00 5.03 213.52	213.52

INCOME EARNED

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
91282CMA6	UNITED STATES TREASURY 4.125 11/30/2029	12/18/2024 12/19/2024 70,000.00	69,758.76 0.00 0.00 69,764.90	489.14 0.00 733.71 244.57	6.15 0.00 6.15 250.71	250.71
91282CMD0	UNITED STATES TREASURY 4.375 12/31/2029	12/30/2024 12/31/2024 65,000.00	64,980.91 0.00 0.00 64,981.39	247.28 0.00 486.84 239.56	0.47 0.00 0.47 240.03	240.03
91282CMU2	UNITED STATES TREASURY 4.0 03/31/2030	04/15/2025 04/16/2025 75,000.00	75,054.14 0.00 0.00 75,052.89	1,008.20 0.00 1,262.30 254.10	0.00 (1.25) (1.25) 252.84	252.84
91282CMZ1	UNITED STATES TREASURY 3.875 04/30/2030	05/28/2025 05/29/2025 60,000.00	59,598.55 0.00 0.00 59,607.65	587.57 0.00 783.42 195.86	9.10 0.00 9.10 204.95	204.95
91282CNK3	UNITED STATES TREASURY 3.875 06/30/2030	08/25/2025 08/26/2025 55,000.00	55,144.05 0.00 0.00 55,140.92	185.33 0.00 364.86 179.53	0.00 (3.12) (3.12) 176.41	176.41
91282CNN7	UNITED STATES TREASURY 3.875 07/31/2030	08/25/2025 08/26/2025 55,000.00	55,148.13 0.00 0.00 55,144.98	5.79 0.00 185.33 179.53	0.00 (3.15) (3.15) 176.39	176.39
91282CNX5	UNITED STATES TREASURY 3.625 08/31/2030	09/22/2025 09/23/2025 55,000.00	54,875.63 0.00 0.00 54,878.22	834.34 996.88 5.51 168.05	2.59 0.00 2.59 170.63	170.63
91282CPA3	UNITED STATES TREASURY 3.625 09/30/2030	11/13/2025 11/14/2025 55,000.00	54,823.86 0.00 0.00 54,827.45	670.03 0.00 838.90 168.87	3.59 0.00 3.59 172.46	172.46
91282CPD7	UNITED STATES TREASURY 3.625 10/31/2030	10/30/2025 10/31/2025 50,000.00	49,819.06 0.00 0.00 49,822.67	458.05 0.00 610.73 152.68	3.61 0.00 3.61 156.30	156.30

INCOME EARNED

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
91282CPN5	UNITED STATES TREASURY 3.5 11/30/2030	12/08/2025 12/09/2025 65,000.00	64,345.64 0.00 0.00 64,358.46	385.38 0.00 578.07 192.69	12.82 0.00 12.82 205.51	205.51
91282CPR6	UNITED STATES TREASURY 3.625 12/31/2030	03/23/2026 03/24/2026 65,000.00	64,043.68 0.00 0.00 64,062.05	204.89 0.00 403.38 198.49	18.38 0.00 18.38 216.87	216.87
91282CQD6	UNITED STATES TREASURY 3.5 02/28/2031	03/10/2026 03/11/2026 70,000.00	69,410.57 0.00 0.00 69,421.50	1,025.27 1,225.00 6.77 206.50	10.93 0.00 10.93 217.42	217.42
91282CQG9	UNITED STATES TREASURY 3.875 03/31/2031	04/21/2026 04/22/2026 65,000.00	64,901.73 0.00 0.00 64,903.52	846.47 0.00 1,059.80 213.34	1.79 0.00 1.79 215.13	215.13
91324PFG2	UNITEDHEALTH GROUP INC 4.8 01/15/2030	01/28/2025 01/29/2025 60,000.00	59,918.87 0.00 0.00 59,920.86	128.00 0.00 368.00 240.00	1.99 0.00 1.99 241.99	241.99
Total Fixed Income		**4,951,355.28**	**4,997,144.20** **103,817.82** **(168,317.64)** **4,933,415.01**	**40,489.01** **10,322.09** **46,483.79** **16,316.87**	**1,068.46** **(297.84)** **770.63** **17,087.50**	**17,087.50**
TOTAL PORTFOLIO		**5,057,902.37**	**5,029,454.04** **212,221.77** **(202,615.87)** **5,039,962.10**	**40,489.01** **10,369.19** **46,483.79** **16,363.97**	**1,068.46** **(297.84)** **770.63** **17,134.60**	**17,134.60**

CASH FLOW REPORT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
SEPTEMBER 2026							
09/01/2026	Dividend	31846V203	0.00	FIRST AMER:GVT OBLG Y	178.63		178.63
09/08/2026	Coupon	06051GHG7	45,000.00	BANK OF AMERICA CORPORATION 3.97 03/05/2029		893.25	893.25
09/08/2026	Coupon	3130AWTR1	100,000.00	FEDERAL HOME LOAN BANKS 4.375 09/08/2028		2,187.50	2,187.50
09/10/2026	Coupon	3130ATS57	60,000.00	FEDERAL HOME LOAN BANKS 4.5 03/10/2028		1,350.00	1,350.00
09/14/2026	Coupon	023135DD5	65,000.00	AMAZON.COM INC 4.25 03/13/2031		1,381.25	1,381.25
09/15/2026	Coupon	084664CZ2	90,000.00	BERKSHIRE HATHAWAY FINANCE CORP 2.3 03/15/2027		1,035.00	1,035.00
09/15/2026	Coupon	09247XAN1	85,000.00	BLACKROCK FINANCE INC 3.2 03/15/2027		1,360.00	1,360.00
09/15/2026	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		111.41	111.41
09/15/2026	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,178.43		1,178.43
09/15/2026	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		108.00	108.00
09/15/2026	Coupon	571748CA8	60,000.00	MARSH & MCLENNAN COMPANIES INC 4.65 03/15/2030		1,395.00	1,395.00
09/15/2026	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		96.04	96.04
09/15/2026	Coupon	756109BR4	60,000.00	REALTY INCOME CORP 4.85 03/15/2030		1,455.00	1,455.00
09/15/2026	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00
09/15/2026	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		45.71	45.71
09/15/2026	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	805.13		805.13
09/21/2026	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		75.77	75.77
09/21/2026	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	1,432.78		1,432.78
09/22/2026	Coupon	3133EPWK7	130,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 09/22/2028		2,925.00	2,925.00
09/25/2026	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		82.71	82.71
09/25/2026	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		139.56	139.56
09/25/2026	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	88.04		88.04
09/25/2026	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
09/25/2026	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
09/25/2026	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
09/30/2026	Coupon	91282CEF4	90,000.00	UNITED STATES TREASURY 2.5 03/31/2027		1,125.00	1,125.00
09/30/2026	Coupon	91282CKG5	75,000.00	UNITED STATES TREASURY 4.125 03/31/2029		1,546.88	1,546.88

CASH FLOW REPORT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
09/30/2026	Coupon	91282CLN9	50,000.00	UNITED STATES TREASURY 3.5 09/30/2029		875.00	875.00
09/30/2026	Coupon	91282CMU2	75,000.00	UNITED STATES TREASURY 4.0 03/31/2030		1,500.00	1,500.00
09/30/2026	Coupon	91282CPA3	55,000.00	UNITED STATES TREASURY 3.625 09/30/2030		996.88	996.88
09/30/2026	Coupon	91282CQG9	65,000.00	UNITED STATES TREASURY 3.875 03/31/2031		1,259.38	1,259.38
September 2026 Total					**3,683.00**	**22,478.62**	**26,161.62**
OCTOBER 2026							
10/01/2026	Coupon	828807DZ7	60,000.00	SIMON PROPERTY GROUP LP 4.375 10/01/2030		1,312.50	1,312.50
10/15/2026	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		106.89	106.89
10/15/2026	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,633.37		1,633.37
10/15/2026	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		108.00	108.00
10/15/2026	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	53.04		53.04
10/15/2026	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		96.04	96.04
10/15/2026	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00
10/15/2026	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		42.76	42.76
10/15/2026	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	772.64		772.64
10/16/2026	Coupon	459058LN1	85,000.00	INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 3.875 10/16/2029		1,646.88	1,646.88
10/19/2026	Coupon	61747YFZ3	65,000.00	MORGAN STANLEY 5.192 04/17/2031		1,687.40	1,687.40
10/21/2026	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		70.31	70.31
10/21/2026	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	1,381.31		1,381.31
10/26/2026	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		82.71	82.71
10/26/2026	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		139.31	139.31
10/26/2026	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	94.16		94.16
10/26/2026	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
10/26/2026	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
10/26/2026	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
10/26/2026	Coupon	857477DB6	60,000.00	STATE STREET CORP 4.834 04/24/2030		1,450.20	1,450.20
October 2026 Total					**3,934.51**	**7,277.29**	**11,211.80**
NOVEMBER 2026							
11/02/2026	Coupon	91282CKP5	80,000.00	UNITED STATES TREASURY 4.625 04/30/2029		1,850.00	1,850.00
11/02/2026	Coupon	91282CLR0	60,000.00	UNITED STATES TREASURY 4.125 10/31/2029		1,237.50	1,237.50

CASH FLOW REPORT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
11/02/2026	Coupon	91282CMZ1	60,000.00	UNITED STATES TREASURY 3.875 04/30/2030		1,162.50	1,162.50
11/02/2026	Coupon	91282CPD7	50,000.00	UNITED STATES TREASURY 3.625 10/31/2030		906.25	906.25
11/10/2026	Coupon	037833ET3	10,000.00	APPLE INC 4.0 05/10/2028		200.00	200.00
11/13/2026	Coupon	3133EPC45	100,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.625 11/13/2028		2,312.50	2,312.50
11/16/2026	Coupon	14913V2D9	15,000.00	CATERPILLAR FINANCIAL SERVICES CORP 4.5 05/15/2031		337.50	337.50
11/16/2026	Coupon	341081GN1	60,000.00	FLORIDA POWER & LIGHT CO 4.4 05/15/2028		1,320.00	1,320.00
11/16/2026	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		100.61	100.61
11/16/2026	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,599.01		1,599.01
11/16/2026	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		107.81	107.81
11/16/2026	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	1,853.01		1,853.01
11/16/2026	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		96.04	96.04
11/16/2026	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00
11/16/2026	Coupon	89236TQB4	35,000.00	TOYOTA MOTOR CREDIT CORP 4.55 05/14/2031		796.25	796.25
11/16/2026	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		39.93	39.93
11/16/2026	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	754.06		754.06
11/17/2026	Coupon	58933YBH7	15,000.00	MERCK & CO INC 4.05 05/17/2028		303.75	303.75
11/23/2026	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		65.05	65.05
11/23/2026	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	1,348.73		1,348.73
11/23/2026	Coupon	58933YCK9	20,000.00	MERCK & CO INC 4.65 05/22/2031		465.00	465.00
11/25/2026	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		82.71	82.71
11/25/2026	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		139.05	139.05
11/25/2026	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	88.58		88.58
11/25/2026	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
11/25/2026	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
11/25/2026	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
11/30/2026	Coupon	91282CET4	150,000.00	UNITED STATES TREASURY 2.625 05/31/2027		1,968.75	1,968.75
11/30/2026	Coupon	91282CHE4	70,000.00	UNITED STATES TREASURY 3.625 05/31/2028		1,268.75	1,268.75
11/30/2026	Coupon	91282CHF1	55,000.00	UNITED STATES TREASURY 3.75 05/31/2030		1,031.25	1,031.25
11/30/2026	Coupon	91282CKT7	60,000.00	UNITED STATES TREASURY 4.5 05/31/2029		1,350.00	1,350.00
11/30/2026	Coupon	91282CMA6	70,000.00	UNITED STATES TREASURY 4.125 11/30/2029		1,443.75	1,443.75

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Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
11/30/2026	Coupon	91282CPN5	65,000.00	UNITED STATES TREASURY 3.5 11/30/2030		1,137.50	1,137.50
November 2026 Total					**5,643.40**	**20,256.74**	**25,900.14**
DECEMBER 2026							
12/07/2026	Coupon	46647PAX4	70,000.00	JPMORGAN CHASE & CO 4.452 12/05/2029		1,558.20	1,558.20
12/08/2026	Coupon	3130AXQK7	80,000.00	FEDERAL HOME LOAN BANKS 4.75 12/08/2028		1,900.00	1,900.00
12/08/2026	Coupon	3130B1BC0	55,000.00	FEDERAL HOME LOAN BANKS 4.625 06/08/2029		1,271.88	1,271.88
12/08/2026	Coupon	57636QBL7	45,000.00	MASTERCARD INCORPORATED 4.6 06/08/2031		1,035.00	1,035.00
12/15/2026	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		94.47	94.47
12/15/2026	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,501.48		1,501.48
12/15/2026	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		101.14	101.14
12/15/2026	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	1,661.50		1,661.50
12/15/2026	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		96.04	96.04
12/15/2026	Coupon	67066GAR5	65,000.00	NVIDIA CORP 4.5 06/15/2031		1,438.13	1,438.13
12/15/2026	Coupon	74340XCG4	60,000.00	PROLOGIS LP 4.875 06/15/2028		1,462.50	1,462.50
12/15/2026	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00
12/15/2026	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		37.16	37.16
12/15/2026	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	716.26		716.26
12/21/2026	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		59.91	59.91
12/21/2026	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	1,286.63		1,286.63
12/25/2026	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		82.71	82.71
12/25/2026	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		138.80	138.80
12/25/2026	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	94.68		94.68
12/25/2026	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
12/25/2026	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
12/25/2026	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
12/31/2026	Coupon	91282CEV9	75,000.00	UNITED STATES TREASURY 3.25 06/30/2029		1,218.75	1,218.75
12/31/2026	Coupon	91282CGC9	125,000.00	UNITED STATES TREASURY 3.875 12/31/2027		2,421.88	2,421.88
12/31/2026	Coupon	91282CJQ5	65,000.00	UNITED STATES TREASURY 3.75 12/31/2030		1,218.75	1,218.75
12/31/2026	Coupon	91282CKX8	55,000.00	UNITED STATES TREASURY 4.25 06/30/2029		1,168.75	1,168.75
12/31/2026	Coupon	91282CMD0	65,000.00	UNITED STATES TREASURY 4.375 12/31/2029		1,421.88	1,421.88

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
12/31/2026	Coupon	91282CNK3	55,000.00	UNITED STATES TREASURY 3.875 06/30/2030		1,065.63	1,065.63
12/31/2026	Coupon	91282CPR6	65,000.00	UNITED STATES TREASURY 3.625 12/31/2030		1,178.13	1,178.13
December 2026 Total					**5,260.55**	**19,503.98**	**24,764.53**
JANUARY 2027							
01/11/2027	Coupon	89236TPH2	25,000.00	TOYOTA MOTOR CREDIT CORP 4.2 01/10/2031		525.00	525.00
01/12/2027	Coupon	459058KT9	35,000.00	INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 3.5 07/12/2028		612.50	612.50
01/13/2027	Coupon	45950KDD9	40,000.00	INTERNATIONAL FINANCE CORP 4.5 07/13/2028		900.00	900.00
01/15/2027	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		88.70	88.70
01/15/2027	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,474.36		1,474.36
01/15/2027	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		95.16	95.16
01/15/2027	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	1,625.50		1,625.50
01/15/2027	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		96.04	96.04
01/15/2027	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00
01/15/2027	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		34.54	34.54
01/15/2027	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	702.65		702.65
01/15/2027	Coupon	91324PFG2	60,000.00	UNITEDHEALTH GROUP INC 4.8 01/15/2030		1,440.00	1,440.00
01/21/2027	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		55.01	55.01
01/21/2027	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	1,260.57		1,260.57
01/25/2027	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		82.71	82.71
01/25/2027	Principal Paydown	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028	3,168.56		3,168.56
01/25/2027	Coupon	06051GHV4	25,000.00	BANK OF AMERICA CORPORATION 3.194 07/23/2030		399.25	399.25
01/25/2027	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		138.54	138.54
01/25/2027	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	89.13		89.13
01/25/2027	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
01/25/2027	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
01/25/2027	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
January 2027 Total					**8,320.76**	**5,001.74**	**13,322.50**
FEBRUARY 2027							

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
02/01/2027	Coupon	025816DY2	60,000.00	AMERICAN EXPRESS COMPANY 5.085 01/30/2031		1,525.50	1,525.50
02/01/2027	Coupon	69371RS80	60,000.00	PACCAR FINANCIAL CORP 4.6 01/31/2029		1,380.00	1,380.00
02/01/2027	Coupon	91282CFB2	125,000.00	UNITED STATES TREASURY 2.75 07/31/2027		1,718.75	1,718.75
02/01/2027	Coupon	91282CHQ7	60,000.00	UNITED STATES TREASURY 4.125 07/31/2028		1,237.50	1,237.50
02/01/2027	Coupon	91282CJW2	90,000.00	UNITED STATES TREASURY 4.0 01/31/2029		1,800.00	1,800.00
02/01/2027	Coupon	91282CJX0	65,000.00	UNITED STATES TREASURY 4.0 01/31/2031		1,300.00	1,300.00
02/01/2027	Coupon	91282CLC3	95,000.00	UNITED STATES TREASURY 4.0 07/31/2029		1,900.00	1,900.00
02/01/2027	Coupon	91282CLD1	65,000.00	UNITED STATES TREASURY 4.125 07/31/2031		1,340.63	1,340.63
02/01/2027	Coupon	91282CNN7	55,000.00	UNITED STATES TREASURY 3.875 07/31/2030		1,065.63	1,065.63
02/08/2027	Coupon	63743HFX5	60,000.00	NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP 4.95 02/07/2030		1,485.00	1,485.00
02/15/2027	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		83.04	83.04
02/15/2027	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,458.79		1,458.79
02/15/2027	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		89.31	89.31
02/15/2027	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	1,608.95		1,608.95
02/15/2027	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		96.04	96.04
02/15/2027	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00
02/15/2027	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		31.96	31.96
02/15/2027	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	650.60		650.60
02/16/2027	Coupon	4581X0EN4	60,000.00	INTER-AMERICAN DEVELOPMENT BANK 4.125 02/15/2029		1,237.50	1,237.50
02/22/2027	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		50.21	50.21
02/22/2027	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	1,240.79		1,240.79
02/25/2027	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		72.23	72.23
02/25/2027	Principal Paydown	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028	2,353.48		2,353.48
02/25/2027	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		138.29	138.29
02/25/2027	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	89.39		89.39
02/25/2027	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
02/25/2027	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
02/25/2027	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
February 2027 Total					**7,401.99**	**17,085.87**	**24,487.86**
MARCH 2027							
03/01/2027	Coupon	91282CFJ5	135,000.00	UNITED STATES TREASURY 3.125 08/31/2029		2,109.38	2,109.38
03/01/2027	Coupon	91282CKD2	70,000.00	UNITED STATES TREASURY 4.25 02/28/2029		1,487.50	1,487.50
03/01/2027	Coupon	91282CNX5	55,000.00	UNITED STATES TREASURY 3.625 08/31/2030		996.88	996.88
03/01/2027	Coupon	91282CQD6	70,000.00	UNITED STATES TREASURY 3.5 02/28/2031		1,225.00	1,225.00
03/05/2027	Coupon	06051GHG7	45,000.00	BANK OF AMERICA CORPORATION 3.97 03/05/2029		893.25	893.25
03/08/2027	Coupon	3130AWTR1	100,000.00	FEDERAL HOME LOAN BANKS 4.375 09/08/2028		2,187.50	2,187.50
03/10/2027	Coupon	3130ATS57	60,000.00	FEDERAL HOME LOAN BANKS 4.5 03/10/2028		1,350.00	1,350.00
03/15/2027	Coupon	023135DD5	65,000.00	AMAZON.COM INC 4.25 03/13/2031		1,381.25	1,381.25
03/15/2027	Coupon	084664CZ2	90,000.00	BERKSHIRE HATHAWAY FINANCE CORP 2.3 03/15/2027		1,035.00	1,035.00
03/15/2027	Final Maturity	084664CZ2	90,000.00	BERKSHIRE HATHAWAY FINANCE CORP 2.3 03/15/2027	90,000.00		90,000.00
03/15/2027	Coupon	09247XAN1	85,000.00	BLACKROCK FINANCE INC 3.2 03/15/2027		1,360.00	1,360.00
03/15/2027	Final Maturity	09247XAN1	85,000.00	BLACKROCK FINANCE INC 3.2 03/15/2027	85,000.00		85,000.00
03/15/2027	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		77.43	77.43
03/15/2027	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,414.05		1,414.05
03/15/2027	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		83.51	83.51
03/15/2027	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	1,560.89		1,560.89
03/15/2027	Coupon	571748CA8	60,000.00	MARSH & MCLENNAN COMPANIES INC 4.65 03/15/2030		1,395.00	1,395.00
03/15/2027	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		96.04	96.04
03/15/2027	Coupon	756109BR4	60,000.00	REALTY INCOME CORP 4.85 03/15/2030		1,455.00	1,455.00
03/15/2027	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00
03/15/2027	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		29.58	29.58
03/15/2027	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	629.74		629.74
03/22/2027	Coupon	3133EPWK7	130,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 09/22/2028		2,925.00	2,925.00
03/22/2027	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		45.49	45.49

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
03/22/2027	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	1,205.57		1,205.57
03/25/2027	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		64.44	64.44
03/25/2027	Principal Paydown	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028	2,392.97		2,392.97
03/25/2027	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		138.04	138.04
03/25/2027	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	107.03		107.03
03/25/2027	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
03/25/2027	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
03/25/2027	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
03/31/2027	Coupon	91282CEF4	90,000.00	UNITED STATES TREASURY 2.5 03/31/2027		1,125.00	1,125.00
03/31/2027	Final Maturity	91282CEF4	90,000.00	UNITED STATES TREASURY 2.5 03/31/2027	90,000.00		90,000.00
03/31/2027	Coupon	91282CKG5	75,000.00	UNITED STATES TREASURY 4.125 03/31/2029		1,546.88	1,546.88
03/31/2027	Coupon	91282CLN9	50,000.00	UNITED STATES TREASURY 3.5 09/30/2029		875.00	875.00
03/31/2027	Coupon	91282CMU2	75,000.00	UNITED STATES TREASURY 4.0 03/31/2030		1,500.00	1,500.00
03/31/2027	Coupon	91282CPA3	55,000.00	UNITED STATES TREASURY 3.625 09/30/2030		996.88	996.88
03/31/2027	Coupon	91282CQG9	65,000.00	UNITED STATES TREASURY 3.875 03/31/2031		1,259.38	1,259.38
March 2027 Total					**272,310.26**	**28,172.70**	**300,482.96**
APRIL 2027							
04/01/2027	Coupon	828807DZ7	60,000.00	SIMON PROPERTY GROUP LP 4.375 10/01/2030		1,312.50	1,312.50
04/15/2027	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		72.00	72.00
04/15/2027	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,477.16		1,477.16
04/15/2027	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		77.89	77.89
04/15/2027	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	1,629.15		1,629.15
04/15/2027	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		96.04	96.04
04/15/2027	Principal Paydown	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029	1,722.96		1,722.96
04/15/2027	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00
04/15/2027	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		27.27	27.27
04/15/2027	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	651.06		651.06
04/16/2027	Coupon	459058LN1	85,000.00	INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 3.875 10/16/2029		1,646.88	1,646.88
04/19/2027	Coupon	61747YFZ3	65,000.00	MORGAN STANLEY 5.192 04/17/2031		1,687.40	1,687.40
04/21/2027	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		40.90	40.90
04/21/2027	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	975.90		975.90

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
04/26/2027	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		56.52	56.52
04/26/2027	Principal Paydown	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028	2,528.21		2,528.21
04/26/2027	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		137.74	137.74
04/26/2027	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	89.98		89.98
04/26/2027	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
04/26/2027	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
04/26/2027	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
04/26/2027	Coupon	857477DB6	60,000.00	STATE STREET CORP 4.834 04/24/2030		1,450.20	1,450.20
04/30/2027	Coupon	91282CKP5	80,000.00	UNITED STATES TREASURY 4.625 04/30/2029		1,850.00	1,850.00
04/30/2027	Coupon	91282CLR0	60,000.00	UNITED STATES TREASURY 4.125 10/31/2029		1,237.50	1,237.50
04/30/2027	Coupon	91282CMZ1	60,000.00	UNITED STATES TREASURY 3.875 04/30/2030		1,162.50	1,162.50
04/30/2027	Coupon	91282CPD7	50,000.00	UNITED STATES TREASURY 3.625 10/31/2030		906.25	906.25
April 2027 Total					**9,074.42**	**12,295.88**	**21,370.30**
MAY 2027							
05/10/2027	Coupon	037833ET3	10,000.00	APPLE INC 4.0 05/10/2028		200.00	200.00
05/13/2027	Coupon	3133EPC45	100,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.625 11/13/2028		2,312.50	2,312.50
05/14/2027	Coupon	89236TQB4	35,000.00	TOYOTA MOTOR CREDIT CORP 4.55 05/14/2031		796.25	796.25
05/17/2027	Coupon	14913V2D9	15,000.00	CATERPILLAR FINANCIAL SERVICES CORP 4.5 05/15/2031		337.50	337.50
05/17/2027	Coupon	341081GN1	60,000.00	FLORIDA POWER & LIGHT CO 4.4 05/15/2028		1,320.00	1,320.00
05/17/2027	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		66.33	66.33
05/17/2027	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,412.43		1,412.43
05/17/2027	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		72.03	72.03
05/17/2027	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	1,564.39		1,564.39
05/17/2027	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		89.42	89.42
05/17/2027	Principal Paydown	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029	1,793.24		1,793.24
05/17/2027	Coupon	58933YBH7	15,000.00	MERCK & CO INC 4.05 05/17/2028		303.75	303.75
05/17/2027	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00
05/17/2027	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		24.88	24.88
05/17/2027	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	617.06		617.06
05/21/2027	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		37.18	37.18

CASH FLOW REPORT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
05/21/2027	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	938.93		938.93
05/24/2027	Coupon	58933YCK9	20,000.00	MERCK & CO INC 4.65 05/22/2031		465.00	465.00
05/25/2027	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		48.16	48.16
05/25/2027	Principal Paydown	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028	2,382.40		2,382.40
05/25/2027	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		137.49	137.49
05/25/2027	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	96.01		96.01
05/25/2027	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
05/25/2027	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
05/25/2027	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
May 2027 Total					**8,804.46**	**6,744.78**	**15,549.24**
JUNE 2027							
06/01/2027	Coupon	91282CET4	150,000.00	UNITED STATES TREASURY 2.625 05/31/2027		1,968.75	1,968.75
06/01/2027	Final Maturity	91282CET4	150,000.00	UNITED STATES TREASURY 2.625 05/31/2027	150,000.00		150,000.00
06/01/2027	Coupon	91282CHE4	70,000.00	UNITED STATES TREASURY 3.625 05/31/2028		1,268.75	1,268.75
06/01/2027	Coupon	91282CHF1	55,000.00	UNITED STATES TREASURY 3.75 05/31/2030		1,031.25	1,031.25
06/01/2027	Coupon	91282CKT7	60,000.00	UNITED STATES TREASURY 4.5 05/31/2029		1,350.00	1,350.00
06/01/2027	Coupon	91282CMA6	70,000.00	UNITED STATES TREASURY 4.125 11/30/2029		1,443.75	1,443.75
06/01/2027	Coupon	91282CPN5	65,000.00	UNITED STATES TREASURY 3.5 11/30/2030		1,137.50	1,137.50
06/07/2027	Coupon	46647PAX4	70,000.00	JPMORGAN CHASE & CO 4.452 12/05/2029		1,558.20	1,558.20
06/08/2027	Coupon	3130AXQK7	80,000.00	FEDERAL HOME LOAN BANKS 4.75 12/08/2028		1,900.00	1,900.00
06/08/2027	Coupon	3130B1BC0	55,000.00	FEDERAL HOME LOAN BANKS 4.625 06/08/2029		1,271.88	1,271.88
06/08/2027	Coupon	57636QBL7	45,000.00	MASTERCARD INCORPORATED 4.6 06/08/2031		1,035.00	1,035.00
06/15/2027	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		60.90	60.90
06/15/2027	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,369.25		1,369.25
06/15/2027	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		66.40	66.40
06/15/2027	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	1,540.07		1,540.07
06/15/2027	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		82.53	82.53
06/15/2027	Principal Paydown	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029	1,962.06		1,962.06
06/15/2027	Coupon	67066GAR5	65,000.00	NVIDIA CORP 4.5 06/15/2031		1,462.50	1,462.50
06/15/2027	Coupon	74340XCG4	60,000.00	PROLOGIS LP 4.875 06/15/2028		1,462.50	1,462.50
06/15/2027	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		96.00	96.00

CASH FLOW REPORT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
06/15/2027	Principal Paydown	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030	408.71		408.71
06/15/2027	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		22.62	22.62
06/15/2027	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	558.02		558.02
06/21/2027	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		33.60	33.60
06/21/2027	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	921.34		921.34
06/25/2027	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		40.28	40.28
06/25/2027	Principal Paydown	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028	2,453.10		2,453.10
06/25/2027	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		137.22	137.22
06/25/2027	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	90.54		90.54
06/25/2027	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
06/25/2027	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
06/25/2027	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
06/30/2027	Coupon	91282CEV9	75,000.00	UNITED STATES TREASURY 3.25 06/30/2029		1,218.75	1,218.75
06/30/2027	Coupon	91282CGC9	125,000.00	UNITED STATES TREASURY 3.875 12/31/2027		2,421.88	2,421.88
06/30/2027	Coupon	91282CJQ5	65,000.00	UNITED STATES TREASURY 3.75 12/31/2030		1,218.75	1,218.75
06/30/2027	Coupon	91282CKX8	55,000.00	UNITED STATES TREASURY 4.25 06/30/2029		1,168.75	1,168.75
06/30/2027	Coupon	91282CMD0	65,000.00	UNITED STATES TREASURY 4.375 12/31/2029		1,421.88	1,421.88
06/30/2027	Coupon	91282CNK3	55,000.00	UNITED STATES TREASURY 3.875 06/30/2030		1,065.63	1,065.63
06/30/2027	Coupon	91282CPR6	65,000.00	UNITED STATES TREASURY 3.625 12/31/2030		1,178.13	1,178.13
June 2027 Total					**159,303.09**	**27,561.67**	**186,864.75**
JULY 2027							
07/12/2027	Coupon	459058KT9	35,000.00	INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 3.5 07/12/2028		612.50	612.50
07/12/2027	Coupon	89236TPH2	25,000.00	TOYOTA MOTOR CREDIT CORP 4.2 01/10/2031		525.00	525.00
07/13/2027	Coupon	45950KDD9	40,000.00	INTERNATIONAL FINANCE CORP 4.5 07/13/2028		900.00	900.00
07/15/2027	Coupon	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029		55.64	55.64
07/15/2027	Principal Paydown	34535VAD6	29,001.31	FORDO 2024-D A3 4.61 08/15/2029	1,340.67		1,340.67
07/15/2027	Coupon	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029		60.85	60.85
07/15/2027	Principal Paydown	44935CAD3	30,000.00	HART 2025-A A3 4.32 10/15/2029	1,508.52		1,508.52
07/15/2027	Coupon	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029		75.00	75.00
07/15/2027	Principal Paydown	58768YAD7	25,000.00	MBALT 2025-A A3 4.61 04/16/2029	2,102.81		2,102.81

CASH FLOW REPORT

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
07/15/2027	Coupon	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030		94.69	94.69
07/15/2027	Principal Paydown	89231GAD0	30,000.00	TAOT 2025-D A3 3.84 06/17/2030	1,651.35		1,651.35
07/15/2027	Coupon	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029		20.57	20.57
07/15/2027	Principal Paydown	89239TAD4	12,467.45	TAOT 2024-D A3 4.4 06/15/2029	546.79		546.79
07/15/2027	Coupon	91324PFG2	60,000.00	UNITEDHEALTH GROUP INC 4.8 01/15/2030		1,440.00	1,440.00
07/21/2027	Coupon	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029		30.10	30.10
07/21/2027	Principal Paydown	43813YAC6	19,894.95	HAROT 2024-3 A3 4.57 03/21/2029	900.34		900.34
07/23/2027	Coupon	06051GHV4	25,000.00	BANK OF AMERICA CORPORATION 3.194 07/23/2030		399.25	399.25
07/26/2027	Coupon	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028		32.16	32.16
07/26/2027	Principal Paydown	05594HAD5	25,000.00	BMWLT 2025-2 A3 3.97 09/25/2028	2,150.16		2,150.16
07/26/2027	Coupon	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028		136.97	136.97
07/26/2027	Principal Paydown	3137FETN0	49,991.58	FHMS K-073 A2 3.35 01/25/2028	96.21		96.21
07/26/2027	Coupon	3137FG6X8	90,000.00	FHMS K-077 A2 3.85 05/25/2028		288.75	288.75
07/26/2027	Coupon	3137FTFY8	50,000.00	FHMS K-109 A2 1.558 04/25/2030		64.92	64.92
07/26/2027	Coupon	3137H4BY5	50,000.00	FHMS K-746 A2 2.031 09/25/2028		84.63	84.63
07/30/2027	Coupon	025816DY2	60,000.00	AMERICAN EXPRESS COMPANY 5.085 01/30/2031		1,525.50	1,525.50
July 2027 Total					**10,296.85**	**6,346.52**	**16,643.37**
Grand Total			**14,814,816.22**		**494,033.30**	**172,725.78**	**666,759.08**

IMPORTANT DISCLOSURES

Chandler Asset Management, Inc. ("Chandler") is an SEC registered investment adviser. For additional information about our firm, please see our current disclosures (Form ADV). To obtain a copy of our current disclosures, you may contact your client service representative by calling the number on the front of this statement or you may visit our website at www.chandlerasset.com.

Information contained in this monthly statement is confidential and is provided for informational purposes only and should not be construed as specific investment or legal advice. The information contained herein was obtained from sources believed to be reliable as of the date of this statement, but may become outdated or superseded at any time without notice.

Custody: Your qualified custodian bank maintains control of all assets reflected in this statement and we urge you to compare this statement to the one you receive from your qualified custodian. Chandler does not have any authority to withdraw or deposit funds from/to the custodian account.

Valuation: Prices are provided by IDC, an independent pricing source. In the event IDC does not provide a price or if the price provided is not reflective of fair market value, Chandler will obtain pricing from an alternative approved third party pricing source in accordance with our written valuation policy and procedures. Our valuation procedures are also disclosed in Item 5 of our Form ADV Part 2A.

Performance: Performance results are presented gross-of-advisory fees and represent the client's Total Return. The deduction of advisory fees lowers performance results. These results include the reinvestment of dividends and other earnings. Past performance may not be indicative of future results. Therefore, clients should not assume that future performance of any specific investment or investment strategy will be profitable or equal to past performance levels. All investment strategies have the potential for profit or loss. Economic factors, market conditions or changes in investment strategies, contributions or withdrawals may materially alter the performance and results of your portfolio.

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Index returns assume reinvestment of all distributions. Historical performance results for investment indexes generally do not reflect the deduction of transaction and/or custodial charges or the deduction of an investment management fee, the incurrence of which would have the effect of decreasing historical performance results. It is not possible to invest directly in an index.

Ratings: Ratings information have been provided by Moody's, S&P and Fitch through data feeds we believe to be reliable as of the date of this statement, however we cannot guarantee its accuracy.

Security level ratings for U.S. Agency issued mortgage-backed securities ("MBS") reflect the issuer rating because the securities themselves are not rated. The issuing U.S. Agency guarantees the full and timely payment of both principal and interest.

LGIP Yields: Reported yields for local government investment pools may be presented as either the 30-day yield or the monthly distribution yield, as applicable. For certain funds, the 30-day yield is calculated using reported daily yield data. Yield calculations are subject to change and may not be directly comparable across funds.

LAIF Yields: Additional Disclosure for CA Clients - As a result of a reporting lag from the Local Agency Investment Fund (LAIF), reported LAIF yields represent the most recently available Daily Effective Yield and may reflect data from approximately 7–10 days prior to month-end.

BENCHMARK INDEX & DISCLOSURES

Three Valleys Municipal Water District | Account #10065 | As of August 31, 2026

Benchmark	Disclosure
ICE BofA 1-5 Yr US Treasury & Agency Index	The ICE BofA 1-5 Year US Treasury & Agency Index tracks the performance of US dollar denominated US Treasury and nonsubordinated US agency debt issued in the US domestic market. Qualifying securities must have an investment grade rating (based on an average of Moody's, S&P and Fitch). Qualifying securities must have at least one year remaining term to final maturity and less than five years remaining term to final maturity, at least 18 months to maturity at time of issuance, a fixed coupon schedule, and a minimum amount outstanding of $1 billion for sovereigns and $250 million for agencies.

THREE VALLEYS MUNICIPAL WATER DISTRICT

BOARD ACTION

BOARD OF DIRECTORS
STAFF REPORT

To: TVMWD Board of Directors

From: Matthew H. Litchfield, General Manager

Date: September 16, 2026

Subject: YTD District Budget Status Report

Staff Recommendation
No Action Necessary – Informational Item Only

Discussion
Attached for review is the YTD District Budget Status Report for the period ending August 31, 2026. *Water Sales and Water Purchases* activity was above expectations in August, primarily due to weather-related increases in water demand. *Salaries and Benefits* exceeded expectations due to the timing of payroll expenses.

Fiscal Impact
None

Environmental Impact
None

Strategic Plan Objective(s)
2.1 – Financial Stability

Attachment(s)
Exhibit A – YTD District Budget Status Report

Meeting History
None

THREE VALLEYS MUNICIPAL WATER DISTRICT Item 8.C - Exhibit A
DISTRICT BUDGET - FISCAL YEAR 2025-2026
Month Ending August 31, 2026

	2026-2027 YTD Actuals	Annual Budget All Funds	2026-2027 Percent of Budget	2026-2027 Balance Remaining
REVENUES				
OPERATING REVENUES				
Water Sales	18,236,748	77,924,471	23.4%	59,687,723
MWD RTS Standby Charge	12,000	8,563,905	0.1%	8,551,905
Treatment Use Standby Capacity Charge	-	169,884	0.0%	169,884
Treatment Remaining Standby Capacity Charge	-	815,440	0.0%	815,440
Treatment Peaking Capacity Charge	-	525,720	0.0%	525,720
MWD Capacity Charge Assessment	266,800	1,766,400	15.1%	1,499,600
TVMWD Fixed Charges	219,782	1,264,667	17.4%	1,044,885
Hydroelectric Revenue	41,025	250,000	16.4%	208,975
NON-OPERATING REVENUES				
Property Taxes	50,351	3,356,483	1.5%	3,306,132
Interest Income	25,435	375,000	6.8%	349,565
Pumpback O&M Reimbursement	-	10,000	0.0%	10,000
Grants and Other Revenue	530	-		(530)
TOTAL REVENUES	18,852,671	95,021,969	19.8%	76,169,298
EXPENSES				
OPERATING EXPENSES				
Water Purchases	14,912,368	64,526,256	23.1%	49,613,888
RTS Charge	-	8,563,905	0.0%	8,563,905
Treatment Used Standby Capacity Charge	-	169,884	0.0%	169,884
Treatment Remaining Standby Capacity Charge	-	815,440	0.0%	815,440
Treatment Peaking Capacity Charge	-	525,720	0.0%	525,720
Capacity Charge	-	1,766,400	0.0%	1,766,400
Salaries & Benefits	1,628,102	7,716,314	21.1%	6,088,212
Professional & Contracted Services	156,012	1,832,898	8.5%	1,676,886
Utilities	73,506	368,050	20.0%	294,544
Insurance	-	289,000	0.0%	289,000
Repairs & Maintenance	197,270	412,976	47.8%	215,706
Supplies & Materials	1,318	1,352,240	0.1%	1,350,922
Equipment &Technology	253,969	249,500	101.8%	(4,469)
Regulatory & Intergovernmental	26,310	82,054	32.1%	55,744
Board Elections	-	284,000	0.0%	284,000
Professional Development	23,255	207,148	11.2%	183,893
Contributions & Sponsorships	-	35,000	0.0%	35,000
CAPITAL INVESTMENT	-			
Capital Repair & Replacement	40,669	1,635,000	2.5%	1,594,331
Capital Investment Program	67,808	2,480,000	2.7%	2,412,192
TOTAL EXPENSES	17,380,588	93,311,783	18.6%	6,127,318

THREE VALLEYS MUNICIPAL WATER DISTRICT

BOARD ACTION

BOARD OF DIRECTORS
STAFF REPORT

To:	TVMWD Board of Directors
From:	Matthew H. Litchfield, General Manager
Date:	September 16, 2026
Subject:	Warrant List

Staff Recommendation
Receive and file the Warrant List for the period ending August 31, 2026, as presented.

Discussion
The monthly warrant list is provided for your information:

- General checks 56416 through 56509 totaling $570,631.23 are listed on pages 1 to 4.
- MWD June 2026 water invoice totaling $6,083,681.39 is also listed on page 4.
- Payments for taxing agencies, benefit payments and PERS totaling $254,455.92 are listed on pages 5 to 8.
- Total payroll checks of $244,095.32 are listed on page 8.
- July 2026 UMPQUA Credit Card expenses totaling $24,105.11 are listed on page 9.

Fiscal Impact
$7,176,968.97

Environmental Impact
None

Strategic Plan Objective(s)
2.1 – Financial Stability

Attachment(s)
Exhibit A – Warrant List

Meeting History
None

THREE VALLEYS MUNICIPAL WATER DISTRICT
August 2026
General Checks 56416 through 56509
Payroll Wire Transfer August
08/07/2026, 08/21/2026, 08/31/2026 (D)

Check Number	Vendor	Description	Paid Amount
56416	ACWA/JPIA	WORKER'S COMPENSATION 04/01/26-06/30/26	32,105.71
56417	AIRGAS SPECIALTY PRODUCTS	AMMONIA REFRIGERANT BULK	4,581.30
56417	AIRGAS SPECIALTY PRODUCTS	AMMONIUM HYDROXIDE SOLUTION 19%	1,033.81
56418	APPLIED TECHNOLOGY GROUP, INC	RADIO FEE	30.00
56419	BLUEALLY TECHNOLOGY SOLUTIONS	Immutable Backup Storage and Software	141,577.50
56420	CHARTER COMMUNICATNS HOLDINGS, LLC	675 E MIRAMAR AVE	150.00
56421	CITY OF LA VERNE	Encroachment Permit Application Fee	245.00
56422	FRONTIER	HQ INTERNET	1,199.77
56423	GEI CONSULTANTS, INC.	2025 Regional Urban Water Management Plan	12,410.20
56424	HIGHROAD INFORMATION TECH, LLC	MANAGED IT SERVICES	2,790.00
56424	HIGHROAD INFORMATION TECH, LLC	IT RENEWALS	2,452.00
56425	LIGHTING INSTYLE	PLANT LIGHTING	182.96
56426	MERCER, DUSTIN	JANITORIAL SERVICE	1,375.00
56427	PACIFIC STAR CHEMICAL, LLC	SODIUM HYDROXIDE	7,994.41
56428	PEST OPTIONS INC.	PEST CONTROL JULY	197.95
56429	SIX BASINS WATERMASTER	2026 Six Basins Watermaster Assessment	11,502.00
56430	SOUTH COAST A.Q.M.D.	I C E (50-500 HP) EM ELEC GEN-DIESEL	583.73
56430	SOUTH COAST A.Q.M.D.	FLAT FEE FOR LAST FISCAL YEAR EMISSIONS	176.41
56431	SOUTHERN CALIFORNIA EDISON	1059 BASELINE	29.51
56431	SOUTHERN CALIFORNIA EDISON	PUMPBACK	4,813.43
56432	UNDERGROUND SERVICE ALERT	TICKET CHARGES	68.05
56433	VERIZON WIRELESS	CELLULAR & IPAD SERVICE	1,380.99
56433	VERIZON WIRELESS	CELLULAR & IPAD SERVICE	40.04
56433	VERIZON WIRELESS	CELLULAR & IPAD SERVICE	100.07
56433	VERIZON WIRELESS	CELLULAR & IPAD SERVICE	188.79
56434	AT&T MOBILITY LLC	FIRST NET MOBILE/MIFI	1,168.82
56435	BASIC	MONTHLY CDA FEES	149.91
56436	CALLTOWER INC.	TELEPHONE LICENSES/SERVICES	722.05
56437	CDW GOVERNMENT LLC	VISIO LICENSE	110.79
56438	FOOTHILL MUNICIPAL WATER DIST.	ACEQUIA CONSULTING	2,500.00
56439	GRAINGER	TRAVELING BRIDGE PUMP	827.61
56439	GRAINGER	MAINTENANCE FILE SET,AMERICAN,9 PIECES	189.29
56440	HACH COMPANY	LAB SUPPLIES	233.51

THREE VALLEYS MUNICIPAL WATER DISTRICT

THREE VALLEYS MUNICIPAL WATER DISTRICT
August 2026
General Checks 56416 through 56509
Payroll Wire Transfer August
08/07/2026, 08/21/2026, 08/31/2026 (D)

Check Number	Vendor	Description	Paid Amount
56440	HACH COMPANY	LAB SUPPLIES	2,642.72
56441	HARRINGTON IND PLASTICS, LLC	BRIDGE PUMP	317.64
56442	IDEXX DISTRIBUTION CORP	LABORATORY SUPPLIES	154.18
56443	KEMIRA WATER SOLUTIONS, INC.	PAX-XL 1900	26,537.55
56444	KONECRANES, INC.	JULY 2026 INSPECTION	626.25
56445	LIEBERT CASSIDY WHITMORE	West Inland Empire Consortium Membership	4,270.00
56446	MC MASTER-CARR SUPPLY COMPANY	SUPPLIES	520.47
56446	MC MASTER-CARR SUPPLY COMPANY	SUPPLIES	87.82
56447	PRIME SYSTEMS IND AUTOMATION	PLC & RADIO UPGRADES	15,000.00
56448	PUMP CHECK INC.	Pump Efficiency Testing	2,340.00
56449	RINCON CONSULTANTS INC	Grant Tracking Assistance	2,678.00
56450	WEX BANK	FUEL	2,085.98
56451	THE TACO MAN CATERING	KIRK RETIREMENT LUNCHEON	341.48
8142699	JCI JONES CHEMICALS, INC.	CHLORINE	16,987.88
56452	AIRGAS SPECIALTY PRODUCTS	AMMONIA REFRIGERANT BULK	4,524.29
56453	BRUNICK, MCELHANEY & KENNEDY	LEGAL SERVICES	15,750.00
56454	CAMMACK, MARK	RETIREE HEALTH REIMBURSEMENT	202.90
56455	CANON FINANCIAL SERVICES,INC.	COPY MACHINE LEASE	2,954.24
56456	CHARTER COMMUNICATNS HOLDINGS, LLC	BROADBAND SERVICES WILLIAMS/PLANT 2/ FULTON	409.99
56457	CLAREMONT CHAMBER OF COMMERCE	Yearly Membership Renewal	475.00
56458	CLINICAL LABORATORY OF SB, INC	OUTSIDE LABORATORY TESTING	11,015.00
56458	CLINICAL LABORATORY OF SB, INC	OUTSIDE LABORATORY TESTING	2,535.00
56459	CLS LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE	3,276.00
56460	COLE, JONATHAN J.	RETIREE HEALTH REIMBURSEMENT	42.55
56461	CONTRERAS, MARIA	RETIREE HEALTH REIMBURSEMENT	300.00
56462	COUNTY OF LOS ANGELES, DEPT OF AUDITOR-C	LAFCO CHARGES FY 2026-2027	25,549.88
56463	DECHAINE, CYNTHIA	RETIREE HEALTH REIMBURSEMENT	459.62
56464	FAULK, GEORGE	RETIREE HEALTH REIMBURSEMENT	355.00
56465	GALLADE CHEMICAL, INC	CALCIUM HYPOCHLORITE	4,000.39
56466	GRAINGER	Admittance sign,10 inx14 in,aluminum	275.91
56467	HACH COMPANY	OUTPUT MODULE	881.24
56468	HANSEN, RICHARD W.	RETIREE HEALTH REIMBURSEMENT	600.00
56469	HARRIS & ASSOCIATES, INC.	STANDBY CHARGE ASSESMENT	4,560.00
56470	KRIEZEL, BETTY	RETIREE HEALTH REIMBURSEMENT	202.90
56471	LAREZ, MARY PAT	RETIREE HEALTH REIMBURSEMENT	142.55
56472	MF CYBER, LLC	NIST GAP ANALYSIS	30,145.00
56473	MICHAEL BAKER INTERNATIONAL, INC.	LAFCO BOUNDARY RECONCILIATION	13,500.00

THREE VALLEYS MUNICIPAL WATER DISTRICT
August 2026
General Checks 56416 through 56509
Payroll Wire Transfer August
08/07/2026, 08/21/2026, 08/31/2026 (D)

Check Number	Vendor	Description	Paid Amount
56474	MICHAEL J ARNOLD & ASSOC, INC.	COMPUTER/IT SUPPORT PLAN	84.00
56474	MICHAEL J ARNOLD & ASSOC, INC.	LOBBYIST RETAINER	6,000.00
56475	PACIFIC STAR CHEMICAL, LLC	SODIUM HYDROXIDE	11,532.54
56475	PACIFIC STAR CHEMICAL, LLC	SODIUM HYDROXIDE 50% MEMBRANE	11,559.27
56476	PALM, JAMES	RETIREE HEALTH REIMBURSEMENT	142.55
56477	PANZER, KEVIN	EXPENSE REIMBURSEMENT: PERMIT APPLICATION FEE=	254.32
56478	R & B AUTOMATION, INC.	FULTON CONTROL VALVE	5,991.45
56479	SOCALGAS	FULTON SERVICE	14.79
56480	SONNENBERG, RYAN	EXPENSE REIMBURSEMENT REQUEST	230.79
56481	SOUTHERN CALIFORNIA EDISON	3949 WILLIAMS AVE	92.42
56481	SOUTHERN CALIFORNIA EDISON	2930 FULTON RD	110.93
56481	SOUTHERN CALIFORNIA EDISON	3300 PADUA AVE	185.98
56481	SOUTHERN CALIFORNIA EDISON	3949 WILLAIMS AVE	.50
56481	SOUTHERN CALIFORNIA EDISON	2930 FULTON RD	15.94
56482	SYNAGRO WEST, LLC	BIOSOLIDS JULY	32,011.36
56483	THE DRALA PROJECT INC.	VMware vSphere Foundation (3YR)	10,800.00
56484	THE PAPE GROUP INC	Hydraulic Leak	1,986.87
56485	THOMPSON PLUMBING SUPPLY	SUPPLIES	123.10
56486	VERIZON WIRELESS	VERIZON CONNECT	593.33
56487	VIA PROMOTIONALS	FLAGS	442.57
8202699	JCI JONES CHEMICALS, INC.	CHLORINE	16,658.61
8202699	JCI JONES CHEMICALS, INC.	CREDIT MEMO	-1,873.25
8202699	JCI JONES CHEMICALS, INC.	CREDIT MEMO	-3,746.50
56488	AGUIAR, DOMINIQUE	SMOG CHECK TRUCK 222	44.75
56489	AIRGAS SPECIALTY PRODUCTS	AMMONIUM HYDROXIDE SOLUTION 19%	1,669.38
56490	ARMSTRONG & WALKER, LANDSCAPE ARCHITECTU	UTILITY BOX RELOCATION	4,373.20
56491	AZUSA LIGHT & WATER	ELECTRICITY: 1420 SAN GABRIEL CANYON RD=	42.44
56492	BASIC	Monthly Fee for Bundled CDA Services	149.91
56493	CAPITOL ENQUIRY	2026 Pocket Directory	662.01
56494	CLS LANDSCAPE MANAGEMENT	TREE TRIMMING/REMOVALS	14,444.00
56495	CONCUR TECHNOLOGIES, INC.	EXPENSE MANAGEMENT APP	113.80
56496	DXP ENTERPRISES, INC.	STANDARD SEAL KIT BRIDGE PUMP	2,225.82
56497	ECOLOGY AUTO PARTS, INC.	BIOSOLIDS REMOVAL	1,000.00
56498	GFOA	Membership Renewal for the period of 9/1/2026 - 8/31/2027=	250.00
56499	GOLDEN STATE WATER COMPANY	MIRAGRAND WATER PURCHASE	773.49
56500	HARRINGTON IND PLASTICS, LLC	LAB SUPPLIES	242.23
56501	JAMES UHL	STAFF PROFESIONAL DEVELOPMENT TRAINING	10,740.00

THREE VALLEYS MUNICIPAL WATER DISTRICT
August 2026
General Checks 56416 through 56509
Payroll Wire Transfer August
08/07/2026, 08/21/2026, 08/31/2026 (D)

Check Number	Vendor	Description	Paid Amount
56502	LARIOS, LEONARDO	Expense Reimbursement	49.99
56503	LEADERSHIP DEVLPMNT NETWRK LLC	2 DISC ASSESMENTS	135.00
56504	LIGHTING INSTYLE	PLANT LIGHTING	866.55
56505	LANCE, SOLL & LUNGHARD LLP	2026 Government Audit - Interim Review	7,300.00
56506	OFFICE DEPOT	PAPER	108.37
56507	THE TACO MAN CATERING	LUNCHEON	341.48
56508	THOMPSON PLUMBING SUPPLY	SUPPLIES	25.21
56508	THOMPSON PLUMBING SUPPLY	SUPPLIES	58.42
56509	VWR INTERNATIONAL INC.	CARTRIDGE PACK	1,261.30
56509	VWR INTERNATIONAL INC.	Lab Drying Rack 72-Peg HIPS	684.27
828202601	METROPOLITAN WATER DISTRICT	JUNE 2026 WATER INVOICE	6,083,681.39
Grand Totals:			6,654,312.62

THREE VALLEYS MUNICIPAL WATER DISTRICT
August 2026
General Checks 56416 through 56509
Payroll Wire Transfer August
08/07/2026, 08/21/2026, 08/31/2026 (D)

Check Number	Name	Description	Paid Amount
8072654	FEDERAL TAX PAYMENT	Medicare Pay Period: 08/02/2026	2,670.58
8072654	FEDERAL TAX PAYMENT	Medicare Pay Period: 08/02/2026	2,670.58
8072654	FEDERAL TAX PAYMENT	Medicare Premium Pay Period: 08/02/2026	241.91
8072654	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 08/02/2026	22,197.00
8212654	FEDERAL TAX PAYMENT	Medicare Pay Period: 08/16/2026	2,657.40
8212654	FEDERAL TAX PAYMENT	Medicare Pay Period: 08/16/2026	2,657.40
8212654	FEDERAL TAX PAYMENT	Medicare Premium Pay Period: 08/16/2026	319.16
8212654	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 08/16/2026	21,787.92
8282653	FEDERAL TAX PAYMENT	Medicare Pay Period: 08/31/2026	197.20
8282653	FEDERAL TAX PAYMENT	Medicare Pay Period: 08/31/2026	197.20
8282653	FEDERAL TAX PAYMENT	Federal Withholding Tax Pay Period: 08/31/2026	531.67
Total 1:			56,128.02
8072656	STATE TAX PAYMENT	State Witholding Tax Pay Period: 08/02/2026	8,976.64
8072656	STATE TAX PAYMENT	State Disability Tax Pay Period: 08/02/2026	2,402.57
8212656	STATE TAX PAYMENT	State Witholding Tax Pay Period: 08/16/2026	8,845.44
8212656	STATE TAX PAYMENT	State Disability Tax Pay Period: 08/16/2026	2,380.42
8282654	STATE TAX PAYMENT	State Witholding Tax Pay Period: 08/31/2026	15.73
Total 2:			22,620.80
8072652	EMPOWER RETIREMENT, LLC	401A Deferred Pay Period: 08/02/2026	6,875.00
8212652	EMPOWER RETIREMENT, LLC	401A Deferred Pay Period: 08/16/2026	6,875.00
Total 3:			13,750.00
8072653	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 08/02/2026	13,768.00
8072653	EMPOWER RETIREMENT, LLC	457 Deferred Roth Pay Period: 08/02/2026	1,937.00
8072653	EMPOWER RETIREMENT, LLC	457 Deferred 7.5% Pay Period: 08/02/2026	62.10
8212653	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 08/16/2026	13,768.00
8212653	EMPOWER RETIREMENT, LLC	457 Deferred Roth Pay Period: 08/16/2026	1,937.00
8212653	EMPOWER RETIREMENT, LLC	457 Deferred 7.5% Pay Period: 08/16/2026	60.38

THREE VALLEYS MUNICIPAL WATER DISTRICT
August 2026
General Checks 56416 through 56509
Payroll Wire Transfer August
08/07/2026, 08/21/2026, 08/31/2026 (D)

Check Number	Name	Description	Paid Amount
8282652	EMPOWER RETIREMENT, LLC	457 Deferred Pay Period: 08/31/2026	3,905.24
8282652	EMPOWER RETIREMENT, LLC	457 Deferred 7.5% Pay Period: 08/31/2026	1,093.13
Total 4:			36,530.85
8252652	AFLAC	AFLAC PRETAX Pay Period: 08/02/2026	570.58
8252652	AFLAC	AFLAC POST Pay Period: 08/02/2026	156.10
8252652	AFLAC	AFLAC PRETAX Pay Period: 08/16/2026	570.58
8252652	AFLAC	AFLAC POST Pay Period: 08/16/2026	156.10
Total 5:			1,453.36
8072651	BASIC	HSA Pay Period: 08/02/2026	2,434.91
8212651	BASIC	HSA Pay Period: 08/16/2026	2,434.91
8282651	BASIC	HSA Pay Period: 08/31/2026	662.50
Total 7:			5,532.32
8072655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 08/02/2026	6,894.71
8072655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 08/02/2026	12,371.09
8072655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 08/02/2026	5,859.57
8072655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 08/02/2026	5,995.65
8072655	PUBLIC EMPLOYEES RETIREMENT SY	ROUNDING ADJ -0.01	.01-
8072655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Survivor Pay Period: 08/02/2026	23.25
8212655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 08/16/2026	6,887.37
8212655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Classic Contribution Pay Period: 08/16/2026	12,357.94
8212655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 08/16/2026	5,865.66
8212655	PUBLIC EMPLOYEES RETIREMENT SY	PERS - PEPRA Contribution Pay Period: 08/16/2026	6,001.89
8212655	PUBLIC EMPLOYEES RETIREMENT SY	ROUNDING ADJ	.01-
8212655	PUBLIC EMPLOYEES RETIREMENT SY	PERS Survivor Pay Period: 08/16/2026	23.25
Total 8:			62,280.36
8252651	ACWA/JPIA		588.20
8252651	ACWA/JPIA		12,021.65
8252651	ACWA/JPIA		22,555.25
8252651	ACWA/JPIA		2,853.31

THREE VALLEYS MUNICIPAL WATER DISTRICT
August 2026
General Checks 56416 through 56509
Payroll Wire Transfer August
08/07/2026, 08/21/2026, 08/31/2026 (D)

Check Number	Name	Description	Paid Amount
8252651	ACWA/JPIA		430.25
8252651	ACWA/JPIA		62.00
8252651	ACWA/JPIA		227.22
8252651	ACWA/JPIA		4,317.13
8252651	ACWA/JPIA		557.45
8252651	ACWA/JPIA		557.45
8252651	ACWA/JPIA		84.63
8252651	ACWA/JPIA		1,607.97
8252651	ACWA/JPIA		212.45
8252651	ACWA/JPIA		212.45
8252651	ACWA/JPIA		212.45
8252651	ACWA/JPIA		424.90
8252651	ACWA/JPIA		1,563.62
8252651	ACWA/JPIA		89.16
8252651	ACWA/JPIA		781.81
8252651	ACWA/JPIA		835.31
8252651	ACWA/JPIA		1,563.62
8252651	ACWA/JPIA		781.81
8252651	ACWA/JPIA		611.28
8252651	ACWA/JPIA		103.26
8252651	ACWA/JPIA		14.88
Total 9:			53,269.51
8252653	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 08/16/2026	540.56
8252653	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 08/16/2026	269.71
8252653	RELIANCE STANDARD LIFE INS CO.	Group Life - Taxable Pay Period: 08/16/2026	797.54
8252653	RELIANCE STANDARD LIFE INS CO.	Group Life Insurance Pay Period: 08/31/2026	9.98
8252653	RELIANCE STANDARD LIFE INS CO.	ROUNDING ADJ INVOICE	.01
Total 10:			1,617.80
8252654	RELIANCE STANDARD LIFE INS.	ST/LT Short Term Disability Pay Period: 08/16/2026	1,211.66
8252654	RELIANCE STANDARD LIFE INS.	ADJ Erika not calculated	61.27
8252654	RELIANCE STANDARD LIFE INS.	Rounding Adj 0.03 for invoice	.03-

THREE VALLEYS MUNICIPAL WATER DISTRICT
August 2026
General Checks 56416 through 56509
Payroll Wire Transfer August
08/07/2026, 08/21/2026, 08/31/2026 (D)

Check Number	Name	Description	Paid Amount
Total 11:			1,272.90
Grand Totals:			254,455.92

TOTAL AMOUNT OF PAYROLL CHECKS LISTED	**$ 244,095.32**

TOTAL AUGUST 2026 CASH DISBURSEMENTS	**$ 7,176,968.97**

THREE VALLEYS MUNICIPAL WATER DISTRICT
Warrant List
August 2026
Umpqua Bank Credit Cards Invoice Detail

Vendor	Description	Paid Amount
MISCELLANEOUS VENDORS	TREATMENT PLANT SUPPLIES, EVENT REGISTRATIONS AND RELATED EXPENSES	$13,317.99
SYNCB/AMAZON	JANITORIAL, OFFICE AND OTHER MISC. SUPPLIES	$1,914.27
ZOHO CORP	ENDPOINTS MANAGEMENT	$4,925.00
DELL	DELL PRO : S LEE	3,947.85
	TOTAL AMOUNT OF UMPQUA BANK CARD SERVICES INVOICE	**$ 24,105.11**

Imported Water Sales through August 2026

Agency*	Weymouth	Miramar	CVWC	Spreading	Total
Boy Scouts of America	12.1	0.0	0.0	0.0	12.1
Cal Poly Pomona	99.5	0.0	0.0	0.0	99.5
Covina, City of[3]	11.4	0.0	2,707.6	0.0	2,719.0
Glendora, City of[3]	0.0	0.0	38.3	0.0	38.3
Golden State Water Co.[2]	3,615.1	3,819.4	431.4	0.0	7,865.9
La Verne, City of	0.0	2,573.5	0.0	0.0	2,573.5
Mt. San Antonio College	338.5	0.0	0.0	0.0	338.5
Pomona, City of[1]	1,636.2	1,619.8	0.0	0.0	3,256.0
Rowland Water District[1]	3,840.0	2,008.5	0.0	0.0	5,848.5
Suburban Water Systems[2]	345.9	0.0	2,203.9	0.0	2,549.8
Three Valleys MWD				0.5	0.5
Covina Valley Water Company[2]	0.0	0.0	248.3	0.0	248.3
Walnut Valley WD[1,2]	6,529.1	3,352.4	0.0	0.0	9,881.5
Total	16,427.8	13,373.5	5,629.5	0.5	35,431.3[4]

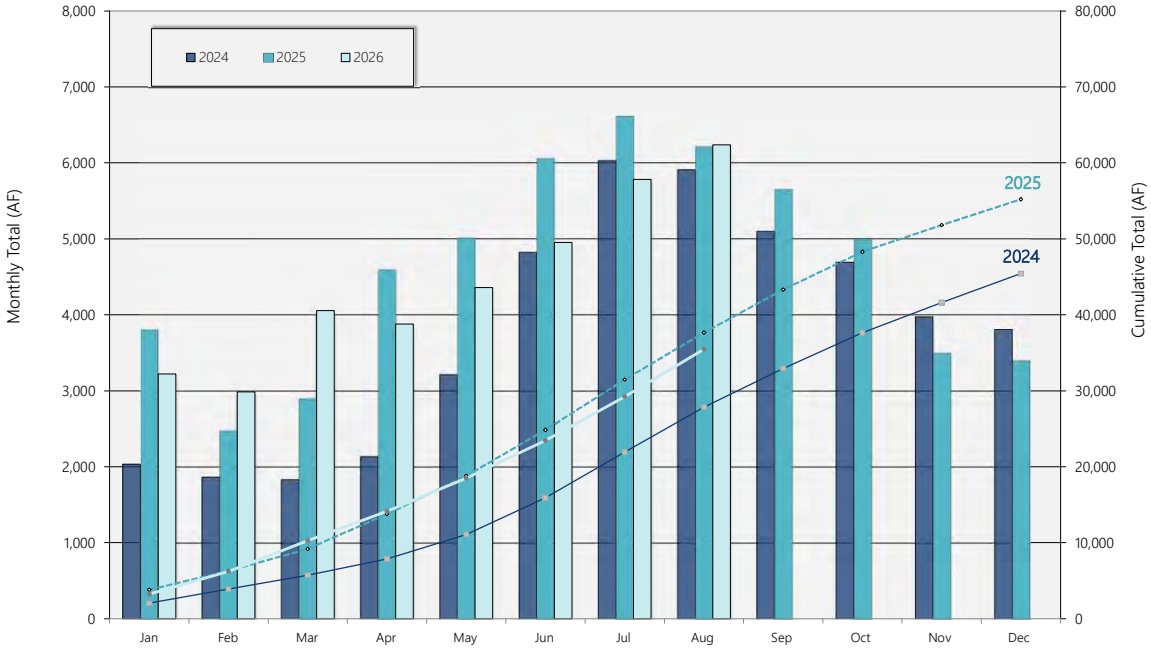
[1] Deliveries to JWL are assigned to Pomona, RWD, and WVWD.

[2] Deliveries to BGL are assigned to Suburban, CVWC, GSWC and WVWD.

[3] Deliveries to CVWC are assigned to Covina, Glendora, GSWC, SWS, and VHWC.

[4] The difference in total agency deliveries and MWD deliveries is attributed to TVMWD administrative water and well production.

Imported Water Purchases 3-yr Comparison



2026 Firm Water Usage (AF)													
Direct Delivery	3,222.8	2,986.9	4,053.8	3,879.4	4,357.4	4,952.6	5,782.2	6,238.1	0.0	0.0	0.0	0.0	**35,473.2**
Spreading Delivery	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.5**
Monthly Total	3,222.8	2,986.9	4,054.3	3,879.4	4,357.4	4,952.6	5,782.2	6,238.1	0.0	0.0	0.0	0.0	**35,473.7**
Cumulative Total	3,222.8	6,209.7	10,264.0	14,143.4	18,500.8	23,453.4	29,235.6	35,473.7	0.0	0.0	0.0	0.0	**35,473.7**

Three Valleys Municipal Water District
Miramar Operations Report

AUGUST 2026

Water Quality

The treatment plant produced treated water that met or exceeded state and federal drinking water standards.

Water quality data for the month of August (unless otherwise noted)

	Location	Results		Limits	Water Quality Goals
Turbidity	Raw	**0.84**	NTU	N/A	
Turbidity	Reservoir Effluent	**0.07**	NTU	0.3	*0.04-0.08 NTU*
MIB	Lake Silverwood	**ND**	ng/L	N/A	*DWR results as of Sep 2*
Geosmin	Lake Silverwood	**3**	ng/L	N/A	*DWR results as of Sep 2*
Total Trihalomethanes	Distribution System	**57.5-58.6**	µg/l	80	*Ranges from 4 distribution locations (Jun results)*
Haloacetic Acids	Distribution System	**10.4-12.6**	µg/l	60	
Nitrate	Reservoir Effluent		mg/L	10	<2.0 mg/L
Nitrite	Reservoir Effluent	**0.009**	mg/L	1	<0.008 mg/L
PFAS	Raw	**ND**	µg/l	N/A	*results*
Total Organic Carbon	RAA Ratio (Running Annual Average)	**0.94**		1.00	** RAA results should be greater than minimum limit to comply*

Reportable violations made to SWRCB: **NONE**

**RAA - Running Annual Average*

Monthly Plant Production

		Capacity	Monthly %
Potable water produced from Miramar Plant	**2132.3** AF	1844.6 AF	115.6%

Monthly Well Production

	Days in service		Same month prior year	Days in service
Well #1	**0**	**0.0** AF	**0.0** AF	**0**
Well #2	**31**	**89.5** AF	**86.2** AF	**25**
Grand Ave Well	**31**	**83.5** AF	**32.9** AF	**15**
Miragrand Well	**28**	**41.2** AF	**55.6** AF	**31**
Total Monthly Well Production		**214.2** AF	**174.7** AF	

Monthly Sales

La Verne	**544.4** AF	23.2%
GSWC (Claremont)	**537.8** AF	22.9%
GSWC (San Dimas)	**222.4** AF	9.5%
PWR-JWL	**1041.6** AF	44.4%
Pomona (Mills)	**0.0** AF	0.0%
TVMWD Admin	**0.4** AF	0.0%
Total Potable Water Sold	**2346.6** AF	100.0%

Year To Date 2026-27

	Actual		Budget		% of Budget
Potable Water Sold from Miramar Plant (90.6%)	**4,241.6**	AF	**4,400.0**	AF	96.4%
Total Well Production (9.4%)	**441.2**	AF	**433.3**	AF	101.8%
Total Potable Water Sold (Plant & Wells)	**4,682.8**	AF	**4,833.3**	AF	96.9%
Average monthly water sold	**2,341.4**	AF			

Hydroelectric Generation (kwH) FY 2025-26

	Monthly kwH		YTD kwH		
Miramar	Actual	Budget	Actual	Budget	% of Budget
Hydro 1	**351,471**	**49,460**	**697,470**	**98,919**	705.1%
Hydro 2	**0**	**65,877**	**0**	**120,775**	0.0%
Hydro 3	**0**	**9,567**	**0**	**17,540**	0.0%
Williams	**0**	**127,567**	**0**	**255,133**	0.0%
Fulton	**117,320**	**45,849**	**180,680**	**91,699**	197.0%
	468,791	**298,320**	**878,150**	**584,066**	150.4%

Operations/Maintenance Review

Special Activities

- A 4-20 ma output expansion module was installed, wired and integrated in to the SCADA for the Ammonia/Monochloramine analzyer in the lab.
- Annual inspection of all lockout/tagout locations were inspected and verified.
- Operation staff began changing out fluorescent bulbs in the adminstration building to ber retrofitted with new LED bulbs.
- The lighting fixture in one of the offices needed to be modified to increase the height of lighting.
- The laboratory countertops and sinks were recently upgraded with high-durability surfaces engineered specifically for laboratory environments.
- Service was completed to several of the District vehicles and BAR fleet smog compliance was completed. Also, the new Ford Explorer was added to the fleet of vehicles for District use.
- Pond 3 water fountain feature that is used to assist with algae control was repaired.

Outages/Repairs

- None

Unbudgeted Activities

- None

Other

- The majority of Operations staff attended the AWWA WES conference at the Santiago Canyon College.
- Several Operations staff attended the Tri-State 3-day conference in Las Vegas.

Submitted by: Steve Lang

Steve Lang
Chief Operations Officer

Expense Report

Report Name : June 2026 TVMWD

Employee Name : David De Jesus

Employee ID : 303

Report Header

Report ID : DA36121EFE54423193CA

Receipts Received : No

Report Date : 06/01/2026

Approval Status : Submitted & Pending Approval

Payment Status : Not Paid

Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/29/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Meeting with Board President	David De Jesus
	Comment :	David De Jesus (06/19/2026): Attended an in-person meeting with the Board President. The discussion was district related but of a confidential nature.					
06/25/2026	Meetings		Rancho Cucamonga	Out-of-Pocket	$275.00	Chino Basin Watermaster Board Meeting	David De Jesus
	Comment :	David De Jesus (06/19/2026): Attended the board meeting in person as the assigned voting alternate to Director Kuhn who had a business conflict.					
06/24/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Adjourned TVMWD Board Meeting	David De Jesus

	Comment :	David De Jesus (06/19/2026): Last week's meeting was adjourned to today (24th) to conclude a time sensitive matter that required more information.					
06/18/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Chino Basin Advisory Committee Meeting	David De Jesus
	Comment :	David De Jesus (06/19/2026): The committee discussed a number of items and deferred reports since they would be presented at the Watermaster board meeting next week.					
06/17/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Board Meeting	David De Jesus
	Comment :	David De Jesus (06/19/2026): Attended the board and reported on MWD issues. In addition, closed session matters were discussed and resulted in adjuring the meeting to the following Wednesday to secure additional information to make an informed decision.					
06/15/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Walnut Valley Board Meeting	David De Jesus
	Comment :	David De Jesus (06/19/2026): Attended the meeting and fielded questions after my MWD update.					
06/11/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Chino Basin Appropriative Pool Meeting	David De Jesus
	Comment :	David De Jesus (06/08/2026): Attended the monthly meeting of the Pool to received updated and or developed agenda concerns for the Advisory Committee to consider before being presented to the Board later this month. Bob Kuhn to report as usual on matters worth reporting on.					
06/10/2026	Meetings		Walnut	Out-of-Pocket	$275.00	MWD Matters Meeting	David De Jesus
	Comment :	David De Jesus (06/08/2026): Meeting was held to discuss MWD matters with the board President, GM and staff.					
06/05/2026	Meetings		Glendora	Out-of-Pocket	$275.00	Meeting with GM and Director Kuhn	David De Jesus
	Comment :	David De Jesus (06/03/2026): Meeting was conducted to discuss Chino Basin related matters.					
06/03/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Board Meeting Workshop	David De Jesus
	Comment :	David De Jesus (06/03/2026): Attended the board meeting and provided the group with an update to MWD activities.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/25/2026	Personal Car Mileage			Out-of-Pocket	$39.15	Chino Basin Watermaster Board Meeting	David De Jesus
06/24/2026	Personal Car Mileage			Out-of-Pocket	$27.55	Board Meeting	David De Jesus
06/18/2026	Personal Car Mileage			Out-of-Pocket	$27.55	Board Meeting	David De Jesus

06/05/2026	Personal Car Mileage	Out-of-Pocket	$12.33	Meeting with GM and Dir Kuhn	David De Jesus
06/03/2026	Personal Car Mileage	Out-of-Pocket	$27.55	Board Meeting Workshop	David De Jesus

Report Total :	$2,884.13
Personal Expenses :	$0.00
Total Amount Claimed :	$2,884.13
Amount Approved :	$2,884.13
Company Disbursements	
Amount Due Employee :	$2,884.13
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,884.13
Employee Disbursements	
Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : June 2026 MWD

Employee Name : David De Jesus

Employee ID : 303

Report Header

Report ID : F27F54872B68400C9C67

Receipts Received : No

Report Date : 06/01/2026

Approval Status : Submitted & Pending Approval

Payment Status : Not Paid

Currency : US, Dollar

Meetings (MWD Representative)

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/26/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	MWD/PVID CEC Board Meeting	David De Jesus
	Comment :	David De Jesus (06/19/2026): Attended the meeting and discussed agenda items including grant awards.					
06/23/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	Special Ag and Tribal Partnership Committee	David De Jesus
	Comment :	David De Jesus (06/19/2026): Attended the meeting assigned.					
06/19/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	CAC request for review of applications	David De Jesus
	Comment :	David De Jesus (06/19/2026): The CAC has requested that the CEC committee review the recommended grant funding projects					

		to provide additional feedback prior to their meeting on Wednesday the 24th. Input/feedback was submitted to CEC Chair Kurtz.					
06/16/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	MWD CEC Group Meeting	David De Jesus
	Comment :	David De Jesus (06/19/2026): A meeting was called to discuss issues to be considered at the monthly CEC meeting next week. Confidential matters included personnel.					
06/12/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	Audit meeting with the general auditor	David De Jesus
	Comment :	David De Jesus (06/08/2026): A meeting was conducted with the general auditor to discuss matters of concern and interest some of which was connected with the auditor's annual work plan.					
06/09/2026	Meetings (MWD Representative)		Glendora	Out-of-Pocket	$275.00	Board Meeting	David De Jesus
	Comment :	David De Jesus (06/08/2026): Attended the meeting remotely as required in representation of the district. Oral report to follow as may be appropriate.					
06/08/2026	Meetings (MWD Representative)		Glendora	Out-of-Pocket	$275.00	MWD Committee Meetings	David De Jesus
	Comment :	David De Jesus (06/08/2026): Assigned meetings throughout the day as required as a representative of the district. Oral report to follow as appropriate.					
06/04/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	Northern Caucus Group Meeting	David De Jesus
	Comment :	David De Jesus (06/03/2026): Meeting with a number of directors and their managers along with MWD management to discuss current issues on the agenda.					
06/02/2026	Meetings (MWD Representative)		Azusa	Out-of-Pocket	$275.00	SGV MWD Directors ONLY Meeting	David De Jesus
	Comment :	David De Jesus (06/03/2026): Attended the monthly meeting to discuss MWD matters of which were of a confidential nature. Directors in attendance were Kurtz, Fellows, Bryant, and Romey.					
06/01/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	Annual Direct Report Evaluations	David De Jesus
	Comment :	David De Jesus (06/03/2026): Conducted 4 separate direct report evals of the General Manager, General Consul, General Auditor, and Ethics Officer. The board will review each individual in the coming week at thier respective committees before the board takes collective action on any recommendations.					

Report Total :	$2,750.00
Personal Expenses :	$0.00

Total Amount Claimed :	$2,750.00
Amount Approved :	$2,750.00

Company Disbursements

Amount Due Employee :	$2,750.00
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,750.00

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : June2026. DirectorGoytia

Employee Name : Carlos Goytia
Employee ID : 314

Report Header

Report ID : B13455E9177646A9B6C6
Receipts Received : No
Report Date : 06/30/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/25/2026	Meetings		Pomona	Out-of-Pocket	$275.00	TVMWD Leadership Breakfast Series	Carlos Goytia
	Comment :	Carlos Goytia (07/04/2026): attended our quarterly leadership breakfast event with special guest speakers.					
06/24/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Board Meeting	Carlos Goytia
	Comment :	Carlos Goytia (07/04/2026): attended and participated in board deliberations and discussions. closed session meeting					
06/17/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Board of Directors Meeting	Carlos Goytia

	Comment :	Carlos Goytia (07/04/2026): attended and participated in board deliberations and discussions.					
06/15/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Meeting w/ Director Marquez D6	Carlos Goytia
	Comment :	Carlos Goytia (07/04/2026): met with Director Marquez to discuss water related issues in Pomona and to discuss water rate increases.					
06/12/2026	Meetings		San Gabriel	Out-of-Pocket	$275.00	SGVEP Legislative Networking Reception	Carlos Goytia
	Comment :	Carlos Goytia (07/04/2026): attended legislative reception and met with elected officials from throughout the SGV.					
06/10/2026	Meetings		La Verne	Out-of-Pocket	$275.00	SGVEP Board of Directors Meeting	Carlos Goytia
	Comment :	Carlos Goytia (07/04/2026): attended and participated in board deliberations and discussions					
06/09/2026	Meetings		Pomona	Out-of-Pocket	$275.00	City of Pomona Water Resources Meeting	Carlos Goytia
	Comment :	Carlos Goytia (07/04/2026): attended and participated in pomona basin discussions and discussed water related issues.					
06/03/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Board Meeting	Carlos Goytia
	Comment :	Carlos Goytia (07/04/2026): attended and participated in board deliberations and discussions.					
06/02/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Cal Poly Pomona Meeting	Carlos Goytia
	Comment :	Carlos Goytia (07/04/2026): met with Dean Ethan Orr and Director Lisa Christie to discuss future collaborations to create water education pathways and toured facilities.					
06/01/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Executive Board Committee Meeting	Carlos Goytia
	Comment :	Carlos Goytia (07/04/2026): attended and participated in E.Board discussions and review board agenda.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/25/2026	Personal Car Mileage			Out-of-Pocket	$6.53	TVMWD Leadership Breakfast Series	Carlos Goytia
06/24/2026	Personal Car Mileage			Out-of-Pocket	$23.20	TVMWD Board Meeting	Carlos Goytia
06/17/2026	Personal Car Mileage			Out-of-Pocket	$23.20	TVMWD Board Meeting	Carlos Goytia
06/15/2026	Personal Car Mileage			Out-of-Pocket	$2.18	Meeting w/ Director Marquez D6	Carlos Goytia

06/12/2026	Personal Car Mileage	Out-of-Pocket	$33.35	SGVEP Legislative Networking Reception	Carlos Goytia
06/10/2026	Personal Car Mileage	Out-of-Pocket	$11.60	SGVEP Board of Directors Meeting	Carlos Goytia
06/09/2026	Personal Car Mileage	Out-of-Pocket	$5.80	City of Pomona Water Resources Meeting	Carlos Goytia
06/03/2026	Personal Car Mileage	Out-of-Pocket	$23.20	TVMWD Board Meeting	Carlos Goytia
06/02/2026	Personal Car Mileage	Out-of-Pocket	$5.80	Cal Poly Pomona Meeting	Carlos Goytia
06/01/2026	Personal Car Mileage	Out-of-Pocket	$15.23	TVMWD Executive Board Committee Meeting	Carlos Goytia

Report Total :	$2,900.09
Personal Expenses :	$0.00
Total Amount Claimed :	$2,900.09
Amount Approved :	$2,900.09
Company Disbursements	
Amount Due Employee :	$2,900.09
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,900.09
Employee Disbursements	
Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Hanlon June expenses

Employee Name : Jeff Hanlon
Employee ID : 319

Report Header

Report ID : E50517052FB549FFADEB
Receipts Received : No
Report Date : 06/03/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/03/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Board Meeting	Jeff Hanlon
	Comment :	Jeff Hanlon (06/03/2026): Regular board meeting of TVMWD.					
06/01/2026	Meetings		Claremont	Out-of-Pocket	$275.00	GM Exec committee	Jeff Hanlon
	Comment :	Jeff Hanlon (06/03/2026): Met with directors Ti and Goytia, and GM Litchfield to discuss June agenda.					

Report Total : $550.00

Personal Expenses :	$0.00
Total Amount Claimed :	$550.00
Amount Approved :	$550.00

Company Disbursements

Amount Due Employee :	$550.00
Amount Due Company Card :	$0.00
Total Paid By Company :	$550.00

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : June 2026 Kuhn

Employee Name : Bob Kuhn
Employee ID : 305

Report Header

Report ID : 43BE67C4238949B0B802
Receipts Received : No
Report Date : 06/30/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/29/2026	Meetings		West Covina	Out-of-Pocket	$275.00	Meeting with Board President & Director De Jesus	Bob Kuhn
	Comment :	Bob Kuhn (07/08/2026): Meeting with President Ti and Director De Jesus to provide a briefing on CBWM and MWD matters.					
06/25/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Leadership Breakfast	Bob Kuhn
	Comment :	Bob Kuhn (07/08/2026): Attended the Leadership Breakfast for an update from ACWA JPIA.					
06/24/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Three Valleys Adjourned Meeting	Bob Kuhn

	Comment :	Bob Kuhn (07/08/2026): Attended the adjourned meeting to discuss the Division III vacancy.					
06/17/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Three Valleys Board Meeting	Bob Kuhn
	Comment :	Bob Kuhn (07/08/2026): Attended the regular Board of Directors meeting for Three Valleys to discuss items as listed on the agenda.					
06/10/2026	Meetings		Glendora	Out-of-Pocket	$275.00	CBWM Meeting	Bob Kuhn
	Comment :	Bob Kuhn (07/08/2026): Teleconference with Edgar from CBWM discussing safe yield for the Appropriative Pool meeting.					
06/05/2026	Meetings		Glendora	Out-of-Pocket	$275.00	General Managers Meeting	Bob Kuhn
	Comment :	Bob Kuhn (07/08/2026): Met with the General Manager and Director De Jesus to discuss CBWM and MWD.					
06/03/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Three Valleys Board Meeting	Bob Kuhn
	Comment :	Bob Kuhn (07/08/2026): Attended the Three Valleys Board of Directors meeting and discussed reports as listed on the agenda.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/29/2026	Personal Car Mileage			Out-of-Pocket	$20.30	Meeting with Board President	Bob Kuhn
06/25/2026	Personal Car Mileage			Out-of-Pocket	$13.78	Leadership Breakfast	Bob Kuhn
06/24/2026	Personal Car Mileage			Out-of-Pocket	$14.50	Three Valleys Adjourned Meeting	Bob Kuhn
06/17/2026	Personal Car Mileage			Out-of-Pocket	$14.50	Three Valleys Board Meeting	Bob Kuhn
06/03/2026	Personal Car Mileage			Out-of-Pocket	$14.50	Three Valleys Board Meeting	Bob Kuhn

Report Total :	$2,002.58
Personal Expenses :	$0.00
Total Amount Claimed :	$2,002.58
Amount Approved :	$2,002.58

Company Disbursements

Amount Due Employee :	$2,002.58
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,002.58

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Marquez June 2026

Employee Name : Jorge Marquez

Employee ID : 320

Report Header

Report ID : FBA29BFEFB4C4D51B0B3

Receipts Received : No

Report Date : 06/06/2026

Approval Status : Submitted & Pending Approval

Payment Status : Not Paid

Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/25/2026	Meetings		Pomona	Out-of-Pocket	$275.00	TVMWD Event	Jorge Marquez
	Comment :	Jorge Marquez (07/07/2026): TVMWD Breakfast Leadership Meeting					
06/24/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Regular Meeting	Jorge Marquez
	Comment :	Jorge Marquez (07/07/2026): Adjourned Regular Meeting of TVMWD					
06/23/2026	Meetings		Covina	Out-of-Pocket	$275.00	Meeting with CO BOD	Jorge Marquez
	Comment :	Jorge Marquez (07/07/2026): Meeting with K McGuire for possible collabortion with COUSD and TVMWD. Also spoke about outreach programs for TVMWD and BOD (Board of Directors)					

06/22/2026	Meetings		Pomona	Out-of-Pocket	$275.00	City of Pomona	Jorge Marquez
	Comment :	Jorge Marquez (07/07/2026): Meeting with Councilmember V. Preciado to talk Pomona City issues and TVMWD issues. Main points regarding rates and Pomona Valley Protective Association.					
06/18/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Chino Basin Meeting	Jorge Marquez
	Comment :	Jorge Marquez (07/07/2026): Chino Basin Watermaster Advisory Commitee Virtual					
06/17/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Board Meeting	Jorge Marquez
	Comment :	Jorge Marquez (07/07/2026): Regular Meeting for TVMWD					
06/15/2026	Meetings		Pomona	Out-of-Pocket	$275.00	TVMWD Meeting BOD	Jorge Marquez
	Comment :	Jorge Marquez (07/07/2026): Meeting with VP Goytia regarding current and future TVMWD items.					
06/09/2026	Meetings		Pomona	Out-of-Pocket	$275.00	City of Pomona	Jorge Marquez
	Comment :	Jorge Marquez (07/07/2026): Monthly Meeting with Water Resources Director Chris Diggs with VP Goytia and GM Litchfield					
06/08/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Metropolitan Water Committee Meeting	Jorge Marquez
	Comment :	Jorge Marquez (07/07/2026): MET Legislative Committee Meeting Virtual					
06/04/2026	Meetings		Pomona	Out-of-Pocket	$275.00	TVMWD Staff Meeting	Jorge Marquez
	Comment :	Jorge Marquez (06/06/2026): Meeting with Staff and Legal Counsel regarding PRAs (Virtual on Teams)					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/24/2026	Personal Car Mileage			Out-of-Pocket	$13.05	TVMWD Meeting	Jorge Marquez
06/17/2026	Personal Car Mileage			Out-of-Pocket	$13.05	TVMWD Meeting	Jorge Marquez

Report Total :	$2,776.10
Personal Expenses :	$0.00
Total Amount Claimed :	$2,776.10
Amount Approved :	$2,776.10

Company Disbursements

Amount Due Employee :	$2,776.10
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,776.10

Employee Disbursements

Amount Due Company Card From Employee : $0.00

Total Paid By Employee : $0.00

Expense Report

Report Name : June 2026 Roberto

Employee Name : Jody Roberto
Employee ID : 316

Report Header

Report ID : 7C4D35BF0B3E407F9FF8
Receipts Received : No
Report Date : 06/09/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/26/2026	Meetings		West Covina	Out-of-Pocket	$275.00	SGV Legislative Caucus Reception	Jody Roberto
	Comment :	Jody Roberto (07/08/2026): The legislators representing the San Gabriel Valley held a reception with business leaders, community members and SGV stakeholders to discuss the future of the San Gabriel Valley.					
06/25/2026	Meetings		Pomona	Out-of-Pocket	$275.00	3V Leadership Breakfast	Jody Roberto
	Comment :	Jody Roberto (06/26/2026): ACWA JPIA CEO and the HR Director gave a presentation on Insurance benefits and importance of preparedness.					
06/24/2026	Meetings		Claremont	Out-of-	$275.00	3V Board	Jody

				Pocket		Meeting	Roberto
	Comment :	Jody Roberto (06/26/2026): Special meeting of the board to discuss filling vacancy on the board.					
06/23/2026	Meetings		Diamond Bar	Out-of-Pocket	$275.00	SDASGV Board Meeting	Jody Roberto
	Comment :	Jody Roberto (06/26/2026): The Special Districts Association SGV board discussed our upcoming event scheduled for July 27 at 3V with Senator Archuleta as our guest speaker.					
06/18/2026	Meetings		San Dimas	Out-of-Pocket	$275.00	Member Agency Lunch	Jody Roberto
	Comment :	Jody Roberto (07/08/2026): Mike and I met with Tom, Dusty and Gabby from Rowland Water District for our monthly meeting to discuss business important to our agencies.					
06/17/2026	Meetings		Claremont	Out-of-Pocket	$275.00	3V Board Meeting	Jody Roberto
	Comment :	Jody Roberto (07/08/2026): Regular meeting of the board to discuss and approve district business.					
06/15/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Walnut Valley Water District Board Meeting	Jody Roberto
	Comment :	Jody Roberto (07/08/2026): The board met to discuss and approve district business. Committee reports were provided.					
06/12/2026	Meetings		San Gabriel	Out-of-Pocket	$275.00	SGV Economic Partnership Reception	Jody Roberto
	Comment :	Jody Roberto (07/08/2026): The SGV Economic Partnership held their annual reception for members and guests to hear from our local legislators.					
06/05/2026	Meetings		Monterey Park	Out-of-Pocket	$275.00	Chinese Elected Officials (CEO) dinner	Jody Roberto
	Comment :	Jody Roberto (06/23/2026): I attended the CEO dinner as a guest of one of the honorees along with retired Senators Bob Huff and Ling Ling Chang. The CEO organization is comprised of elected officials from Federal, State, County, City and local government. Many elected officials from our local region were in attendance.					
06/03/2026	Meetings		Claremont	Out-of-Pocket	$275.00	3V Board Meeting	Jody Roberto
	Comment :	Jody Roberto (07/08/2026): Regular meeting of the board to discuss and approve district business.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/26/2026	Personal Car Mileage			Out-of-Pocket	$12.33	SGV Legislative Caucus Reception	Jody Roberto
06/25/2026	Personal Car Mileage			Out-of-Pocket	$10.15	3V Leadership Breakfast	Jody Roberto
06/24/2026	Personal Car Mileage			Out-of-Pocket	$27.55	3V Board Meeting	Jody Roberto

06/18/2026	Personal Car Mileage	Out-of-Pocket	$15.95	Member Agency Lunch	Jody Roberto
06/17/2026	Personal Car Mileage	Out-of-Pocket	$27.55	3V Board Meeting	Jody Roberto
06/15/2026	Personal Car Mileage	Out-of-Pocket	$7.25	Walnut Valley Water District Board Meeting	Jody Roberto
06/12/2026	Personal Car Mileage	Out-of-Pocket	$37.70	SGV Economic Partnership Reception	Jody Roberto
06/05/2026	Personal Car Mileage	Out-of-Pocket	$34.80	Chinese Elected Officials dinner	Jody Roberto
06/03/2026	Personal Car Mileage	Out-of-Pocket	$27.55	3V Board Meeting	Jody Roberto

Report Total :	$2,950.83
Personal Expenses :	$0.00
Total Amount Claimed :	$2,950.83
Amount Approved :	$2,950.83
Company Disbursements	
Amount Due Employee :	$2,950.83
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,950.83
Employee Disbursements	
Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Mike Ti June 2026

Employee Name : Mike Ti

Employee ID : 318

Report Header

Report ID : 574BC82C33814514BE6C

Receipts Received : No

Report Date : 07/07/2026

Approval Status : Submitted & Pending Approval

Payment Status : Not Paid

Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/30/2026	Meetings		Walnut	Out-of-Pocket	$0.00	WVWD's GM Retirement	Mike Ti
	Comment :	Mike Ti (07/08/2026): WVWD's GM Retirement - attended Sherry Shaw's retirement party.					
06/29/2026	Meetings		Covina	Out-of-Pocket	$0.00	Meeting with TVMWD Board President	Mike Ti
	Comment :	Mike Ti (07/08/2026): Meeting with TVMWD Board President - David, Bob, and I met to district business.					
06/25/2026	Meetings		Pomona	Out-of-Pocket	$275.00	TVMWD Leadership Breakfast	Mike Ti
	Comment :	Mike Ti (07/08/2026): TVMWD Leadership Breakfast - guest speakers Adrienne Beatty and Jennifer Jobe of JPIA spoke about the importance and values of insurance.					

06/24/2026	Meetings	Claremont	Out-of-Pocket	$275.00	Three Valleys MWD ADJOURNED Reg Board Meeting	Mike Ti
	Comment : Mike Ti (07/08/2026): Three Valleys MWD ADJOURNED Reg Board Meeting - the board considered procedures and direction and took action to fill the Division 3 vacancy.					
06/18/2026	Meetings	San Dimas	Out-of-Pocket	$275.00	Meeting with RWD's and WVWD's GMs	Mike Ti
	Comment : Mike Ti (07/08/2026): Meeting with RWD's and WVWD's GMs - Tom, Gabby, Dusty, Jody, and I met during lunch to discuss interagency cooperations.					
06/17/2026	Meetings	Claremont	Out-of-Pocket	$275.00	Three Valleys MWD Regular Board Meeting	Mike Ti
	Comment : Mike Ti (07/08/2026): Three Valleys MWD Regular Board Meeting - public hearing on adoption of water standby charge, GM workplan, purchase authorizations for immutable backup storage and software, filling the division 3 board vacancy.					
06/15/2026	Meetings	Walnut	Out-of-Pocket	$275.00	Walnut Valley WD Regular Board Meeting	Mike Ti
	Comment : Mike Ti (07/08/2026): Walnut Valley WD Regular Board Meeting - heard public hearings for standby charge report, AB2561 job vacancies, recruitment, and retention, and committee reports.					
06/12/2026	Meetings	West Covina	Out-of-Pocket	$275.00	Meeting with Legal Counsel	Mike Ti
	Comment : Mike Ti (07/08/2026): Meeting with Legal Counsel - Steve, Matt, and I met online to discuss legal requirements and options for filling the division 3 board vacancy.					
06/10/2026	Meetings	West Covina	Out-of-Pocket	$275.00	Monthly MWD Matters	Mike Ti
	Comment : Mike Ti (07/08/2026): Monthly MWD Matters - David, Sylvie, Matt, and I met online to discuss MWD matters as they relate to Three Valleys.					
06/09/2026	Meetings	Rowland Heights	Out-of-Pocket	$275.00	Rowland Water District Regular Board Meeting	Mike Ti
	Comment : Mike Ti (07/08/2026): Rowland Water District Regular Board Meeting - heard presentation on monthly salary ranges effective July 1, 2026, operation and CIP budget, PBWA budget, AWSDA report, and emergency response plan, and committee reports.					
06/03/2026	Meetings	Claremont	Out-of-Pocket	$275.00	Three Valleys MWD Regular Board Meeting	Mike Ti
	Comment : Mike Ti (07/08/2026): Three Valleys MWD Regular Board Meeting - conducted public meeting regarding the imposition of water standby charge for fiscal year 2026-27, public hearings on adoption of the 2025 regional urban water management plan and the 2025 water shortage contingency plan.					
06/01/2026	Meetings	Claremont	Out-of-Pocket	$275.00	Monthly GM Executive Meeting	Mike Ti
	Comment : Mike Ti (07/08/2026): Monthly GM Executive Meeting - Jeff, Carlos, Matt, and I met during lunch to discuss the upcoming board meeting agenda and other district's business.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
06/30/2026	Personal Car Mileage			Out-of-Pocket	$7.25	WVWD's GM Retirement	Mike Ti
06/29/2026	Personal Car Mileage			Out-of-Pocket	$8.70	Meeting with TVMWD Board President	Mike Ti
06/25/2026	Personal Car Mileage			Out-of-Pocket	$9.43	TVMWD Leadership Breakfast	Mike Ti
06/24/2026	Personal Car Mileage			Out-of-Pocket	$29.73	Three Valleys MWD ADJOURNED Reg Board Meeting	Mike Ti
06/18/2026	Personal Car Mileage			Out-of-Pocket	$21.75	Meeting with RWD's and WVWD's GMs	Mike Ti
06/17/2026	Personal Car Mileage			Out-of-Pocket	$29.73	Three Valleys MWD Regular Board Meeting	Mike Ti
06/15/2026	Personal Car Mileage			Out-of-Pocket	$7.25	Walnut Valley WD Regular Board Meeting	Mike Ti
06/09/2026	Personal Car Mileage			Out-of-Pocket	$8.70	Rowland Water District Regular Board Meeting	Mike Ti
06/03/2026	Personal Car Mileage			Out-of-Pocket	$29.73	Three Valleys MWD Regular Board Meeting	Mike Ti
06/01/2026	Personal Car Mileage			Out-of-Pocket	$22.48	Monthly GM Executive Meeting	Mike Ti

Report Total :	$2,924.75
Personal Expenses :	$0.00
Total Amount Claimed :	$2,924.75
Amount Approved :	$2,924.75

Company Disbursements

Amount Due Employee :	$2,924.75
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,924.75

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : July TVMWD 2026

Employee Name : David De Jesus
Employee ID : 303

Report Header

Report ID : AAEAC0355D6643578E75
Receipts Received : Yes
Report Date : 07/01/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Business Meals (Attendees)

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/07/2026	Business Meals (Attendees)	MAXS CUISINE INC	Azusa	Out-of-Pocket	$97.80	San Gabriel Valley MWD Director Meeting	David De Jesus

Comment : David De Jesus (07/10/2026): Attended the monthly lunch gathering to discuss current and pending MWD issues and concerns germane to our respective service areas.

Attendees : David De Jesus, Employee
Cynthia Kurtz, City of Pasadena, Business Guest
Anthony Fellows, Upper San Gabriel Valley Water District, Business Guest
Gerry Bryant, Foothill Municipal Water District, Business Guest

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center

07/27/2026	Meetings	Walnut	Out-of-Pocket	$275.00	Special District San Gabriel Chapter Luncheon	David De Jesus
	Comment : David De Jesus (07/21/2026): Attended the first Chapter luncheon held at the Districts HQ.					
07/23/2026	Meetings	Walnut	Out-of-Pocket	$275.00	Chino Basin Watermaster Board Meeting	David De Jesus
	Comment : David De Jesus (07/17/2026): Attended the board meeting as the voting alternate to Dir Kuhn who is the districts representative.					
07/22/2026	Meetings	Walnut	Out-of-Pocket	$275.00	Southern Cal Water Dialogue	David De Jesus
	Comment : David De Jesus (07/21/2026): The meeting focused on the water shortage along the western water states and funding challenges.					
07/16/2026	Meetings	Walnut	Out-of-Pocket	$275.00	Chino Basin Advisory Committee Meeting	David De Jesus
	Comment : David De Jesus (07/10/2026): Attended the meeting remotely in preparation of the recommended action for the board meeting scheduled next week.					
07/15/2026	Meetings	Claremont	Out-of-Pocket	$275.00	Board Meeting & Facilities Tour	David De Jesus
	Comment : David De Jesus (07/10/2026): The board and staff extended the meeting to include an annual facilities tour.					
07/09/2026	Meetings	Walnut	Out-of-Pocket	$275.00	Northern Caucus Group Meeting	David De Jesus
	Comment : David De Jesus (07/10/2026): Meeting was held with the GM, management staff, and member agency directors and staff to discuss current related matters.					
07/08/2026	Meetings	Walnut	Out-of-Pocket	$275.00	MWD Matters Meeting	David De Jesus
	Comment : David De Jesus (07/10/2026): Led the discussion in this meeting attended by President Ti and staff geared toward diving deep into the current issues at MWD.					
07/07/2026	Meetings	Azusa	Out-of-Pocket	$275.00	San Gabriel Valley MWD Director Meeting	David De Jesus
	Comment : David De Jesus (07/10/2026): Monthly meeting of the foothill directors' group to discuss MWD issues.					
07/06/2026	Meetings	Claremont	Out-of-Pocket	$275.00	Executive Committee Meeting	David De Jesus
	Comment : David De Jesus (07/10/2026): As the newly appointed Secretary/Treasurer, I attended the meeting with the GM, President Ti and Vice President Goytia to review, discuss, and clarify board the board agenda items for the month. Shout out to President Ti for the ride to and from the meeting. Thank you and much appreciated!					
07/03/2026	Meetings	Dana Point	Out-of-Pocket	$275.00	Meeting with GM	David De Jesus

Comment : David De Jesus (07/10/2026): Attended the meeting via zoom due to the holidays to discuss upcoming issues related to the caucuses in the coming week. Additionally, discussion on Chino Basin matters was shared by Dir Kuhn was also in attendance.

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/27/2026	Personal Car Mileage			Out-of-Pocket	$28.88	Board Meeting & Facilities Tour	David De Jesus
07/15/2026	Personal Car Mileage			Out-of-Pocket	$28.88	Board Meeting & Facilities Tour	David De Jesus
07/07/2026	Personal Car Mileage			Out-of-Pocket	$15.20	San Gabriel Valley MWD Director Meeting	David De Jesus

Report Total :	$2,920.76
Personal Expenses :	$0.00
Total Amount Claimed :	$2,920.76
Amount Approved :	$2,920.76

Company Disbursements

Amount Due Employee :	$2,920.76
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,920.76

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

MAXS CUISINE INC
635 N AZUSA AVE
AZUSA, CA 91702
626 334 9695

Transaction **400008**

Total	**$85.48**
CREDIT CARD AUTH	$85.48
AMEX [redacted]	
Tip (15%)	12.82
Total	97.80

Retain this copy for statement validation

07-Jul-2026 12:30:07P
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AMERICAN EXPRESS
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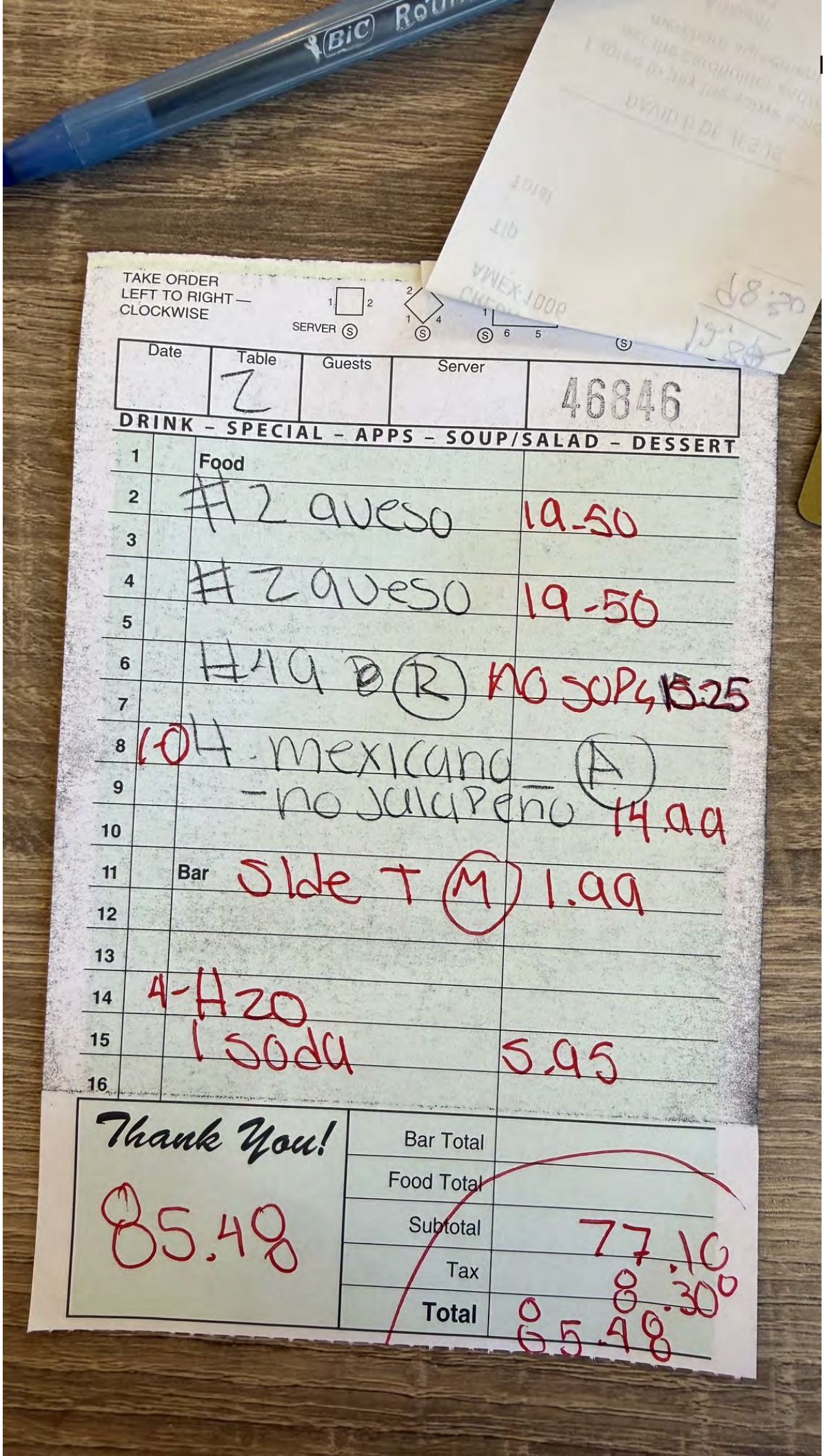
DAVID D DE JESUS
Reference ID: 618800980217
Auth ID: 847256
MID: ********9999
AID: A0000000025010801
AthNtwkNm: AMEX
SIGNATURE

Clover ID: PJTQD4F6EZNSG
Payment DKD3C4P2VH8K4

Clover Privacy Policy
https://clover.com/privacy



TAKE ORDER
LEFT TO RIGHT — CLOCKWISE

SERVER (S)

Date	Table	Guests	Server	
	2			46846

DRINK – SPECIAL – APPS – SOUP/SALAD – DESSERT

1		Food	
2		#2 queso	19.50
3			
4		#2 queso	19.50
5			
6		#19 D (R)	NO SOP 15.25
7			
8	10	4 mexicano (A)	
9		-no jalapeno	14.99
10			
11	Bar	side T (M)	1.99
12			
13			
14		4-H2O	
15		1 soda	5.95
16			

Thank You!

85.49

Bar Total	
Food Total	
Subtotal	77.10
Tax	8.30
Total	85.49

Expense Report

Report Name : July MWD 2026

Employee Name : David De Jesus
Employee ID : 303

Report Header

Report ID : 1E749BAA20BA424296C5
Receipts Received : Yes
Report Date : 07/01/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings (MWD Representative)

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/31/2026	Meetings (MWD Representative)		Northridge	Out-of-Pocket	$275.00	SCWC Quarterly Meeting	David De Jesus
	Comment :	David De Jesus (07/21/2026): Attended the luncheon and carpooled with Presidertn Mike Ti ... thanks Mike!					
07/28/2026	Meetings (MWD Representative)		Glendora	Out-of-Pocket	$275.00	MWD import water committee and Board workshop	David De Jesus
	Comment :	David De Jesus (07/21/2026): Attended the meetings as assigned. Also attended the workshop on Direct potable use					
07/24/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	CEC Board Meeting	David De Jesus

	Comment :	David De Jesus (07/21/2026): The monthly PVID/MWD Board Meeting to review and approve potential grant funding (on 2 applicants) in the Blyth area of the PVID service area.				
07/20/2026	Meetings (MWD Representative)	Walnut	Out-of-Pocket	$275.00	CRA Ad Hoc Negotiating Com Meeting	David De Jesus
	Comment :	David De Jesus (07/21/2026): Meeting to discuss matters on the CRA and provide staff with direction.				
07/17/2026	Meetings (MWD Representative)	Walnut	Out-of-Pocket	$275.00	Meeting with MWD Auditor	David De Jesus
	Comment :	David De Jesus (07/10/2026): Met with Auditor as assigned to discuss matters specific to the office.				
07/14/2026	Meetings (MWD Representative)	Glendora	Out-of-Pocket	$275.00	Board Meeting	David De Jesus
	Comment :	David De Jesus (07/10/2026): Attended the board meeting as assigned, report on pertinent matters to be presented at the TVMWD Board Meeting as usual.				
07/13/2026	Meetings (MWD Representative)	Glendora	Out-of-Pocket	$275.00	MWD Committee Meetings	David De Jesus
	Comment :	David De Jesus (07/10/2026): Attended meetings both as assigned and unassigned throughout the day,				
07/10/2026	Meetings (MWD Representative)	Walnut	Out-of-Pocket	$275.00	Meeting with MWD GM	David De Jesus
	Comment :	David De Jesus (07/10/2026): Met with GM Shivaji Deshmukh to discuss current and future issues at MWD. Follow-up meeting to be scheduled for next month.				
07/02/2026	Meetings (MWD Representative)	Walnut	Out-of-Pocket	$275.00	CEC Board chair Kurtz	David De Jesus
	Comment :	David De Jesus (07/28/2026): A meeting with CEC MWD chair Kurtz was requested to discuss issues disclosed to her regarding potential of conflict of interest with an existing PVID member, a potential grant application to be presented at the CAC meeting later this month.				
07/01/2026	Meetings (MWD Representative)	Walnut	Out-of-Pocket	$275.00	Meeting with CRA Manager William Hesencamp	David De Jesus
	Comment :	David De Jesus (07/10/2026): Meeting was held to discuss issues developing in Washington DC are they relate to the CRA negotiations. In a related matter, strategies were discussed as it related to issues developing within the PVID programs and the federal government to establish a ICS pool under their control.				

Report Total :	$2,750.00
Personal Expenses :	$0.00
Total Amount Claimed :	$2,750.00
Amount Approved :	$2,750.00

Company Disbursements

Amount Due Employee :	$2,750.00
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,750.00

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : July2026. DirectorGoytia

Employee Name : Carlos Goytia
Employee ID : 314

Report Header

Report ID : 8604B0C9C4D84CC4B9A8
Receipts Received : No
Report Date : 07/31/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/29/2026	Meetings		Monrovia	Out-of-Pocket	$275.00	SGVEP Workforce Development Roundtable.	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): attended as 3VMWD Representative and member of the Board of the Partnership.					
07/27/2026	Meetings		Claremont	Out-of-Pocket	$275.00	SGV/CSDA Chapter Meeting	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): special guest speaker Senator Bob Archuleta.					
07/20/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Pomona City Council Meeting	Carlos Goytia

	Comment :	Carlos Goytia (08/06/2026): attended as 3VMWD representative to the council.					
07/16/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Pomona Chamber Awards and Installation Event.	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): attended event as a special guest and elected representative, ceremonial event.					
07/15/2026	Meetings		Claremont	Out-of-Pocket	$275.00	3Valleys Directors Summer Tour.	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): tour of District Facilities with our GM and 3Valleys Staff .					
07/14/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Meeting w/ CVStrategies - Erin LaCombe	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): met with CEO Erin LaCombe to discuss water and marketing opportunities and keeping in step with technology and social media. very educational and informative. Media101					
07/11/2026	Meetings		San Jacinto	Out-of-Pocket	$275.00	Meeting w/Tribal Chairman David Trujillo	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): met with Chairman Trujillo and tribal members and officials to discuss indigenous water rights and issues related to tribal governments and discussed future collaborations in water protection and land stewardship. i had the pleasure of being their special guest.					
07/09/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Meeting w.Director J.Marquez	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): met with Director Marquez to discuss water related issues to Pomona.We also met with community stakeholder.					
07/07/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Pomona Community Up Event.	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): co sponsored event with Councilmember Victor Preciado, met with community constituents and provided resources and water education.					
07/06/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Executive Board Committee Meeting	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): met with executive committee to discuss board agenda and water related issues within our service area.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/29/2026	Personal Car Mileage			Out-of-Pocket	$29.64	SGVEP Workforce Development Rountable	Carlos Goytia
07/27/2026	Personal Car Mileage			Out-of-Pocket	$24.32	SGV/CSDA Chapter	Carlos Goytia

				Meeting	
07/20/2026	Personal Car Mileage	Out-of-Pocket	$3.04	Pomona City Council Meeting	Carlos Goytia
07/16/2026	Personal Car Mileage	Out-of-Pocket	$6.08	Pomona Chamber Event	Carlos Goytia
07/15/2026	Personal Car Mileage	Out-of-Pocket	$24.32	3Valleys Directors Summer Tour	Carlos Goytia
07/14/2026	Personal Car Mileage	Out-of-Pocket	$2.28	Meeting w/CV Strategies	Carlos Goytia
07/11/2026	Personal Car Mileage	Out-of-Pocket	$85.12	Meeting w/Chairman David Trujillo	Carlos Goytia
07/09/2026	Personal Car Mileage	Out-of-Pocket	$2.28	Meeting w/ Director Marquez D6	Carlos Goytia
07/07/2026	Personal Car Mileage	Out-of-Pocket	$12.16	Pomona Community Up Event.	Carlos Goytia
07/06/2026	Personal Car Mileage	Out-of-Pocket	$15.96	TVMWD Executive Board Committee Meeting	Carlos Goytia

Report Total :	$2,955.20
Personal Expenses :	$0.00
Total Amount Claimed :	$2,955.20
Amount Approved :	$2,955.20
Company Disbursements	
Amount Due Employee :	$2,955.20
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,955.20
Employee Disbursements	
Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Kuhn July 2026

Employee Name : Bob Kuhn
Employee ID : 305

Report Header

Report ID : E8572EA2C17A4918B156
Receipts Received : No
Report Date : 07/31/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/29/2026	Meetings		Glendora	Out-of-Pocket	$275.00	Glendora Mayors Meeting	Bob Kuhn
	Comment :	Bob Kuhn (08/10/2026): Met with the former mayors of Glendora to provide an update on water conditions in the San Gabriel Valley. Transportation issues in the valley were also discussed.					
07/15/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Special TVMWD Board Meeting & Tour	Bob Kuhn
	Comment :	Bob Kuhn (08/10/2026): The TVMWD held a special board meeting followed by a district facilities tour.					
07/07/2026	Meetings		Glendora	Out-of-Pocket	$275.00	Meeting with General	Bob

						Manager	Kuhn
	Comment :	Bob Kuhn (08/10/2026): Remotely discussed CBWM with the general manager for an upcoming meeting.					
07/03/2026	Meetings		Glendora	Out-of-Pocket	$275.00	GM Meeting	Bob Kuhn
	Comment :	Bob Kuhn (08/10/2026): Met remotely with the general manager and Director De Jesus to discuss MWD and CBWM.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/15/2026	Personal Car Mileage			Out-of-Pocket	$15.20	TVMWD Special Meeting & Tour	Bob Kuhn

Report Total :	$1,115.20
Personal Expenses :	$0.00
Total Amount Claimed :	$1,115.20
Amount Approved :	$1,115.20

Company Disbursements

Amount Due Employee :	$1,115.20
Amount Due Company Card :	$0.00
Total Paid By Company :	$1,115.20

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Marquez July 2026

Employee Name : Jorge Marquez
Employee ID : 320

Report Header

Report ID : FD41D40117DA4D34B362
Receipts Received : No
Report Date : 07/23/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/30/2026	Meetings		Pomona	Out-of-Pocket	$275.00	California Water Boards	Jorge Marquez
	Comment :	Jorge Marquez (08/07/2026): Meeting on Water Quality Fees Stakeholder Meeting with the CalEPA virtual site.					
07/29/2026	Meetings		Pomona	Out-of-Pocket	$275.00	State Water Resources Board Meeting	Jorge Marquez
	Comment :	Jorge Marquez (08/07/2026): Public Staff Workshop on the MS4 Permit discussion on changes made in response to public comments on the draft small MS4 Permit. Virtual on CalEPA					
07/28/2026	Meetings		Pomona	Out-of-Pocket	$275.00	MET Meeting	Jorge Marquez
	Comment :	Jorge Marquez (08/07/2026): Meeting on virtual of the SUBCOMMITTEE on IMPORTED WATER with the Metropolitan Water District.					

07/23/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Chino Basin Meeting	Jorge Marquez
	Comment :	Jorge Marquez (07/23/2026): Regular Meeting of the Chino Basin Watermaster Virtual with BOD: Kuhn and TVMWD Staff (S. Lee)					
07/22/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Six Basins Watermaster	Jorge Marquez
	Comment :	Jorge Marquez (07/23/2026): Six Basin Regular Meeting as Alt.					
07/15/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Meeting	Jorge Marquez
	Comment :	Jorge Marquez (07/23/2026): Three Valleys Meeting and Facilities Tour					
07/14/2026	Meetings		Los Angeles	Out-of-Pocket	$275.00	NALEO Conference 2026	Jorge Marquez
	Comment :	Jorge Marquez (07/23/2026): Met with various elected officials to network and talk water policy in So. Cal but other parts of the country during afternoon session.					
07/13/2026	Meetings		Pomona	Out-of-Pocket	$275.00	SGV Chamber	Jorge Marquez
	Comment :	Jorge Marquez (07/23/2026): No meeting with full board of GAC committee but meet with couple met couple member to give general updates.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/22/2026	Personal Car Mileage			Out-of-Pocket	$3.80	Six Basins Watermaster	Jorge Marquez
07/15/2026	Personal Car Mileage			Out-of-Pocket	$13.68	TVMWD Meeting	Jorge Marquez
07/14/2026	Personal Car Mileage			Out-of-Pocket	$22.04	NALEO 2026	Jorge Marquez

Report Total :	$2,239.52
Personal Expenses :	$0.00
Total Amount Claimed :	$2,239.52
Amount Approved :	$2,239.52

Company Disbursements

Amount Due Employee :	$2,239.52
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,239.52

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : July 2026 Roberto

Employee Name : Jody Roberto
Employee ID : 316

Report Header

Report ID : FA93F7CA226242899832
Receipts Received : No
Report Date : 07/08/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/27/2026	Meetings		Claremont	Out-of-Pocket	$275.00	SDASGV Chapter Meeting	Jody Roberto
	Comment :	Jody Roberto (08/06/2026): SDASGV held our chapter luncheon at 3V where Senator Archuleta was our keynote speaker. A highlight was recognizing Kirk's contribution to the formation of the SDA San Gabriel Valley chapter.					
07/23/2026	Meetings		San Dimas	Out-of-Pocket	$275.00	SCUWA Luncheon	Jody Roberto
	Comment :	Jody Roberto (08/06/2026): Kirk and I attended the monthly luncheon for SCUWA. The speaker was Frank Ury who shared Cyber Security info and offered his company's services.					
07/23/2026	Meetings		Diamond Bar	Out-of-Pocket	$0.00	SDASGV Board Meeting	Jody Roberto

	Comment :	Jody Roberto (08/06/2026): The board met to discuss final details for the upcoming chapter meeting on July 27.					
07/23/2026	Meetings		Pomona	Out-of-Pocket	$0.00	Pomona Chamber Mixer	Jody Roberto
	Comment :	Jody Roberto (08/06/2026): The Pomona Chamber held a mixer at the Doubletree Hotel in Pomona where I was able to visit with many local community members.					
07/15/2026	Meetings		Claremont	Out-of-Pocket	$275.00	3V Board Meeting and Summer Facilities tour	Jody Roberto
	Comment :	Jody Roberto (08/06/2026): The board approved district business at a quick board meeting before heading out to tour the plant and other district facilities.					
07/14/2026	Meetings		Rowland Heights	Out-of-Pocket	$275.00	Rowland Water District Board Meeting	Jody Roberto
	Comment :	Jody Roberto (08/06/2026): Mike, Kirk and I attended the board meeting where they discussed and approved district business.					
07/06/2026	Meetings		Diamond Bar	Out-of-Pocket	$275.00	Spadra Basin Executive Meeting	Jody Roberto
	Comment :	Jody Roberto (07/08/2026): The board discussed and approved Spadra Basin business.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/27/2026	Personal Car Mileage			Out-of-Pocket	$28.88	SDASGV Chapter Meeting	Jody Roberto
07/23/2026	Personal Car Mileage			Out-of-Pocket	$8.36	Pomona Chamber Mixer	Jody Roberto
07/23/2026	Personal Car Mileage			Out-of-Pocket	$21.28	SCUWA Luncheon	Jody Roberto
07/15/2026	Personal Car Mileage			Out-of-Pocket	$28.88	3V Board Meeting and Summer Facilities tour	Jody Roberto
07/14/2026	Personal Car Mileage			Out-of-Pocket	$11.40	Rowland Water District Board Meeting	Jody Roberto

Report Total :	$1,473.80
Personal Expenses :	$275.00
Total Amount Claimed :	$1,198.80
Amount Approved :	$1,198.80

Company Disbursements

Amount Due Employee :	$1,198.80
Amount Due Company Card :	$0.00
Total Paid By Company :	$1,198.80

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Mike Ti July 2026

Employee Name : Mike Ti
Employee ID : 318

Report Header

Report ID : 87B45466919B458D9930
Receipts Received : No
Report Date : 07/08/2026
Approval Status : Submitted & Pending Approval
Payment Status : Not Paid
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/31/2026	Meetings		Northridge	Out-of-Pocket	$275.00	SCWC Quarterly Luncheon	Mike Ti
	Comment :	Mike Ti (08/05/2026): SCWC Quarterly Luncheon - David and I carpooled to the luncheon, panelists talked about AI, data centers, and water.					
07/27/2026	Meetings		Claremont	Out-of-Pocket	$275.00	CSDA San Gabriel Valley Chapter Luncheon	Mike Ti
	Comment :	Mike Ti (08/04/2026): CSDA San Gabriel Valley Chapter Luncheon - networking, guest Senator Archuleta spoke about the importance of local governance.					
07/20/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Walnut Valley WD Regular	Mike Ti

						Board Meeting	
	Comment :	Mike Ti (08/04/2026): Walnut Valley WD Regular Board Meeting - the board appointed Michael Lin to fill the vacancy for Division V; heard staff recognition and department reports.					
07/15/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Three Valleys MWD Special Board Meeting	Mike Ti
	Comment :	Mike Ti (08/04/2026): Three Valleys MWD Special Board Meeting - approved resolution for tax sharing exchange for the county sanitation district annexation and contract award for residuals management.					
07/14/2026	Meetings		Rowland Heights	Out-of-Pocket	$275.00	Rowland Water District Regular Board Meeting	Mike Ti
	Comment :	Mike Ti (08/04/2026): Rowland Water District Regular Board Meeting - heard presentation of the amendment of the district's personal rules and regulations, parade sponsorship, and department reports.					
07/08/2026	Meetings		West Covina	Out-of-Pocket	$275.00	MWD Matters	Mike Ti
	Comment :	Mike Ti (07/08/2026): MWD Matters - David, Matt, Erika, and I met online to discuss MWD issues.					
07/06/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Monthly GM Executive Meeting	Mike Ti
	Comment :	Mike Ti (07/08/2026): Monthly GM Executive Meeting - Matt, David, Carlos, and I met during lunch to discuss upcoming board agenda and district business.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
07/31/2026	Personal Car Mileage			Out-of-Pocket	$78.28	SCWC Quarterly Luncheon	Mike Ti
07/27/2026	Personal Car Mileage			Out-of-Pocket	$31.16	CSDA San Gabriel Valley Chapter Luncheon	Mike Ti
07/20/2026	Personal Car Mileage			Out-of-Pocket	$7.60	Walnut Valley WD Regular Board Meeting	Mike Ti
07/15/2026	Personal Car Mileage			Out-of-Pocket	$31.16	Three Valleys MWD Special Board Meeting	Mike Ti
07/14/2026	Personal Car Mileage			Out-of-Pocket	$9.12	Rowland Water District Regular Board Meeting	Mike Ti
07/06/2026	Personal Car Mileage			Out-of-Pocket	$23.56	Monthly GM Executive Meeting	Mike Ti

Report Total :	$2,105.88
Personal Expenses :	$0.00
Total Amount Claimed :	$2,105.88
Amount Approved :	$2,105.88

Company Disbursements

Amount Due Employee :	$2,105.88
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,105.88

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Aug TVMWD 2026

Employee Name : David De Jesus
Employee ID : 303

Report Header

Report ID : CF78650153284445BE6F
Receipts Received : Yes
Report Date : 08/01/2026
Approval Status : Approved
Payment Status : Processing Payment
Currency : US, Dollar

Business Meals (Attendees)

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/28/2026	Business Meals (Attendees)			Out-of-Pocket	$64.00	Meeting with Board President	David De Jesus
	Comment :	David De Jesus (08/29/2026): Total including tip of $7.70 (13.68%) as charged was $64.00					
	Attendees :	Bob Kuhn, Employee David De Jesus, Employee Mike Ti, Employee					

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/28/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Meeting with the Board President	David De Jesus

	Comment :	David De Jesus (08/27/2026): Meeting was called to address and update the Board President prior to the board meeting on matters related to the district.					
08/27/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Chino Basin WaterMaster Meeting	David De Jesus
	Comment :	David De Jesus (08/27/2026): Upon my return from the CSDA Conference I was able to attend the board meeting via Zoom as the voting alternate to the district. Staff updates were provided and a closed session was called on current matters with litigation potential. Board Member Kuhn will report on details where appropriate.					
08/26/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Conference	David De Jesus
	Comment :	David De Jesus (08/27/2026): Attended the luncheon where all were provided with a comprehensive review of legislative matters with potential impacts to Special Districts.					
08/24/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Annual Conference	David De Jesus
	Comment :	David De Jesus (08/27/2026): Registration, check-in and attended the Chapter Leaders Meeting with Dir Roberto and CSDA legend, Mr. Howie also in attendance.					
08/20/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Chino Basin Advisory Committee Meeting	David De Jesus
	Comment :	David De Jesus (08/15/2026): Attended the committee where staff advise the group of the details outlining the announcement of a New Judge to oversee Chino Basin Matters.					
08/19/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Meeting at the District HQ	David De Jesus
	Comment :	David De Jesus (08/15/2026): Meetings were held at the district to hear a presentation from the district benefits administrator and meet and greet the new districts legislative hirer.					
08/10/2026	Meetings		Claremont	Out-of-Pocket	$275.00	TVMWD Executive Committee Meeting	David De Jesus
	Comment :	David De Jesus (08/05/2026): Met with the President, the Vice President, and the GM to discuss TVMWD matters.					
08/07/2026	Meetings		Glendora	Out-of-Pocket	$275.00	Meeting with GM and Dir Kuhn	David De Jesus
	Comment :	David De Jesus (08/05/2026): Discussion included the public hearing held last week and the next steps as it relates to the Chino Basin activities.					
08/05/2026	Meetings		Walnut	Out-of-Pocket	$275.00	MWD Matters Meeting	David De Jesus
	Comment :	David De Jesus (08/05/2026): Met with GM and staff along with the President of the board to discuss issues related to MWD and TVMWD					
08/04/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Special CBWM Public Hearing on Safe Yield	David De Jesus

Comment : David De Jesus (08/05/2026): Board members and attendees heard a staff report on the safe year validation study recommending that it be lowered to 121,200AF. The compromise proposal altered the start date from July 1, 2025 to July 1, 2026. The voted and approved the amount and compromised date. The decision will be submitted to the courts for adoption.

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/28/2026	Personal Car Mileage			Out-of-Pocket	$7.60	Meeting with Board President Ti and Dir Kuhn	David De Jesus
08/27/2026	Personal Car Mileage			Out-of-Pocket	$152.00	CSDA Annual Conference	David De Jesus
08/19/2026	Personal Car Mileage			Out-of-Pocket	$28.88	Meeting at the District HQ	David De Jesus
08/10/2026	Personal Car Mileage			Out-of-Pocket	$15.20	TVMWD Executive Committee Meeting	David De Jesus
08/07/2026	Personal Car Mileage			Out-of-Pocket	$12.92	Meeting with GM and Dir Kuhn	David De Jesus

Report Total :	$3,030.60
Personal Expenses :	$0.00
Total Amount Claimed :	$3,030.60
Amount Approved :	$3,030.60

Company Disbursements

Amount Due Employee :	$3,030.60
Amount Due Company Card :	$0.00
Total Paid By Company :	$3,030.60

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Aug MWD 2026

Employee Name : David De Jesus

Employee ID : 303

Report Header

Report ID : 80C5787BED2D4746B439

Receipts Received : No

Report Date : 08/01/2026

Approval Status : Approved

Payment Status : Processing Payment

Currency : US, Dollar

Meetings (MWD Representative)

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/25/2026	Meetings (MWD Representative)		Palm Desert	Out-of-Pocket	$275.00	MWD Special Committee Meetings	David De Jesus
	Comment :	David De Jesus (08/15/2026): Attended the special committees as assigned and provided feedback on the issues discussed.					
08/21/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	Meeting with the Auditor	David De Jesus
	Comment :	David De Jesus (08/15/2026): Meeting was held as part of the ongoing effort to provide the auditor with a director's perspective on matters and issues pertaining to the audit department goals and objectives.					
08/18/2026	Meetings (MWD Representative)		Glendora	Out-of-Pocket	$275.00	MWD Board Meeting	David De

	Comment :	David De Jesus (08/15/2026): Represented the district and voting on a number of issues as assigned. Oral report to the board on pertinent issues will be provided in September.					
08/17/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	August Committee Meetings	David De Jesus
	Comment :	David De Jesus (08/15/2026): Attended via Zoom the committee meetings throughout the day.					
08/14/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	Ad-hoc CRA Committee Meeting	David De Jesus
	Comment :	David De Jesus (08/15/2026): Meeting was called by the Chairman and GM to discuss staffs proposed strategic approach to the CRA negotiations.					
08/13/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	Northern Caucus Group Meeting	David De Jesus
	Comment :	David De Jesus (08/15/2026): Meeting with other MWD members agencies to discuss matters impacting our respective agencies to come before the MWD Board this month.					
08/12/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	San Gabriel Directors Meeting	David De Jesus
	Comment :	David De Jesus (08/15/2026): Meeting of the SGD to discuss upcoming MWD issues including the Chairperson candidates known and election of same in October.					
08/11/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	Update regarding CEC/CAC matters	David De Jesus
	Comment :	David De Jesus (08/15/2026): Discussion with MWD staff Jason Rollo on the status of the concerns generated by third parties. The decision was made to suspend any further activities until the matter could resolved by both the MWD and PVID attorneys.					
08/06/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	MWD Security Update	David De Jesus
	Comment :	David De Jesus (08/15/2026): Meeting was held with MWD staff to discuss MWD security issues both at the desert facilities as well as HQ. Also, information was provided re: the status of the approved (budgeted) capital improvement radio replacement program.					
08/03/2026	Meetings (MWD Representative)		Walnut	Out-of-Pocket	$275.00	Ad Hoc Committee on Colorado River Negotiations	David De Jesus
	Comment :	David De Jesus (08/05/2026): Committee members were provided with updated information generated over the weekend that needed to be discussed.					

Report Total :	$2,750.00
Personal Expenses :	$0.00

Total Amount Claimed :	$2,750.00
Amount Approved :	$2,750.00

Company Disbursements

Amount Due Employee :	$2,750.00
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,750.00

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : August2026 DirectorGoytia.

Employee Name : Carlos Goytia
Employee ID : 314

Report Header

Report ID : AEBC5129CCEE43F2941F
Receipts Received : No
Report Date : 08/31/2026
Approval Status : Approved
Payment Status : Processing Payment
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/27/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Annual Conference	Carlos Goytia
	Comment :	Carlos Goytia (09/04/2026): Day 4 met with special district leaders for breakfast and wrap up.					
08/26/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Annual Conference	Carlos Goytia
	Comment :	Carlos Goytia (09/04/2026): Day 3 attended workshops and met with water district industry leaders and special district organizations.					
08/25/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Annual Conference	Carlos Goytia
	Comment :	Carlos Goytia (09/04/2026): Day 2 attended Conference workshops.					

08/24/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Annual Conference	Carlos Goytia
	Comment :	Carlos Goytia (09/04/2026): attended 4 day conference with GM and Staff. attended workshops and speakers series. Day 1.					
08/19/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Medicare Workshop at 3VMWD.	Carlos Goytia
	Comment :	Carlos Goytia (09/04/2026): attended and participated in workshop discussion on Medicare.					
08/12/2026	Meetings		Claremont	Out-of-Pocket	$275.00	SGVEP Board of Directors Meeting	Carlos Goytia
	Comment :	Carlos Goytia (09/04/2026): hosted the Board meeting for the SGVEP and participated in board deliberations and discussions.					
08/11/2026	Meetings		Pomona	Out-of-Pocket	$275.00	City of Pomona Water Resources Meeting	Carlos Goytia
	Comment :	Carlos Goytia (09/04/2026): met with Director Diggs, GM Litchfield and Director Marquez to discuss water related issues regarding the Chino Basin.					
08/10/2026	Meetings		Claremont	Out-of-Pocket	$275.00	3Valleys Executive Committee Meeting	Carlos Goytia
	Comment :	Carlos Goytia (09/04/2026): met with General Manager Litchfield to discuss board agenda and water related issues.					
08/05/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Cal Poly Pomona Meeting/Tour	Carlos Goytia
	Comment :	Carlos Goytia (09/04/2026): met with Dean Ethan Orr and Director Lisa Christy of Agriscapes to discuss collaborations in water education and food sovereignty gardening with Gabrielino tribal secretary Kimberely Morales Johnson.					
08/03/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Pomona City Council Meeting	Carlos Goytia
	Comment :	Carlos Goytia (08/06/2026): attended as 3VMWD Representative to the council.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/27/2026	Personal Car Mileage			Out-of-Pocket	$138.32	CSDA Annual Conference	Carlos Goytia
08/19/2026	Personal Car Mileage			Out-of-Pocket	$24.32	Medicare Workshop	Carlos Goytia
08/12/2026	Personal Car Mileage			Out-of-Pocket	$24.32	SGVEP Board of Directors Meeting	Carlos Goytia
08/11/2026	Personal Car Mileage			Out-of-Pocket	$6.08	City of Pomona Water Resources Meeting	Carlos Goytia
08/10/2026	Personal Car Mileage			Out-of-Pocket	$15.20	3Valleys Executive Committee Meeting	Carlos Goytia

08/05/2026	Personal Car Mileage	Out-of-Pocket	$5.32	Cal Poly Pomona Meeting/Tour	Carlos Goytia
08/03/2026	Personal Car Mileage	Out-of-Pocket	$6.08	Pomona City Council Meeting	Carlos Goytia

Report Total :	$2,969.64
Personal Expenses :	$0.00
Total Amount Claimed :	$2,969.64
Amount Approved :	$2,969.64

Company Disbursements

Amount Due Employee :	$2,969.64
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,969.64

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : August 2026 Kuhn

Employee Name : Bob Kuhn
Employee ID : 305

Report Header

Report ID : E22ACE9DFC9B49E68DC1
Receipts Received : No
Report Date : 08/31/2026
Approval Status : Approved
Payment Status : Processing Payment
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/27/2026	Meetings		Rancho Cucamonga	Out-of-Pocket	$275.00	CBWM 101	Bob Kuhn
	Comment :	Nadia Aguirre (09/02/2026): Participated in the CBWM 101 at the district office.					
08/19/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Three Valleys Special Workshop	Bob Kuhn
	Comment :	Nadia Aguirre (09/02/2026): Attended the special meeting where the medicare process was discussed.					
08/12/2026	Meetings		Claremont	Out-of-Pocket	$275.00	SGV Economic Partnership Board Meeting	Bob Kuhn
	Comment :	Nadia Aguirre (09/02/2026): Attended the SGVEP board meeting held at Three Valleys office.					

08/07/2026	Meetings		Glendora	Out-of-Pocket	$275.00	GM Meeting	Bob Kuhn

Comment : Nadia Aguirre (09/02/2026): Met with General Manager Litchfield and Director De Jesus to discuss CBWM and MWD

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/27/2026	Personal Car Mileage			Out-of-Pocket	$25.84	CBWM 101	Bob Kuhn
08/19/2026	Personal Car Mileage			Out-of-Pocket	$15.20	Three Valleys Special Workshop	Bob Kuhn
08/12/2026	Personal Car Mileage			Out-of-Pocket	$15.20	SGVEP Board Meeting	Bob Kuhn

Report Total :	$1,156.24
Personal Expenses :	$0.00
Total Amount Claimed :	$1,156.24
Amount Approved :	$1,156.24

Company Disbursements

Amount Due Employee :	$1,156.24
Amount Due Company Card :	$0.00
Total Paid By Company :	$1,156.24

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Marquez August 2026

Employee Name : Jorge Marquez

Employee ID : 320

Report Header

Report ID : 10CAA06E997A41DA9F4F

Receipts Received : No

Report Date : 08/07/2026

Approval Status : Approved

Payment Status : Processing Payment

Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/27/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Chino Basin Meeting	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Regular Meeting of Chino Basin Water Master (online)					
08/26/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Six Basins Watermaster	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Regular Meeting of Six Basins (Covering for Director Roberto)					
08/24/2026	Meetings		Monrovia	Out-of-Pocket	$275.00	Upper San Gabriel Valley MWD	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Meeting with Director Santana speaking on golden mussel, water management, weather changes in the area during the winter and other water related issues.					

08/20/2026	Meetings		San Dimas	Out-of-Pocket	$275.00	TVMWD Meeting	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Meeting with new Government Affairs Staff member, with TVMWD staff and Directors Roberto and Kuhn					
08/18/2026	Meetings		Covina	Out-of-Pocket	$275.00	MWD Meeting	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Regular MWD Meeting Virtual					
08/17/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Metropolitan Water District Committee	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Regular meeting for Legislative Committee for MWD virtually.					
08/13/2026	Meetings		Pomona	Out-of-Pocket	$275.00	WELL - Intro New Staff	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Meeting with new legislative civil engagement staff member for WELL.					
08/12/2026	Meetings		Azusa	Out-of-Pocket	$275.00	MSGBW Meeting	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Regular Management Committee Meeting (Watermaster)					
08/11/2026	Meetings		Pomona	Out-of-Pocket	$275.00	City of Pomona	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Meeting with City of Pomona (Chris Diggs and GM and TVMWD VP)					
08/05/2026	Meetings		Azusa	Out-of-Pocket	$275.00	MSGBW Meeting	Jorge Marquez
	Comment :	Jorge Marquez (09/05/2026): Regular Meeting of Watermaster. GM was present with me.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/24/2026	Personal Car Mileage			Out-of-Pocket	$25.84	Upper San Gabriel Valley MWD	Jorge Marquez
08/20/2026	Personal Car Mileage			Out-of-Pocket	$11.40	TVMWD Meeting	Jorge Marquez
08/12/2026	Personal Car Mileage			Out-of-Pocket	$8.36	MSGBWM (Watermaster)	Jorge Marquez
08/05/2026	Personal Car Mileage			Out-of-Pocket	$17.48	MSGBWM (Watermaster)	Jorge Marquez

Report Total :	$2,813.08
Personal Expenses :	$0.00
Total Amount Claimed :	$2,813.08
Amount Approved :	$2,813.08

Company Disbursements

Amount Due Employee :	$2,813.08

Amount Due Company Card :	$0.00
Total Paid By Company :	$2,813.08

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : August 2026 Roberto

Employee Name : Jody Roberto
Employee ID : 316

Report Header

Report ID : A915B392633843298FD5
Receipts Received : No
Report Date : 08/09/2026
Approval Status : Approved
Payment Status : Processing Payment
Currency : US, Dollar

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/27/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Conference	Jody Roberto
	Comment :	Jody Roberto (08/28/2026): Last day of CSDA conference.					
08/26/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Conference	Jody Roberto
	Comment :	Jody Roberto (08/28/2026): Attended sessions and networked with other agencies.					
08/25/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Conference	Jody Roberto
	Comment :	Jody Roberto (08/28/2026): 2nd day of conference where I was able to meet with other special district representatives.					
08/24/2026	Meetings		Palm Desert	Out-of-Pocket	$275.00	CSDA Conference	Jody Roberto

	Comment :	Jody Roberto (08/28/2026): Kirk joined me for the Chapter Leaders meeting at the CSDA conference.					
08/22/2026	Meetings		Pomona	Out-of-Pocket	$275.00	Supervisor Solis Reception	Jody Roberto
	Comment :	Jody Roberto (09/09/2026): Joined local community leaders at a reception for Supervisor Solis.					
08/20/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Manager's lunch	Jody Roberto
	Comment :	Jody Roberto (09/09/2026): Matt, Mike and I joined the GM's and AGM's of Rowland and Walnut Water districts for our monthly lunch where we discussed business pertaining to our agencies.					
08/20/2026	Meetings		San Dimas	Out-of-Pocket	$0.00	Breakfast with new Gov Affairs Manager	Jody Roberto
	Comment :	Jody Roberto (09/09/2026): Introduction meeting with Debbie Rose, new Government Affairs Manager.					
08/19/2026	Meetings		Diamond Bar	Out-of-Pocket	$275.00	WQA Board Meeting	Jody Roberto
	Comment :	Jody Roberto (09/09/2026): The board discussed and approved district business. Staff provided reports.					
08/17/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Walnut Valley Water District Board Meeting	Jody Roberto
	Comment :	Jody Roberto (08/19/2026): Mike, Matt and I attended the meeting. District business was discussed and approved.					
08/11/2026	Meetings		Rowland Heights	Out-of-Pocket	$275.00	Rowland Water District Board Meeting	Jody Roberto
	Comment :	Jody Roberto (08/19/2026): Mike, Sylvie and I attended the board meeting where they discussed and approved district business.					
08/10/2026	Meetings		Diamond Bar	Out-of-Pocket	$275.00	SGV Regional Chamber Gov Affairs Meeting	Jody Roberto
	Comment :	Jody Roberto (09/09/2026): Reports were provided by legislative representatives as well as from Chamber CEO and Committee Chair.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/24/2026	Personal Car Mileage			Out-of-Pocket	$145.92	CSDA Conference	Jody Roberto
08/22/2026	Personal Car Mileage			Out-of-Pocket	$8.36	Supervisor Solis Reception	Jody Roberto
08/20/2026	Personal Car Mileage			Out-of-Pocket	$19.76	Manager's lunch	Jody Roberto
08/20/2026	Personal Car Mileage			Out-of-Pocket	$19.00	Breakfast with new Gov Affairs Manager	Jody Roberto
08/17/2026	Personal Car Mileage			Out-of-Pocket	$7.60	Walnut Valley Water District Board Meeting	Jody Roberto

08/11/2026	Personal Car Mileage	Out-of-Pocket	$11.40	Rowland Water District Board Meeting	Jody Roberto

Report Total :	$2,962.04
Personal Expenses :	$0.00
Total Amount Claimed :	$2,962.04
Amount Approved :	$2,962.04

Company Disbursements

Amount Due Employee :	$2,962.04
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,962.04

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

Expense Report

Report Name : Mike Ti August 2026

Employee Name : Mike Ti

Employee ID : 318

Report Header

Report ID : F9E73068125541128F25

Receipts Received : No

Report Date : 09/08/2026

Approval Status : Approved

Payment Status : Processing Payment

Currency : US, Dollar

Comment : Marissa Turner (09/08/2026): Please update the 501 W 1st St address to the 500 listed address on the meeting notification, thank you.

Meetings

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/28/2026	Meetings		Covina	Out-of-Pocket	$275.00	Meeting with TVMWD Board President	Mike Ti
	Comment :	Mike Ti (09/08/2026): Meeting with TVMWD Board President - Bob, David, and I met during breakfast to Chino Basin and other district business.					
08/26/2026	Meetings		West Covina	Out-of-Pocket	$275.00	Six Basin Watermaster Meeting	Mike Ti
	Comment :	Mike Ti (09/08/2026): Six Basin Watermaster Meeting - heard presentation on draft ops plan update, Prop 4 watershed					

		resilience implementation.					
08/20/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Monthly Meeting with RWD and WVWD GMs	Mike Ti
	Comment :	Mike Ti (09/08/2026): Monthly Meeting with RWD and WVWD GMs - Matt, Gabby, Jared, Dusty, Jody, and I met during lunch to discuss interagency cooperation and district's business.					
08/19/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Three Valleys MWD Special Board Meeting	Mike Ti
	Comment :	Mike Ti (09/08/2026): Three Valleys MWD Special Board Meeting - heard presentation on Medicare for CalPERS retirees.					
08/17/2026	Meetings		Walnut	Out-of-Pocket	$275.00	Walnut Valley WD Regular Board Meeting	Mike Ti
	Comment :	Mike Ti (09/08/2026): Walnut Valley WD Regular Board Meeting - heard staff recognition, investment reports, and committee reports.					
08/11/2026	Meetings		Rowland Heights	Out-of-Pocket	$275.00	Rowland Water District Regular Board Meeting	Mike Ti
	Comment :	Mike Ti (09/08/2026): Rowland Water District Regular Board Meeting - heard discussion on mileage reimbursement rate, declaration of surplus water, and committee reports.					
08/10/2026	Meetings		Claremont	Out-of-Pocket	$275.00	Monthly GM Executive Meeting	Mike Ti
	Comment :	Mike Ti (09/08/2026): Monthly GM Executive Meeting - David, Carlos, Matt, and I met during lunch to discuss the upcoming agenda items and the district business.					
08/05/2026	Meetings		West Covina	Out-of-Pocket	$275.00	Monthly MWD Matters	Mike Ti
	Comment :	Mike Ti (09/08/2026): Monthly MWD Matters - David, Matt, Sylie, Erika, and I met online to discuss MWD issues including the Colorado River water cuts.					

Personal Car Mileage

Transaction Date	Expense Type	Vendor Description	City	Payment Type	Amount	Meeting Name	Cost Center
08/28/2026	Personal Car Mileage			Out-of-Pocket	$9.12	Meeting with TVMWD Board President	Mike Ti
08/20/2026	Personal Car Mileage			Out-of-Pocket	$21.28	Monthly Meeting with RWD and WVWD GMs	Mike Ti
08/19/2026	Personal Car Mileage			Out-of-Pocket	$31.16	Three Valleys MWD Special Board Meeting	Mike Ti
08/17/2026	Personal Car Mileage			Out-of-Pocket	$7.60	Walnut Valley WD Regular Board Meeting	Mike Ti
08/11/2026	Personal Car Mileage			Out-of-Pocket	$9.12	Rowland Water District Regular Board Meeting	Mike Ti
08/10/2026	Personal Car Mileage			Out-of-Pocket	$21.28	Monthly GM Executive Meeting	Mike Ti

Report Total :	$2,299.56
Personal Expenses :	$0.00
Total Amount Claimed :	$2,299.56
Amount Approved :	$2,299.56

Company Disbursements

Amount Due Employee :	$2,299.56
Amount Due Company Card :	$0.00
Total Paid By Company :	$2,299.56

Employee Disbursements

Amount Due Company Card From Employee :	$0.00
Total Paid By Employee :	$0.00

THREE VALLEYS
MUNICIPAL WATER DISTRICT

BOARD ACTION

BOARD OF DIRECTORS
STAFF REPORT

To:	TVMWD Board of Directors
From:	Matthew H. Litchfield, General Manager
Date:	September 16, 2026
Subject:	Approval of Contract Compliance Review Policy Update

Staff Recommendation
Staff recommends that the Board of Directors approve the modifications made to the Contract Compliance Review (CCR) Policy.

Background
The Board of Directors adopted the CCR Policy in April 2021. The policy requires a review of the District's long-term institutional contracts and agreements every five years to ensure they remain valid, enforceable and consistent with current business practices.

Discussion
Staff recently completed the CCR, which included updating the agreements matrix, organizing the District's institutional agreement repository, and evaluating the existing policy. As a result of the review, staff determined that the policy should be clarified to better reflect its original intent by applying only to long-term institutional agreements. Routine professional services, public works, and other vendor contracts will continue to be administered and maintained by the responsible departments under existing contract management practices.

Fiscal Impact
None

Environmental Impact
None

Strategic Plan Objective(s)

2.2 – Accountability
3.5 – Data Quality

Attachment(s)

Exhibit A – Contract Compliance Review Policy

Meeting History

None

NA/ML

THREE VALLEYS MUNICIPAL WATER DISTRICT	POLICY TITLE Contract Compliance Review Policy	APPROVAL DATE September 16, 2026	Page 1 of 2

SECTION 1: Purpose of policy

The Three Valleys Municipal Water District ("TVMWD") has either entered into or will consistently enter into multiple long-term institutional contracts due to the long-term nature of various water supply, wheeling, and/or delivery contracts. Contracts of this type can be long term in nature and can have terms of five (5) years to fifty (50) or more years, depending on the nature and purpose of the contractual arrangement with other parties. Routine contracts for professional services, public works contracts and other vendor services are excluded from this policy and are expected to be managed at the department level. This document will set forth the policy of conducting periodic contract compliance reviews ("CCR"), for contracts that have terms of five (5) years or more.

SECTION 2: Scope

This Contract Compliance Review Policy applies to the TVMWD contracts or agreements stated in Section 1 that have terms that equal or exceed 5 years. All contracts of this nature will undergo CCR's at a minimum of five (5) year intervals. This will ensure the contracts are, at a minimum, valid, and enforceable in an ever-changing water industry landscape and current business practices as adopted by the Board of Directors.

SECTION 3: Application of policy

A. This policy shall apply to all executed instruments including Agreements, Contracts, Memorandums of Understanding, Memorandums of Agreement, or any other instruments that are legally binding on TVMWD (hereinafter referred to as ("Agreements") with terms that equal or exceed five (5) years.

B. All CCR's will be scheduled and tracked by the Executive Board Secretary.

C. All CCR's shall be conducted internally by appropriate staff members selected by the General Manager.

D. All Agreements will be subject to a CCR simultaneously at a minimum of five (5) year intervals as directed by the General Manager.

E. The CCR will be conducted to ensure that the purpose, intent, terms, and conditions of each Agreement is still valid, enforceable and in effect at the time of the CCR.

F. The CCR shall be conducted to ensure that the Agreements conform to current TVMWD business practices and principals.

G. A CCR Summary Report shall be prepared and submitted to the General Manager for review and approval.

H. The CCR Summary Report shall contain for each Agreement, at a minimum, general conclusions to the relevancy and validity of the original terms and conditions, purpose and intent as well as any required changes that are recommended by staff.

I. The CCR Summary Report will be presented to the Board of Directors with staff recommendations for Agreement changes or terminations. If no changes or terminations are recommended, the Board will be notified as an informational item only at a regularly scheduled board meeting.

THREE VALLEYS MUNICIPAL WATER DISTRICT

BOARD ACTION

BOARD OF DIRECTORS
STAFF REPORT

To: TVMWD Board of Directors

From: Matthew H. Litchfield, General Manager

Date: September 16, 2026

Subject: Approve Resolution No. 26-09-1032 Tax Sharing Exchange County Lighting Maintenance District 1687, Annexation L 108-2025

Staff Recommendation

Staff recommends that the Board of Directors approve Resolution No. 26-09-1032 signifying acceptance of the tax sharing exchange by County Lighting Maintenance District (CLMD) 1687, Annexation L 108-2025.

Alternative Action

The TVMWD Board may deny the request, upon which the CLMD will make this request to the Los Angeles County Board of Supervisors for final determination.

Discussion

The applicants for projects have requested annexation of their respective properties to CLMD 1687 to receive lighting services. The annexation process requires that a resolution for property tax revenue exchange be adopted by all the affected agencies prior to approval.

Listed below is a matrix and description for the pending tax sharing resolution that require Board approval:

Project Name	TVMWD Current Tax Share	Percent	Adjustments	TVMWD Net Share	Tax Rate Area
L-108-2025	0.004343104	0.4343%	-0.000092719	0.004250385	08347

Upon execution and receipt of the documents, fully conformed copies will be provided back to TVMWD.

Fiscal Impact
None

Environmental Impact
None

Strategic Plan Objective(s)
2.2 – Accountability

Attachment(s)
Exhibit A – Resolution No. 26-09-1032

Meeting History
None

NA/ML

RESOLUTION NO. 26-09-1032

**JOINT RESOLUTION OF
THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES,
THE BOARD OF DIRECTORS OF ROWLAND WATER DISTRICT,
THE BOARD OF DIRECTORS OF COUNTY SANITATION DISTRICT
NO. 21 OF LOS ANGELES COUNTY, AND THE BOARD OF DIRECTORS OF THREE
VALLEYS MUNICIPAL WATER DISTRICT APPROVING AND ACCEPTING THE
NEGOTIATED EXCHANGE OF
PROPERTY TAX REVENUES RESULTING FROM
ANNEXATION OF L 108-2025
TO COUNTY LIGHTING MAINTENANCE DISTRICT 1687**

WHEREAS, pursuant to Section 99.01 of the California Revenue and Taxation Code, prior to the effective date of any jurisdictional change that will result in a special district providing one or more services to an area where those services have not previously been provided by any local agency, the special district and each local agency that receives an apportionment of property tax revenue from the area must negotiate an exchange of property tax increment generated in the area subject to the jurisdictional change and attributable to those local agencies; and

WHEREAS, the Board of Supervisors of the County of Los Angeles, acting on behalf of the County Lighting Maintenance District (CLMD) 1687, Los Angeles County General Fund, Los Angeles Accumulative Capital Outlay Fund, Los Angeles County Public Library, Los Angeles County Road District 1, Consolidated Fire Protection District of Los Angeles County, Los Angeles County Flood Control Drainage Improvement Maintenance District, and Los Angeles County Flood Control District; the Board of Directors of County Sanitation District No. 21 of Los Angeles County, the Board of Directors of Rowland Water District, and the Board of Directors of Three Valleys Municipal Water District have determined that the amount of property tax revenue to be exchanged between their respective agencies as a result of the annexation proposal identified as L 108-2025 to CLMD 1687 is as shown on the attached Property Tax Transfer Resolution Worksheet.

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NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. The negotiated exchange of property tax revenues between CLMD 1687, Los Angeles County General Fund, Los Angeles Accumulative Capital Outlay Fund, Los Angeles County Public Library, Los Angeles County Road District 1, Consolidated Fire Protection District of Los Angeles County, Los Angeles County Flood Control Drainage Improvement Maintenance District, Los Angeles County Flood Control District, the Board of Directors of County Sanitation District No. 21 of Los Angeles County, the Board of Directors of Rowland Water District, and the Board of Directors of Three Valleys Municipal Water District resulting from the annexation of L 108-2025 to CLMD 1687 is approved and accepted.

2. For fiscal years commencing on or after July 1, 2027, or the July 1 after the effective date of this jurisdictional change, whichever is later, the property tax revenue increment generated from the area within L 108-2025, Tax Rate Area 08347, shall be allocated to the affected agencies as indicated on the Property Tax Transfer Resolution Worksheet.

3. No transfer of property tax revenues other than those specified in paragraph 2 shall be made as a result of the annexation of L 108-2025.

4. If at any time after the effective date of this resolution, the calculations used herein to determine initial property tax transfers or the data used to perform those calculations are found to be incorrect, thus, producing an improper or inaccurate property tax transfer, the property tax transfer shall be recalculated and the corrected transfer shall be implemented for the next fiscal year.

PASSED, APPROVED, AND ADOPTED this 16th day of September 20 26, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

THREE VALLEYS MUNICIPAL WATER DISTRICT

By_____
Chairperson, Board of Directors

ATTEST:

_____
Secretary
Date: 9-16-2026

ANNEXATION TO: CO LIGHTING MAINT DIST NO 1687
ACCOUNT NUMBER: 019.40
TRA: 08347
EFFECTIVE DATE: 07/01/2026
ANNEXATION NUMBER: L 108-2025 PROJECT NAME: L 108-2025

DISTRICT SHARE: 0.021348631

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
001.05	LOS ANGELES COUNTY GENERAL	0.343049390	34.3058 %	0.021348631	0.007323643	-0.007494381	0.335555009
001.20	L.A. COUNTY ACCUM CAP OUTLAY	0.000120021	0.0120 %	0.021348631	0.000002562	0.000000000	0.000120021
003.01	L A COUNTY LIBRARY	0.024895548	2.4895 %	0.021348631	0.000531485	-0.000531485	0.024364063
005.05	ROAD DIST # 1	0.006144291	0.6144 %	0.021348631	0.000131172	-0.000131172	0.006013119
007.30	CONSOL. FIRE PRO.DIST.OF L.A.CO.	0.184563892	18.4563 %	0.021348631	0.003940186	-0.003940186	0.180623706
007.31	L A C FIRE-FFW	0.007877632	0.7877 %	0.021348631	0.000168176	0.000000000	0.007877632
030.10	L.A.CO.FL.CON.DR.IMP.DIST.MAINT.	0.001876123	0.1876 %	0.021348631	0.000040052	-0.000040052	0.001836071
030.70	LA CO FLOOD CONTROL MAINT	0.010617415	1.0617 %	0.021348631	0.000226667	-0.000226667	0.010390748
066.80	CO SANIT DIST NO 21 OPERATING	0.013531334	1.3531 %	0.021348631	0.000288875	-0.000288875	0.013242459
300.70	ROWLAND WATER DISTRICT	0.005565421	0.5565 %	0.021348631	0.000118814	-0.000118814	0.005446607
365.15	THREE VY MWD ROWLAND AREA	0.004343104	0.4343 %	0.021348631	0.000092719	-0.000092719	0.004250385
400.00	EDUCATIONAL REV AUGMENTATION FD	0.068167130	6.8167 %	0.021348631	0.001455274	EXEMPT	0.068167130
400.01	EDUCATIONAL AUG FD IMPOUND	0.131877650	13.1877 %	0.021348631	0.002815407	EXEMPT	0.131877650
400.15	COUNTY SCHOOL SERVICES	0.001488634	0.1488 %	0.021348631	0.000031780	EXEMPT	0.001488634
400.21	CHILDREN'S INSTIL TUITION FUND	0.002954464	0.2954 %	0.021348631	0.000063073	EXEMPT	0.002954464
809.04	MT.SAN ANTONIO COMMUNITY COLLEGE	0.031886407	3.1886 %	0.021348631	0.000680731	EXEMPT	0.031886407
809.20	MT SAN ANTONIO CHILDRENS CTR FD	0.000307798	0.0307 %	0.021348631	0.000006571	EXEMPT	0.000307798
918.03	ROWLAND UNIFIED SCHOOL DISTRICT	0.152419449	15.2419 %	0.021348631	0.003253946	EXEMPT	0.152419449
918.06	CO.SCH.SERV.FD.-ROWLAND	0.007477510	0.7477 %	0.021348631	0.000159634	EXEMPT	0.007477510

ANNEXATION NUMBER: L 108-2025 PROJECT NAME: L 108-2025 TRA: 08347

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
918.07	DEV.CTR.HDCPD.MINOR-ROWLAND	0.000836787	0.0836 %	0.021348631	0.000017864	EXEMPT	0.000836787
***019.40	CO LIGHTING MAINT DIST NO 1687	0.000000000	0.0000 %	0.021348631	0.000000000	0.000000000	0.012864351
	TOTAL:	1.000000000	100.0000 %		0.021348631	-0.012864351	1.000000000

ACCOUNT#	TRA#	ANNEX#	ERROR MESSAGE

TOTAL EXCEPTION COUNT: 0

ACCOUNT#	TRA#	ANNEX#	ERROR MESSAGE

TOTAL EXCEPTION COUNT: 0

Mr. Mathew Litchfield
General Manager
Three Valleys Municipal Water District
1021 East Miramar Avenue
Claremont, CA 91711-2052

Attention Ms. Nadia Aguirre

Dear Mr. Litchfield:

NEGOTIATED TAX EXCHANGE RESOLUTION
ANNEXATION OF L 108-2025
TO COUNTY LIGHTING MAINTENANCE DISTRICT 1687

We request that the Three Valleys Municipal Water District participate in the exchange of ad valorem property tax in conjunction with the annexation of the territory known as L 108-2025 to County Lighting Maintenance District (CLMD) 1687. This proposed exchange would provide revenue to CLMD 1687 to partially fund the operation and maintenance of new street lighting services to be provided within the annexed territory. This territory, whose boundary is shown on the enclosed proposed annexation map, is being processed for the Board of Supervisors' concurrent approval of the annexation and transfer of ad valorem property tax between the affected taxing agencies and CLMD 1687.

For new annexations to a CLMD, our procedures require us to process the exchange of property tax revenues with all nonexempt taxing agencies. Under Section 99.01 of the California Revenue and Taxation Code, special districts providing new services to an area as a result of a jurisdictional change are entitled to a share of the annual tax increment generated in the area being annexed. CLMD 1687 meets the definition of a special district under Section 95(m) of the California Revenue and Taxation Code. CLMD 1687's share of the annual tax increment is to be taken from all of the other local taxing agencies providing services within the annexed area with the exception of school entities, which are exempted by law. If a taxing agency involved in the negotiation does not adopt a resolution providing for the exchange of property tax revenues, the Board can determine the exchange of property tax revenues for that taxing agency.

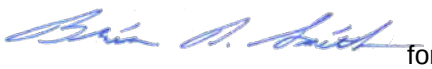
Enclosed is a Joint Resolution between Los Angeles County and Three Valleys Municipal Water District approving and accepting the negotiated exchange of property tax revenues resulting from the annexation of the subject territory to CLMD 1687. Attached to the Joint Resolution is a Property Tax Transfer Resolution Worksheet prepared for Tax Rate Area 08347 listing the share of the annual tax increment to be exchanged with the Three Valleys Municipal Water District, other affected taxing agencies, and CLMD 1687. The tax share ratio(s) listed on the worksheet were calculated using a formula approved by the County Auditor-Controller and County Counsel. As shown on the Property Tax Transfer Resolution Worksheet for L 108-2025, Tax Rate Area 08347, the current tax share ratio for Three Valleys Municipal Water District is 0.004343104. Out of Three Valleys Municipal Water District's tax share, Three Valleys Municipal Water District would allocate 0.000092719 to CLMD 1687, with a net share to Three Valleys Municipal Water District of 0.004250385. Monetarily speaking, a $10,000 increment in assessed valuation of a parcel means that the parcel will pay an additional $100 in property taxes, of which Three Valleys Municipal Water District would receive $0.4250 and CLMD 1687 would receive $0.0093.

Please have the resolution executed and returned to us by e-mail with an e-signature approval of the resolution to yfathalla@pw.lacounty.gov **by September 9, 2026**.

If you have any questions, please contact Ms. Yasmin Fathalla, Traffic Safety and Mobility Division, at (626) 300-4811 or yfathalla@pw.lacounty.gov.

Very truly yours,

MARK PESTRELLA, PE
Director of Public Works


for

ELAINE KUNITAKE
Assistant Deputy Director
Traffic Safety and Mobility Division

YF:bg
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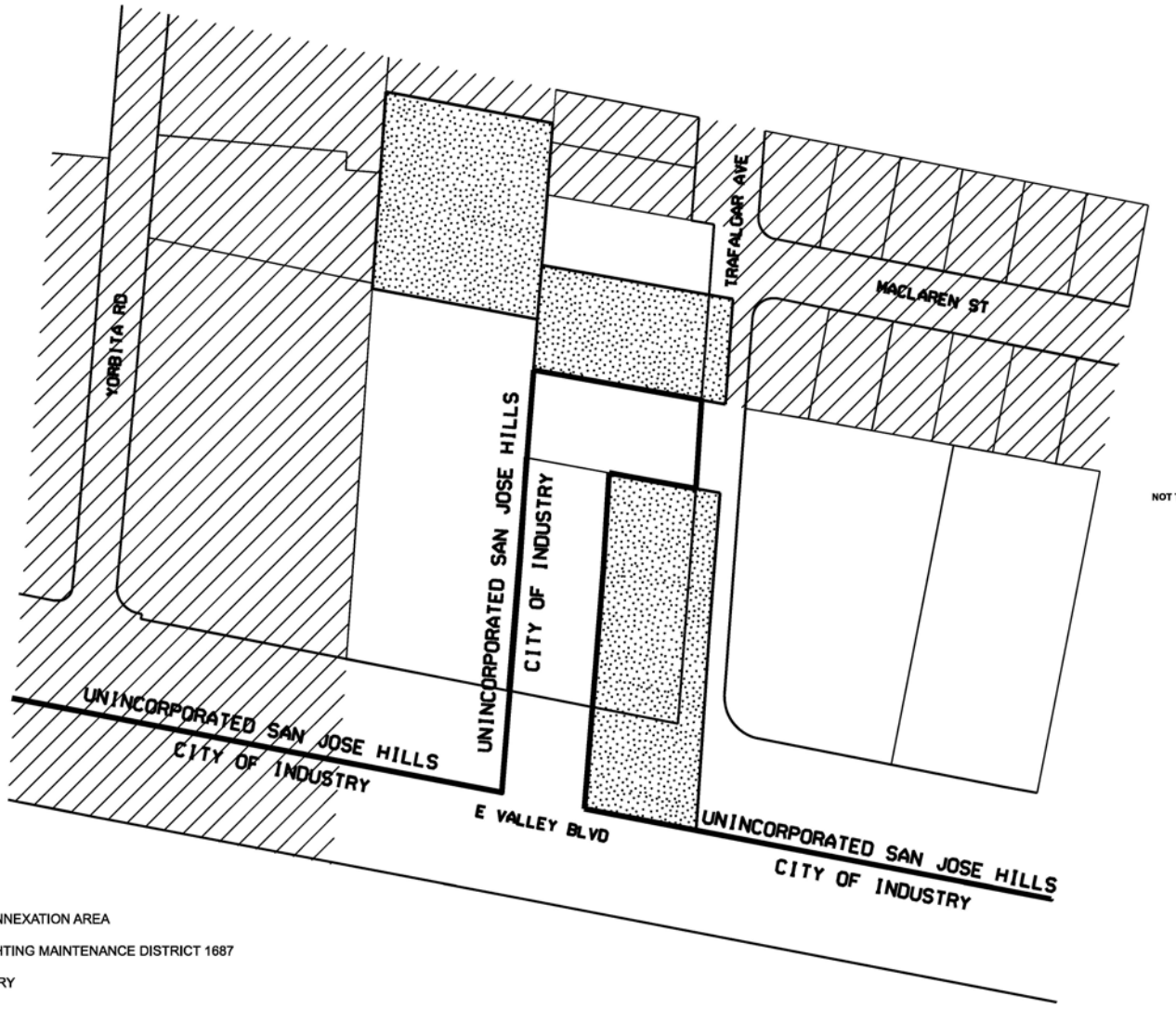
Enc.

L 108-2025



LOCATION MAP
NOT TO SCALE

NOT TO SCALE

PROJ 16-526
TRA
08347
APN
8727-013-018
8727-013-010
8727-013-012

LEGEND

- PROPOSED ANNEXATION AREA
- EXISTING LIGHTING MAINTENANCE DISTRICT 1687
- CITY BOUNDARY

PROPOSED ANNEXATION TO COUNTY LIGHTING MAINTENANCE DISTRICT 1687 AND COUNTY LIGHTING DISTRICT LLA-1 (UNINCORPORATED ZONE)

LOS ANGELES COUNTY PUBLIC WORKS TRAFFIC SAFETY AND MOBILITY DIVISION STREET LIGHTING DISTRICTS SECTION		
CLMD 1687		
UNINCORPORATED SAN JOSE HILLS		
PREPARED BY YF	SHEET 1 OF 1	SUP. DIST. 1
RECOMMENDED BY		DATE 05/19/26
APPROVED BY		DATE 05/20/26

RESOLUTION NO. 26-09-1033

RESOLUTION OF THE BOARD OF DIRECTORS OF THREE VALLEYS MUNICIPAL WATER DISTRICT HONORING KIRK HOWIE UPON HIS RETIREMENT

WHEREAS, Kirk Howie has dedicated nearly 30 years of distinguished service to the Three Valleys Municipal Water District ("District"), beginning his tenure in February 1997, and serving with professionalism, integrity, and an unwavering commitment to public service; and

WHEREAS, Mr. Howie advanced through the leadership positions of Chief Financial Officer, Assistant General Manager, and Chief Administrative Officer, providing exceptional leadership in financial management, legislative affairs, strategic planning, public outreach, policy development, and emergency preparedness; and

WHEREAS, Mr. Howie played a key leadership role in the District's board division redistricting efforts, guided compliance of the American Water Infrastructure Act Risk and Emergency Response Plan development, and represented the District with distinction in numerous regional and statewide water organizations; and

WHEREAS, Mr. Howie's unwavering commitment to public service and tireless advocacy on behalf of the District earned him the prestigious 2024 California Special Districts Association Ralph Heim Exceptional Outreach & Advocacy Award, one of the Association's highest individual honors; and

WHEREAS, under Mr. Howie's leadership, the District earned the Association of California Water Agencies' Top Outreach Award on ten occasions and the Region 8 Most Active Agency Outreach Award on seventeen occasions, reflecting a remarkable commitment to public engagement and education; and

WHEREAS, throughout his career, Mr. Howie's integrity, humility, and steadfast dedication have earned the respect and admiration of the Board of Directors, District employees, colleagues throughout the water industry, and the many public officials with whom he has worked, leaving a legacy that will continue to inspire and benefit the District for years to come; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Three Valleys Municipal Water District hereby commends and honors Kirk Howie for his nearly 30 years of outstanding service, expresses its sincere appreciation and heartfelt gratitude for his many contributions to the District and the water

industry, and congratulates him upon his retirement, wishing him continued health, happiness, and success in the years ahead.

ADOPTED and PASSED at a meeting of the Three Valleys Municipal Water District's Board of Directors, on this 16th day of September 2026, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Mike, Ti
President, Board of Directors

ATTEST:

David De Jesus
Secretary/Treasurer, Board of Directors

SEAL:

BOARD ACTION

THREE VALLEYS
MUNICIPAL WATER DISTRICT

BOARD OF DIRECTORS
STAFF REPORT

To:	TVMWD Board of Directors
From:	Matthew H. Litchfield, General Manager
Date:	September 16, 2026
Subject:	Water Resources Master Plan and Regional Drought Contingency Plan – Final Adoption

Staff Recommendation

Staff recommends that the Board of Directors approve Resolution No. 2026-09-1034 to adopt the Water Resources Master Plan and Regional Drought Contingency Plan for the Three Valleys Municipal Water District service area.

Discussion

The purpose of the Water Resources Master Plan and Drought Contingency Plan (WRMP-DCP or Project) is to develop a roadmap to enhance Three Valleys Municipal Water District's (Three Valleys/TVMWD) water supply portfolio thereby providing reliable, sustainable and robust water resources and supplies for the next 50 years. The Project will develop supply portfolios and suites of action based on the projected short and long-term needs that account for the potential impacts on water supply and availability due to climate change. This will include evaluating the current and future water resources priorities along with a vulnerability assessment to develop a comprehensive long-term plan.

Three Valleys received grant funding in the amount of $200,000 from the United States Bureau of Reclamation (USBR/Reclamation) for the WaterSMART Drought Contingency Plan in February 2023. Staff presented a draft-final version of the WRMP and Regional DCP to the Board as an informational workshop item on February 19, 2025 (Exhibits A-C, unchanged from that meeting, are attached for reference). Following that workshop, staff submitted the draft-final DCP to Reclamation for its required review. Reclamation has since completed its review and returned comments, which GEI Consultants and staff have incorporated into the document. The final DCP (Attachment 1) is now ready for Board adoption and submittal to Reclamation to complete the terms of the grant.

Summary of Changes Since the February 2025 Draft

The final DCP is substantively consistent with the draft reviewed by the Board in February 2025. Reclamation's comments focused on strengthening the plan to meet WaterSMART Drought Contingency Planning requirements, rather than changing Three Valleys' underlying supply, demand, or project findings. Key additions include:

- New sector-specific drought impact analysis (Section 4.7) addressing effects on residential, educational/institutional, commercial/industrial, health, and recreation/wildfire sectors – a chapter Reclamation's framework requires that was not broken out separately in the draft.
- Full integration of the WRMP's mitigation project analysis into the DCP itself (Section 5), including system performance evaluation, project costs/schedules/implementation likelihood, and the four regional project concepts with their benefit-risk rankings – previously these lived only in the separate WRMP document. The DCP now stands alone as a complete deliverable, as Reclamation requires.
- New Demand Management Measures section (Section 6.9) documenting Three Valleys' ongoing public education, regional rebate, asset management, and wholesale supplier assistance programs.
- Expanded description of the Drought Task Force and Unified Response Framework (Section 7.2), clarifying that the Task Force comprises 27 organizations and 73 individual members, and how member agencies opt into coordinated regional response.

No changes were made to the region's water supply/demand projections, the $660+ million in identified local infrastructure needs, or the ranking of the four regional project concepts (Chino Basin Conjunctive Use remains the top-ranked project on a benefit-risk basis, followed by GRIP+, the CVWC/Main Basin partnership, and GRIP).

If adopted, staff will file the Adoption Resolution with the final DCP (Appendix A) and submit the final DCP to Reclamation, formally closing out the WaterSMART grant deliverable. Staff will then begin implementing the Section 7 recommendations, including a comprehensive infrastructure condition assessment and continued development of the four regional project concepts, and will return to the Board as funding opportunities and partnership agreements are identified.

Environmental Impact

None

Strategic Plan Objective(s)

1.2 Diverse Portfolio
1.3 Infrastructure Reliability
1.4 Operational Efficiency
2.3 Public Engagement

Attachment(s)

Exhibit A – Regional Drought Contingency Plan (April 2026)
Exhibit B – Water Resources Master Plan
Exhibit C – Resolution No. 2026-09-1034 Adopting the WRMP and Regional DCP

Meeting History

Board of Directors Meeting, February 19, 2025, Informational Item
Board of Directors Meeting, September 6, 2023, Informational Item
Board of Directors Meeting, February 15, 2023, Informational Item

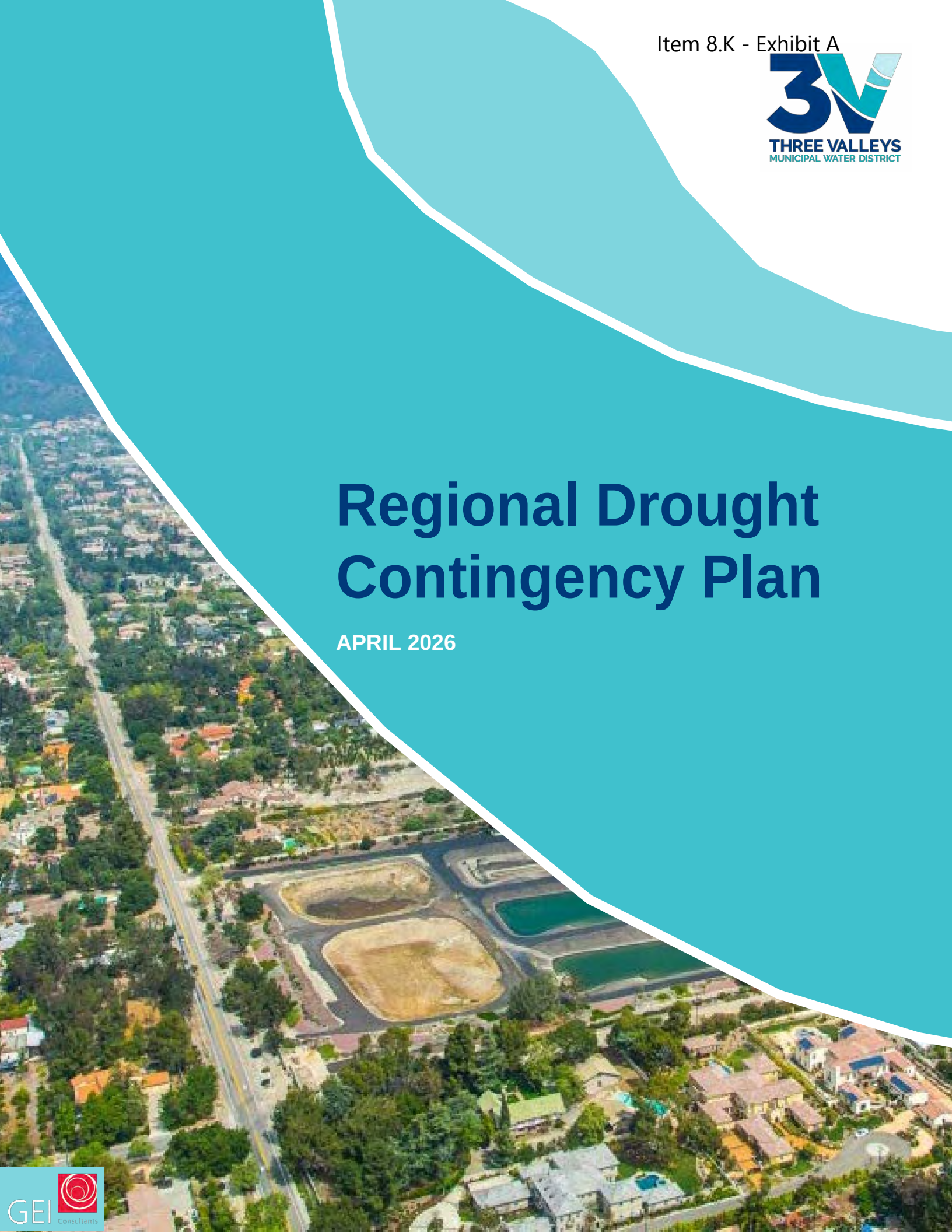
NA/SL

Item 8.K - Exhibit A

THREE VALLEYS
MUNICIPAL WATER DISTRICT

Regional Drought Contingency Plan

APRIL 2026



GEI Consultants

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Acronyms and Abbreviations

1,2,3-TCP	1,2,3-Trichloropropane
AF	acre-feet
AF/year	acre-feet per year
CDEC	California Data Exchange Center
CRA	Colorado River Aqueduct
CWW	California Water Watch
DBCP	Hexavalent Chromium, Arsenic, 1,2-Dibromo-3-chloropropane
DCP	Drought Contingency Plan
DMF	Drought Monitoring Framework
DWR	California Department of Water Resources
ET	evapotranspiration
FERIX	Flood Emergency Information Exchange
GAMA	Groundwater Ambient Monitoring and Assessment
GEI	GEI Consultants, Inc.
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
GSWC	Golden State Water Company
HUC	Hydrologic Unit Code
IRP	Metropolitan 2020 Integrated Water Resources Plan
Main Basin	Main San Gabriel Basin
Metropolitan	Metropolitan Water District of Southern California
MCL	Maximum Contaminant Level
PFA	polyfluoroalkyl substances
PCE	Trichloroethene
TAF	thousand acre-feet

TAF/year	thousand acre-feet per year
TCE	Trichloroethene
TDS	Total Dissolved Solids
Three Valleys	Three Valleys Municipal Water District
RACI	Responsible, Accountable, Consulted, Informed
Reclamation	United States Bureau of Reclamation
RWD	Rowland Water District
SGMA	Sustainable Groundwater Management Act
SWP	State Water Project
SWS	Suburban Water Systems
UWMP	2020 Urban Water Management Plan
VIC	Variable Infiltration Capacity
Watermasters	groundwater basin watermasters
WRMP	Water Resource Master Plan
WSAP	Water Supply Allocation Plan
WSCP	Water Shortage Contingency Plan
WVWD	Walnut Valley Water District

1 Introduction

Three Valleys Municipal Water District (Three Valleys) was formed in 1950 and provides water supply and water resource management to over 500,000 people through its member agencies in a 133 square mile area in eastern Los Angeles County. Three Valleys delivers wholesale water to its 13 member agencies, which includes Boy Scouts of America, California State Polytechnic University at Pomona, Cities of Covina, Glendora, La Verne, Pomona, Golden State Water Company (Claremont and San Dimas systems), Mount San Antonio College, Rowland Water District, Suburban Water Systems, Valencia Heights Water Company, and Walnut Valley Water District.

Three Valleys is one of 26 member agencies of the Metropolitan Water District of Southern California (Metropolitan), who sources around 35 percent of their water from the State Water Project (SWP), with another 25 percent sourced from the Colorado River Aqueduct (CRA). Both of these supply sources are impacted by hydrology. As a result of extreme drought conditions, the SWP allocation for 2021 was 5 percent of requested supplies. Furthermore, in August 2021 for the first time in recorded history, the federal government declared a water shortage at one of the Colorado River's main reservoirs, Lake Mead. This historic declaration came after years of severe climate change and long-term drought impacts. Consequently, the Governor of the State of California issued a statewide drought emergency in October 2021, urging Californians to advance their water conservation efforts. Thus, in November 2021, Three Valleys activated Stage 2 of their Water Shortage Contingency Plan (WSCP) for their entire service area, requiring up to a 20 percent reduction in water use. In June 2022, Metropolitan adopted the Emergency Water Conservation Program, implementing restrictions for member agencies reliant solely on SWP supplies, known as "SWP Dependent Areas." For Three Valleys, this includes the cities of Claremont and La Verne. In April of 2022, Three Valleys activated Stage 5 of their WSCP, urging up to a 50 percent reduction in water use, for their SWP Dependent Areas.

However, between late 2022 and early 2023, California experienced several atmospheric rivers that resulted in record snowfall and rainfall. Consequently, the California Department of Water Resources (DWR) announced a 100 percent SWP allocation for 2023. Despite this short-term improvement in SWP supply, the Colorado River watershed remains in a 23-year drought, the most severe in 1,200 years (https://www.theguardian.com/environment/2023/may /23/colorado-river-water-usage-deal-analysis). While Metropolitan lifted the emergency drought restrictions in March 2023, California remains under a statewide drought emergency, and ongoing climate change suggests that drought conditions will persist. As droughts become more frequent and climate change is expected to increase natural variability in the long term, coupled with increasing statewide demand, imported water may become increasingly scarce. A broader, more integrated Drought Contingency Plan (DCP) is needed to strengthen the region's water supply resilience to provide an adequate and reliable water supply into the future.

To increase water supply reliability and proactively address the region's concern with drought, in 2023 Three Valleys embarked on the preparation of a DCP, funded in part by the United States Bureau of Reclamation (Reclamation). The DCP has several elements in common with Three Valleys' Water Resource Master Plan (WRMP), such as the assessment of water shortage conditions based on current

and future water supply needs and anticipated impacts to supplies from climate change and other risks, along with the identification and review of projects to enhance the region's water supply portfolio. Therefore, the WRMP and DCP were largely prepared in parallel as a joint project with a coordinated schedule and approach. The elements of the DCP are described below in Section 1.1.

As part of this joint project, Three Valleys performed outreach and engagement with various stakeholder groups which is described in Section 1.2. Part of this outreach and engagement involved establishing a Drought Task Force, which as described in Section 1.3, was comprised of Three Valleys member agencies and local stakeholder representing diverse water needs and planning expertise to inform the DCP and WRMP development. Together with the Drought Task Force, Three Valleys developed several overarching objectives and guiding principles to inform development of the DCP, which was prepared with input from the Drought Task Force via several workshops and project information requests in 2023 and 2024. These objectives and principles, along with details related to the DCP development process and its elements are summarized in Section 1.4 and 1.5. The DCP was formally adopted by Three Valleys on Month XX, 2026. Details related to this adoption and final submittal to Reclamation are provided in Section 1.6.

1.1 DCP Elements

The DCP is organized into the following eight chapters in alignment with Reclamation's Drought Response Program Framework:

- Chapter 1: Introduction – this section describes the elements of the DCP, outreach and engagement performed during the development of the DCP, and regional drought goals and guiding principles used to develop the DCP. This section also describes the DCP development process, and information related to plan adoption and submittal.
- Chapter 2: Background – this section briefly describes the regional water suppliers, along with key water resource supplies and regional water demand to provide a critical foundation for the DCP.
- Chapter 3: Regional Drought Monitoring Framework (DMF) – the regional DMF establishes a process for monitoring near- and long-term water availability and developing a framework for predicting the probability of future droughts or confirming an existing drought.
- Chapter 4: Vulnerability Assessment – the vulnerability assessment aims to improve the understanding of climate change impacts on future water demand in Three Valleys' wholesale service area and the sources of Three Valleys' water supplies during normal and drought periods.
- Chapter 5: Mitigation Actions – this section describes projects or programs that can be implemented ahead of a drought to lessen the future impacts of drought.
- Chapter 6: Response Actions – this section describes near-term actions to address the demand side of the water balance in periods where water supply cannot meet demand.
- Chapter 7: Operational and Administrative Framework – the operational and administrative framework identifies who is responsible for implementing each element of the DCP and the process and schedule for monitoring, evaluating, and updating the DCP.

1.2 Outreach and Engagement

Three Valleys actively engaged with diverse stakeholder groups throughout the development of the DCP. This was a collaborative effort among Three Valleys, its 13 member agencies and the cities they serve, and other regional stakeholders that may be impacted by drought. The various stakeholder groups involved in the DCP and their roles are summarized in Table 1-1 below, which includes a RACI (Responsible, Accountable, Consulted, Informed) chart indicating the level of participation for each stakeholder in developing the DCP. Each stakeholder group and the methods of outreach and engagement are described in the following sections.

Table 1-1. Regional Drought Contingency Plan Key Stakeholders and Roles

Group	Level of Participation			
	R	A	C	I
Planning Lead				
Three Valleys Municipal Water District	X[1]	X[2]		
Drought Planning Task Force Members				
Three Valleys Member Agencies			X	
City Representatives (planning, schools, fire, law)			X	
Metropolitan Water District of Southern California				X[3]
Watermasters				X[3]
Other Interested Stakeholders				X[3]
General Public				X
Drought Contingency Plan Consultant				
GEI Consultants, Inc. (GEI)	X			

[1] Chief Water Resources Officer

[2] General Manager

[3] The stakeholders are expected to participate in the planning process at an "informed" level. However, they will also be provided the opportunity to review and comment on the DCP at various stages throughout the planning process.

1.3 Drought Task Force

As previously noted, the DCP was developed in parallel with the WRMP. As part of this consolidated effort, Three Valleys recruited, convened, and engaged a Drought Task Force comprised of 27 organizations represented by knowledgeable community leaders who can offer diverse, informed perspectives to support effective drought contingency planning. The members of the Drought Task Force are presented in Table 1-2. All Three Valleys' member agencies are part of the Drought Task Force.

Table 1-2 List of Stakeholders by Category

Three Valleys Regional DCP Stakeholders by Category
Member Agencies
Boy Scouts of America: Firestone Reservation
California Polytechnic University, Pomona

Three Valleys Regional DCP Stakeholders by Category
City of Covina
City of Glendora
City of La Verne
City of Pomona
Golden State Water Company (Claremont and San Dimas systems)
Mount San Antonio College
Rowland Water District
Suburban Water Systems
Valencia Heights Water Company
Walnut Valley Water District
Local Government
City of Claremont
City of Industry
City of San Dimas
City of West Covina
Los Angeles County Chief Executive Office
Local Education Agency
Charter Oak Unified School District
Glendora Unified School District
Hacienda La Puente Unified School District
Rowland Unified School District
Local Fire and Law Enforcement
Los Angeles County Fire
Los Angeles County Fire Department Station 118
Los Angeles County Sheriff's Department
Watermasters
Chino Basin Watermaster
Main San Gabriel Watermaster
Six Basins Watermaster
Nonprofit Organizations
Day One
San Gabriel Valley Economic Partnership

As of September 25, 2024

1.3.1 Three Valleys Board of Directors

Three Valleys' Board of Directors (Board) is the formal decision-making body that adopts the DCP (and WRMP) and recommends it for submittal to Reclamation. To keep the Board informed, Three Valleys staff provided periodic updates during regularly occurring quarterly Board meetings throughout the development of the DCP.

1.3.2 General Public

To reach all customers within Three Valleys' service area, Three Valleys used outreach activities that are not specific to the Drought Task Force. This included receiving Regional DCP updates during regular meetings such as the Three Valleys Board of Directors meetings and the Three Valleys Member Agency Managers meetings, which can be found at https://www.threevalleys.com/home. The public can also check the Three Valleys website at https://storymaps.arcgis.com/stories/6e03e0070af84d7f93aba75a13398d01. This webpage offers another opportunity for interested individuals to learn about the DCP and WRMP planning efforts, view workshop materials, and subscribe to project updates.

1.4 Regional Drought Planning Objectives and Priorities

Early in the planning process for the DCP, key objectives and regional drought priorities were identified to ensure a comprehensive approach. The planning effort was guided by several essential objectives:

- Task Force Collaboration: Facilitate consistent communication and execute the process transparently and collaboratively with stakeholders.
- Planning Consistency: Align the DCP/WRMP with Metropolitan's Water Shortage Allocation Plan, Dry Year Yield policies, and other planning documents from Three Valleys and member agencies.
- Environmental Stewardship and Sustainability: Ensure that the needs of the present are met without compromising the needs of future generations.

Regional drought priorities were identified to guide and inform the DCP's development. These priorities serve as the foundation for the plan's key focus areas and overall approach. During the initial workshops, members of the Drought Task Force were invited to rank these priorities based on their perceived importance. Figure 1-1 illustrates the outcomes of this ranking effort, highlighting the collective priorities identified by the Drought Task Force. These objectives and priorities form the overarching framework that guides the planning effort and development for the DCP.

Figure 1-1. Regional Priorities Ranked by the Drought Task Force

1.5 DCP Development Process

As previously indicated, the DCP was prepared concurrently with the WRMP; however, this section specifically focuses on the DCP, which was developed with consideration of the objectives and regional priorities detailed in Section 1.4. The DCP is organized into five key steps:

- Development of a drought monitoring framework for predicting the probability of future droughts or confirming an existing drought
- A vulnerability assessment to evaluate the risks within the planning area from drought and other factors
- Identification of potential mitigation actions to be implemented ahead of drought to address potential risks
- Identification of potential response actions to be implemented during drought
- An operational and administrative framework to identify the roles, responsibilities, and procedures necessary to implement the DCP.

A planning schedule for the preparation of the DCP is presented in Figure 1-2.

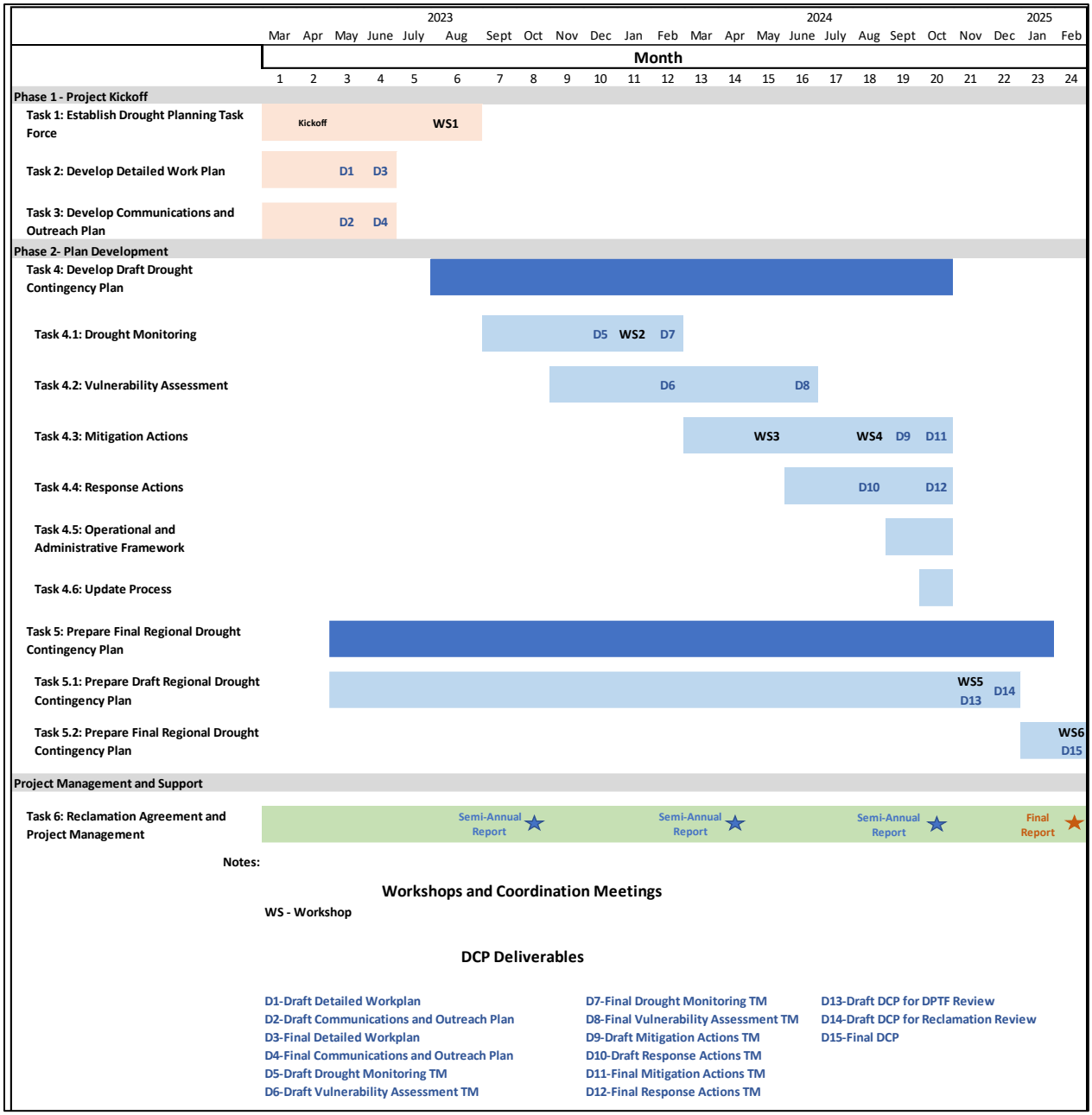


Figure 1-2. Three Valleys Municipal Water District Drought Contingency Plan Schedule

As previously mentioned, the development of DCP involved collaboration with the Drought Task Force and other interested parties. To facilitate participation, Three Valleys and the Drought Task Force members provided multiple opportunities for public input. Various communication channels were utilized, including the Three Valleys website, regular member agency meetings, and Drought Task Force workshops. A schedule of workshops is provided in Table 1-3. The timing of the workshops was strategically aligned with the DCP planning schedule, ensuring that input can be gathered during the most relevant phases of the planning process.

Table 1-3. Drought Planning Task Force Workshop Dates and Topics

Description	Anticipated Date
Drought Task Force Kickoff/Workshop #1	
• Provide DCP overview to Three Valleys Member Agency Managers Meeting (DCP Kickoff Meeting) • Email Workshop 1 invitation to full stakeholder list, along with a description of the DCP development process and opportunity to participate via the Drought Task Force • Review Plan schedule and milestones along with information requests that will be provided to the Drought Task Force over the course of the Plan development (Drought Task Force Workshop 1)	April 2023 (DCP Kickoff Meeting) August 2023 (Drought Task Force Workshop 1)
Drought Task Force Workshop #2	
• Review and develop a common understanding of the estimated water supply demands, water supplies conditions, and forecasted shortage conditions • Review the Drought Monitoring Technical Memorandum • Review the Vulnerability Assessment Technical Memorandum • Summarize project description request and review project evaluation criteria	January 2024
Drought Task Force Workshop #3	
• Present the summary of project descriptions received from Drought Task Force • Review the project screening and evaluation process and the draft findings from the screening and evaluation of the projects	May 2024
Drought Task Force Workshop #4	
• Review the Mitigation Actions Technical Memorandum • Review the Response Actions Technical Memorandum	August 2024
Drought Task Force Workshop #5	
• Review the draft Regional DCP	November 2024
Drought Task Force Workshop #6	
• Review the draft-final Regional DCP and discuss next steps	February 2025

1.6 Plan Adoption and Submittal

The final DCP was formally adopted by Three Valleys on Month Day, 2026. A copy of the Adoption Resolution is included in Appendix A . Three Valleys made a copy of the final DCP available on its website within 30 days after the adoption.

2 Background

To provide a critical foundation for the DCP, Chapter 2 defines the services areas for the member agencies within the region (see Section 1 for a list of the member agencies), along with regional water supplies and associated infrastructure and projected regional demands.

2.1 Water Supplier Service Area

Wholesale water within the region is supplied by Three Valleys by importing and distributing water obtained from Metropolitan to its 13 member agencies.

2.1.1 Three Valleys Municipal Water District

Three Valleys is a wholesale water agency that serves over 500,000 people in a 133 square mile area in eastern Los Angeles County via 13 member agencies. The estimated population within the Three Valleys wholesale service area in 2020, along with future population projections documented in Three Valleys' 2020 Urban Water Management Plan (UWMP), is presented in Table 2-1.

Table 2-1. Population projections for the Region

	2020	2025	2030	2035	2040	2045
Three Valleys	513,623	523,167	532,888	542,790	552,204	561,782

Three Valleys' member agencies retail the water directly to their customers, or wholesale it to other water systems for resale. Three Valleys' member agencies produce water from local sources; however, when water demands exceed these local supplies, the member agencies may rely on Three Valleys to supply their supplemental water needs. Three Valleys' service area includes the Cities of Claremont, Covina, Diamond Bar, Glendora, Industry, La Verne, Pomona, San Dimas, Walnut, West Covina, and unincorporated areas of Los Angeles County (including Charter Oak and Rowland Heights) (Figure 2-1).

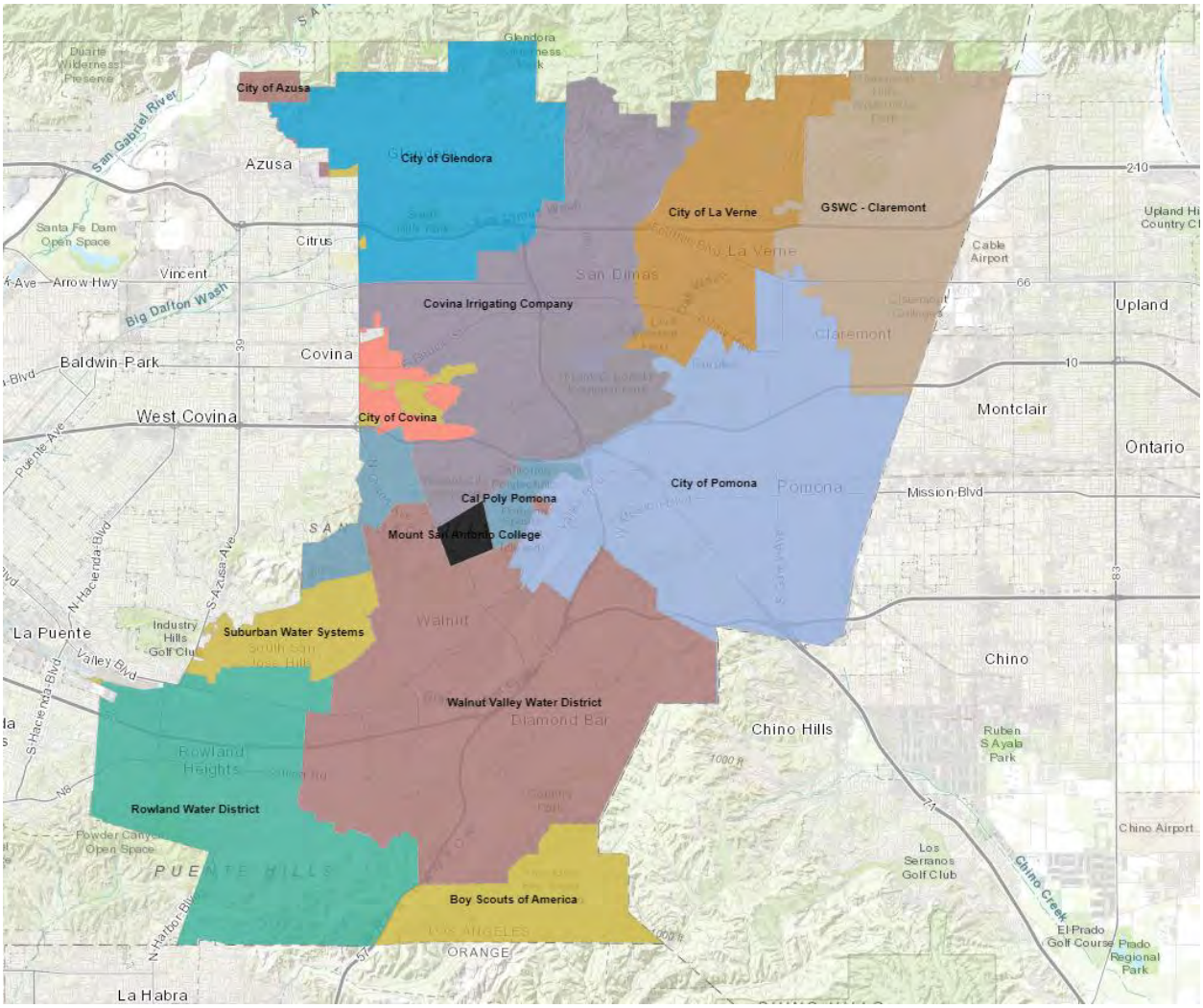


Figure 2-1. Three Valleys Municipal Water District Service Area

Three Valleys is one of 26 member agencies of Metropolitan. Three Valleys' water supply sources consist of untreated imported water purchased from Metropolitan, treated imported water purchased from Metropolitan, and groundwater from the Six Basins groundwater basin, with imported water from Metropolitan accounting for the majority of Three Valleys' supply. Water purchased from Metropolitan comes from the CRA and the SWP. The 13 member agencies use a combination of imported water, groundwater, recycled water, and surface water. Several of these agencies are in SWP dependent areas, meaning they cannot receive Colorado River supplies from Metropolitan, and are solely dependent on imported water from the SWP.

2.1.2 Boy Scouts of America

Boy Scouts of America is one of three institutions that receive imported water from Three Valleys. They own and operate the Firestone Scout Reservation, a campground and wilderness facility located in the southern part of the Three Valleys' service area.

2.1.3 California State Polytechnic University at Pomona

California State Polytechnic University is one of three institutions that receives imported water from Three Valleys, located within the City of Pomona.

2.1.4 City of Covina

The City of Covina has a service area of approximately 7 square miles, encompassing the majority of the City of Covina, a portion of the City of West Covina and an unincorporated portion of Los Angeles County. In 2020, the City of Covina served a population of approximately 29,287 through about 8,500 municipal connections.

2.1.5 City of Glendora

The City of Glendora's service area covers approximately 11 square miles encompassing the majority of the City of Glendora and a portion of the Cities of San Dimas, Azusa and an unincorporated portion of Los Angeles County. In 2020, the City of Glendora served a population of approximately 45,551 through about 13,468 municipal connections.

2.1.6 City of La Verne

The City of La Verne has a service area of approximately 8.56 square miles bounded on the west by the City of San Dimas, on the south by the Puddingstone Recreation area, on the east by Fulton Road and the prolongation of Williams Avenue, and on the north by the Los Angeles National Forest. In 2020, the City of La Verne served a population of approximately 31,321 through about 8,800 municipal connections.

2.1.7 City of Pomona

The City of Pomona's service area covers approximately 22.9 square miles encompassing the majority of the City of Pomona and portions of the Cities of La Verne, Claremont, and Chino Hills. In 2020, the City of Pomona served a population of approximately 153,988 through about 30,041 municipal connections.

2.1.8 Golden State Water Company (Claremont and San Dimas systems)

Golden State Water Company (Claremont system) provides water service to the City of Claremont, portions of the Cities of Montclair, Pomona, and Upland, and adjacent unincorporated areas of Los Angeles County, which encompasses approximately 9.2 square miles. The San Dimas system serves portions of the Cities of La Verne, Walnut, and Covina, and adjacent unincorporated areas of Los Angeles County, covering approximately 13.7 square miles. In 2020, Golden State Water Company served a population of approximately 36,713 through about 11,076 municipal connections in the Claremont system. In the San Dimas system, Golden State Water Company served a population of approximately 53,120 through about 16,033 municipal connections.

2.1.9 Mount San Antonio College

Mount San Antonio College is one of three institutions that receives imported water from Three Valleys, located within the City of Walnut.

2.1.10 Rowland Water District

Rowland Water District's water service area covers approximately 17.2 square miles encompassing portions of the Cities of Industry, La Puente, and West Covina, and unincorporated areas of Los Angeles County including Rowland Heights and Hacienda Heights. In 2020, Rowland Water District served a population of approximately 59,283 through about 13,202 municipal connections.

2.1.11 Suburban Water Systems

Suburban Water Systems has a service area of approximately 41.7 square miles encompassing the Cities of Glendora, Covina, West Covina, La Puente, Walnut, Whittier, La Mirada, La Habra, and Buena Park as well as sections of unincorporated Los Angeles County and Orange County. Suburban Water Systems' service area is currently divided into two main service areas: the San Jose Hills Service Area, and the Whittier/La Mirada Service Area. In 2020, Suburban Water Systems served a population of approximately 298,367 through about 42,512 municipal connections. This includes approximately 175,529 residents in the San Jose Hills service area and approximately 122,838 residents in the Whittier/La Mirada service area.

2.1.12 Valencia Heights Water Company

Valencia Heights Water Company is a mutual water company serving portions of the City of West Covina and unincorporated areas of Los Angeles County. Valencia Heights Water Company serves less than 3,000 customers and does not supply more than 3,000 acre-feet of water annually, and thus is not required to prepare a UWMP.

2.1.13 Walnut Valley Water District

Walnut Valley Water District's water service area covers approximately 29 square miles covering the City of Diamond Bar and portions of the Cities of Industry, Pomona, Walnut, and West Covina, as well as unincorporated areas of Los Angeles County including Rowland Heights. In 2020, Walnut Valley Water District served a population of approximately 99,956 through about 27,100 municipal connections.

2.2 Regional Water Supply

This section summarizes all the water supplies available to the region including imported water and a variety of local groundwater, surface water, and recycled water sources. Each source is described in Section 2.2.2.

2.2.1 Regional Supply Summary

An overview of the water sources used by each agency within Three Valleys' service area is shown in Table 2-2. This summary highlights the diversity of water supply portfolios among the water agencies in the region. As a result, each agency is impacted differently by drought, driving a need for regional solutions that are flexible and adaptable to different community needs.

Based on the historical water use, all of Three Valleys' member agencies rely on imported water as a major supply source. Imported water constitutes the largest portion of the region's supply, accounting for about 51 percent of the total from 2018 to 2022 (Figure 2-2).

Table 2-2. Current Water Sources by Agency

Agency	Groundwater	Imported Water	Surface Water	Recycled Water
Boy Scouts of America		X		
Cal Poly Pomona	X	X		X
City of Covina*		X	X	
City of Glendora*	X	X	X	
City of La Verne	X	X		
City of Pomona	X	X	X	X
Golden State Water Company (Claremont)	X	X		
Golden State Water Company (San Dimas)*	X	X	X	
Mount San Antonio College		X		
Rowland Water District	X	X		X
Suburban Water Systems*	X	X	X	X
Valencia Heights Water Company*	X	X	X	X
Walnut Valley Water District	X	X		X

*Purchases water from Covina Irrigating Company which produces water from local surface and groundwater sources and treats imported water from Three Valleys.

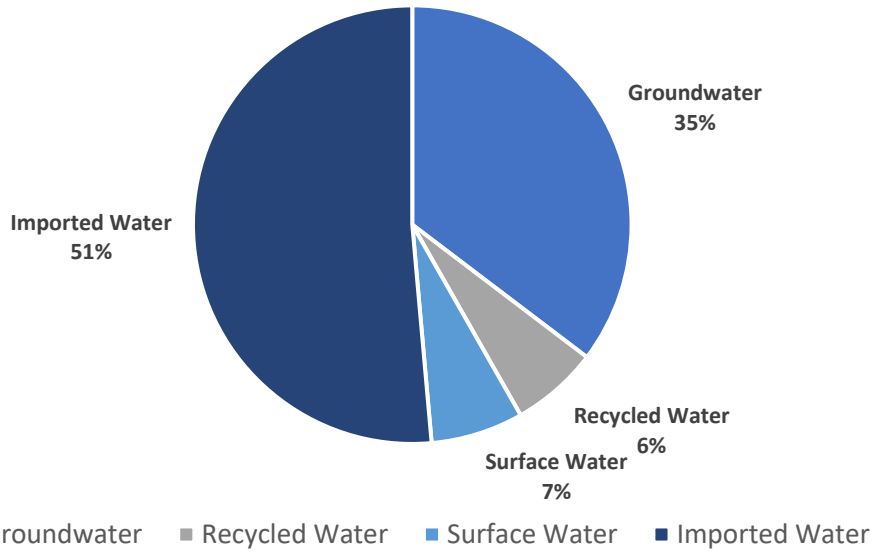


Figure 2-2. Percent Regional Water Use by Source

Based on water use data aggregated from Three Valleys' Local Supply Production Surveys (which are compiled form member agency data) and Three Valleys' Water Sales records, the total water supply within the region has ranged from approximately 104,000 acre-feet (AF) to more than 121,000 AF from 2018 to 2022 as shown in Figure 2-3.

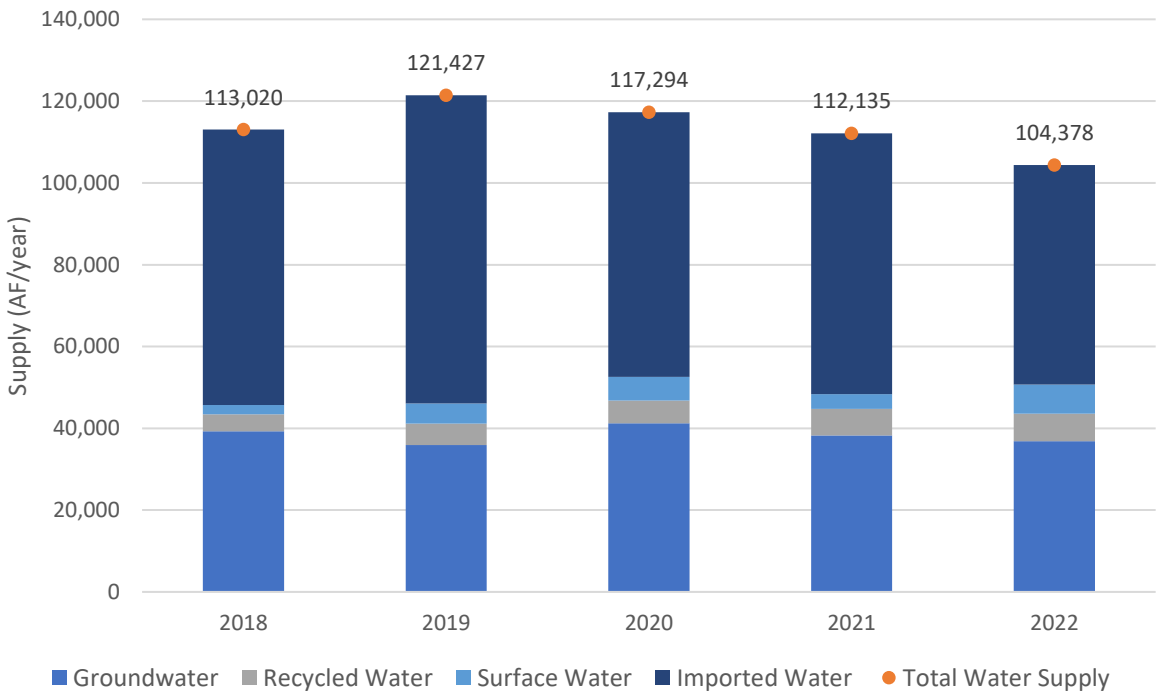


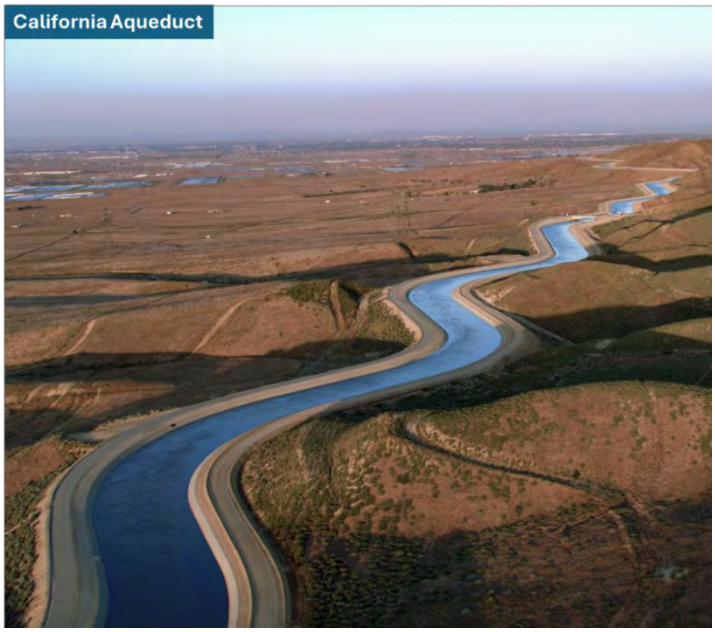
Figure 2-3. 2018-2022 Regional Water Supply by Source

2.2.2 Sources of Supply

This section describes each of the water supplies available to the region.

2.2.2.1 Imported Water

Three Valleys purchases both untreated and treated imported water from Metropolitan and wholesales it to its member agencies. Currently, Three Valleys receives a Tier 1 water supply allotment from Metropolitan of 80,688 acre-feet per year (AF/year). Metropolitan imports water from the SWP which is owned and operated by DWR and conveys water from the Bay-Delta to Southern California via the California Aqueduct, and from the Colorado River through the CRA which is owned and operated by Metropolitan. Generally, Metropolitan sources around 35 percent of its water from the SWP, 25 percent sourced from the CRA, and the remainder sourced from Metropolitan local supplies.



Three Valleys supplies treated imported water directly to its member agencies through service connections from the Metropolitan distribution system, but it does not provide water directly to retail customers. Untreated imported water is sent to Three Valleys' Miramar Water Treatment Plant for processing before being distributed to the member agencies. This untreated water is also used to replenish portions of the Six Basins and is delivered to the Main Basin to meet Replacement Water obligations specified in the Main Basin Judgment. Furthermore, Three Valleys obtains untreated imported water supplies from Metropolitan for delivery to the Covina Irrigating Company, which treats these deliveries at its William B. Temple Treatment Plant before supplying other member agencies within the Three Valleys' region.

Each year, Metropolitan member agencies communicate their anticipated water needs for the next five years, allowing Metropolitan to collaborate with them on forecasts for long-term future water supply. Imported water sources are described further in Section 3.2.1.

2.2.2.2 Groundwater

The region primarily uses local groundwater from six different groundwater basins: the Six Basins, Chino Basin, Main San Gabriel Basin (Main Basin), Spadra Basin, Central Basin, and Puente Basin. Five basins (Six Basins, Chino Basin, Main Basin, Central Basin, and Puente Basin) are adjudicated groundwater basins; therefore, they are exempt from the requirement to designate a Groundwater Sustainability Agency (GSA) as mandated by the Sustainable Groundwater Management Act (SGMA). These basins are managed by their respective Watermaster to manage the ownership of water rights and water use with goals similar to that of SGMA. The Spadra Basin is a small, non-adjudicated subbasin of the San Gabriel Valley Basin, designated as a 'very low-priority' basin by DWR. However, the Walnut Valley Water District and the City of Pomona collectively formed the Spadra Basin GSA to manage the basin. Groundwater basin management activities are described further in Section 3.2.2.

According to the State Water Resources Control Board's Groundwater Ambient Monitoring and Assessment (GAMA) Program, groundwater from these basins has exhibited Maximum Contaminant Level (MCL) exceedances for numerous constituents, including 1,2,3-Trichloropropane (1,2,3-TCP),

Hexavalent Chromium, Arsenic, 1,2-Dibromo-3-chloropropane (DBCP), Perchlorate, Tetrachloroethene (PCE), Trichloroethene (TCE), Total Dissolved Solids (TDS), and Uranium. To remove these contaminants, agencies use a combination of blending and wellhead treatment, both of which are resulting in greater reliance on imported water.

2.2.2.3 Recycled Water

Several member agencies in the region also use recycled water to meet non-potable demands. Recycled water sources in the region are primarily from the Pomona Water Reclamation Plant and San Jose Creek Water Reclamation Plant, both owned and operated by the Los Angeles County Sanitation District.

2.2.2.4 Surface Water

Some member agencies in the region also use surface water to meet potable demands. The City of Pomona sources local surface water from San Antonio Creek, which is then purchased by Three Valleys to replenish the Six Basins. Additionally, some member agencies obtain surface water from the Covina Irrigating Company, which treats water from the San Gabriel River.

2.3 Regional Water Demand

In 2020, the wholesale demand from Three Valleys was nearly 77,000 AF. Over the past ten years, Three Valleys' total water demands have ranged from 57,472 AF/year to 76,723 AF/year, with an average of 67,327 AF/year. Retail water usage includes residential, commercial, industrial, and institutional/governmental. Among those uses, residential generally accounts for 70 percent of total demand.

Based on aggregated water demand data from member agency UWMPs, the total water demand for 2020 was nearly 135,000 AF/year (see Table 2-3), with nearly 60 percent of that demand associated with from residential sources.

Table 2-3. 2020 Distribution of Water Demand (in Acre-Feet) for the Three Valleys Service Area

Use Type	Demand (AF/year)	Contribution to Demand (%)
Single-Family Residential	69,639	51.6%
Commercial	18,822	14.0%
Other	11,712	8.7%
Multi-Family Residential	10,233	7.6%
Losses	5,726	4.2%
Recycled Water Demand	6,463	4.8%
Institutional	6,026	4.5%
Landscape	4,789	3.6%
Industrial	1,434	1.1%
Total Demand from Member Agencies	**134,844**	**100%**

Source: Data aggregated from member agencies' 2020 UWMPs

Projections of future water demand due to growth, aggregated from the member agency 2020 UWMPs, are shown in Table 2-4. The cumulative annual growth rates are calculated based on the change in population from the baseline 2020 values. These growth rates, along with climate change factors, were used to develop new demand projections, which are discussed in Chapter 4.

Table 2-4. Three Valleys Service Area Water Demand Projections due to Growth

	FY 2020	FY 2025	FY 2030	FY 2035	FY 2040
Projected Demand from Member UWMPs (AF/year)	134,844	144,665	146,338	147,524	149,480
Implied Cumulative Annual Growth Rate (%)		100.95%	100.07%	100.15%	100.23%

Refer to Three Valleys' member agency UWMPs for additional details on water usage by sector within the region.

2.4 Land Uses within Service Area

Much of Three Valleys' service area is filled with urban development, leaving a relatively small balance of open space for future improvement and population growth. Still, the region is expected to experience some increase. As of 2023, residential (single-family and multi-family), commercial, and industrial uses account for the majority of land use, in Equivalent Dwelling Units, within Three Valleys' general service area, as shown in Figure 2-4.

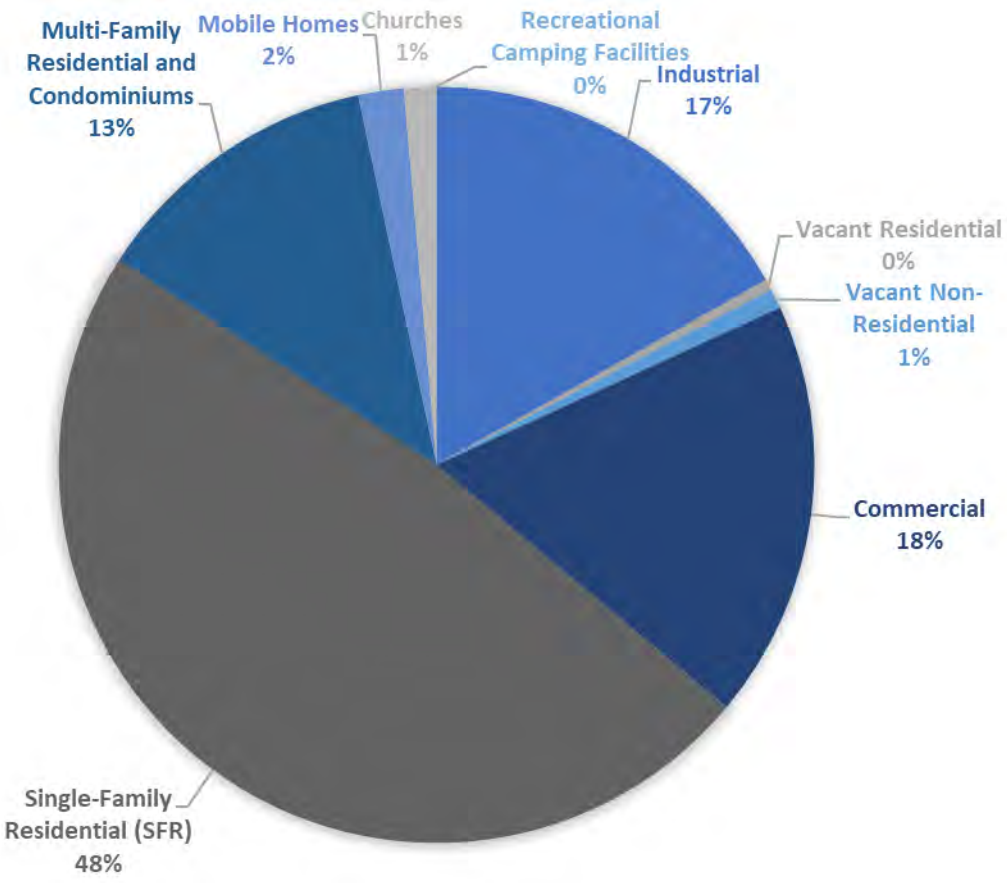


Figure 2-4. Three Valleys Land Use in Equivalent Dwelling Units

3 Drought Monitoring Framework (DMF)

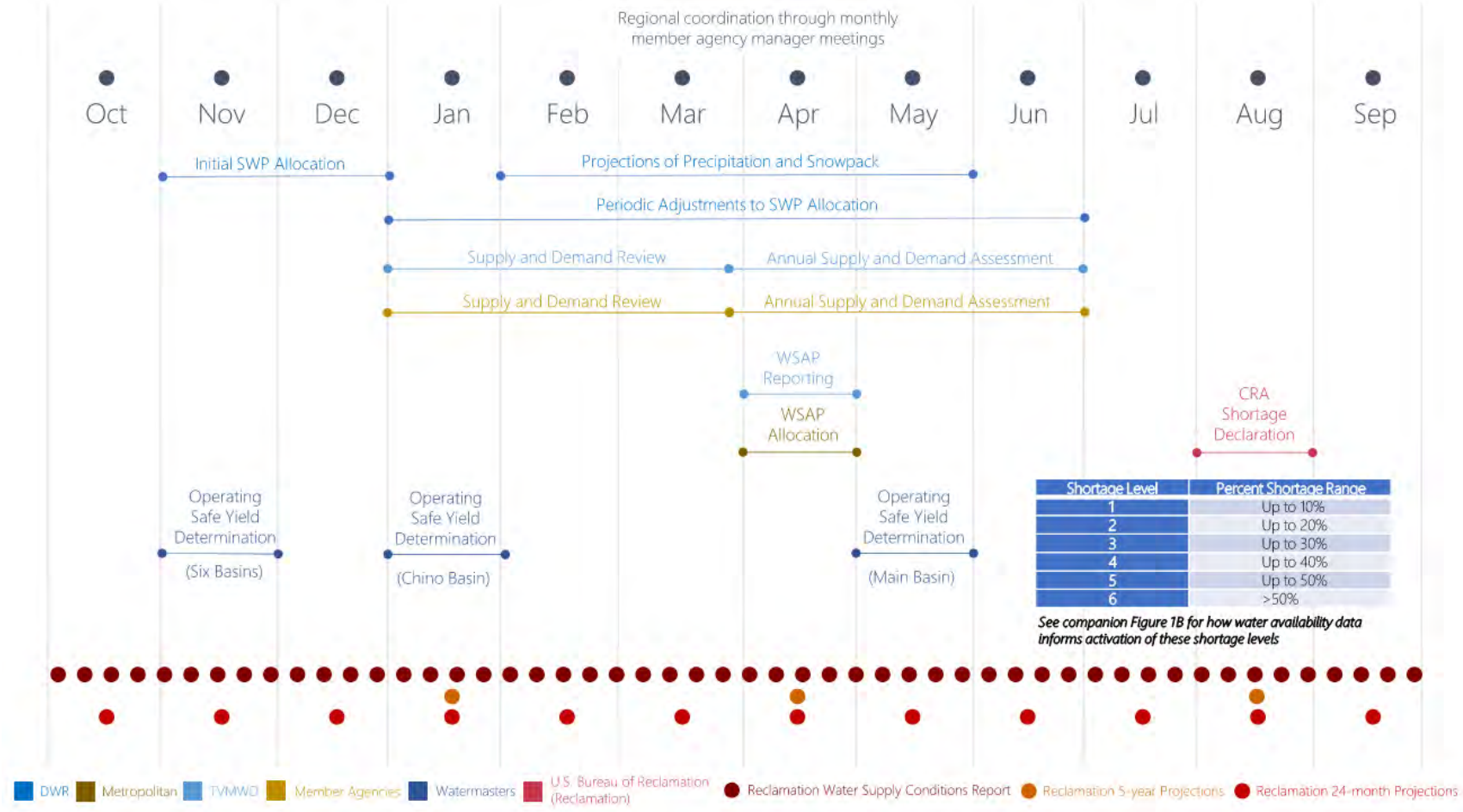
This chapter discusses the DMF, which establishes a process for monitoring near- and long-term water availability and develops a framework for predicting the probability of future droughts or confirming an existing drought. The DMF was informed through collaboration with the Drought Task Force.

3.1 DMF Primary Elements

The DMF includes three primary elements:

1. Monitoring for near- and long-term water availability: The region has access to considerable water availability data that is made available throughout the year by DWR, Metropolitan, Reclamation, and groundwater basin watermasters (watermasters). Key indicators for water availability include SWP allocations by DWR, CRA shortage declarations made by Reclamation, Water Supply Allocation Plan (WSAP) allocations by Metropolitan, and operating groundwater safe yield determinations made by watermasters in the region.
2. A process for predicting future droughts or confirming an existing drought: The region has existing processes and frameworks for predicting or confirming droughts. These processes and frameworks include Annual Supply and Demand Assessments (Annual Assessments) which are informed by water availability data and other factors, and a set of triggers that are used to initiate preparation for and response to water shortages.
3. Regional coordination: Regular and ongoing monthly meetings between Three Valleys and its member agencies are used to review and analyze water availability data, Annual Assessments, and to make decisions regarding declaring water supply shortages, instituting water restrictions, pursuing additional supplies, and protocols for implementing drought response actions (e.g., communications planning, compliance and enforcement considerations, implementation responsibilities/authorities, financial planning, and monitoring/reporting responsibilities/expectations).

These elements are discussed in the following sections and the DMF is provided as Figure 3-1 and Figure 3-2.



Note: See companion

Figure 3-1. Drought Contingency Plan Regional Drought Monitoring Framework

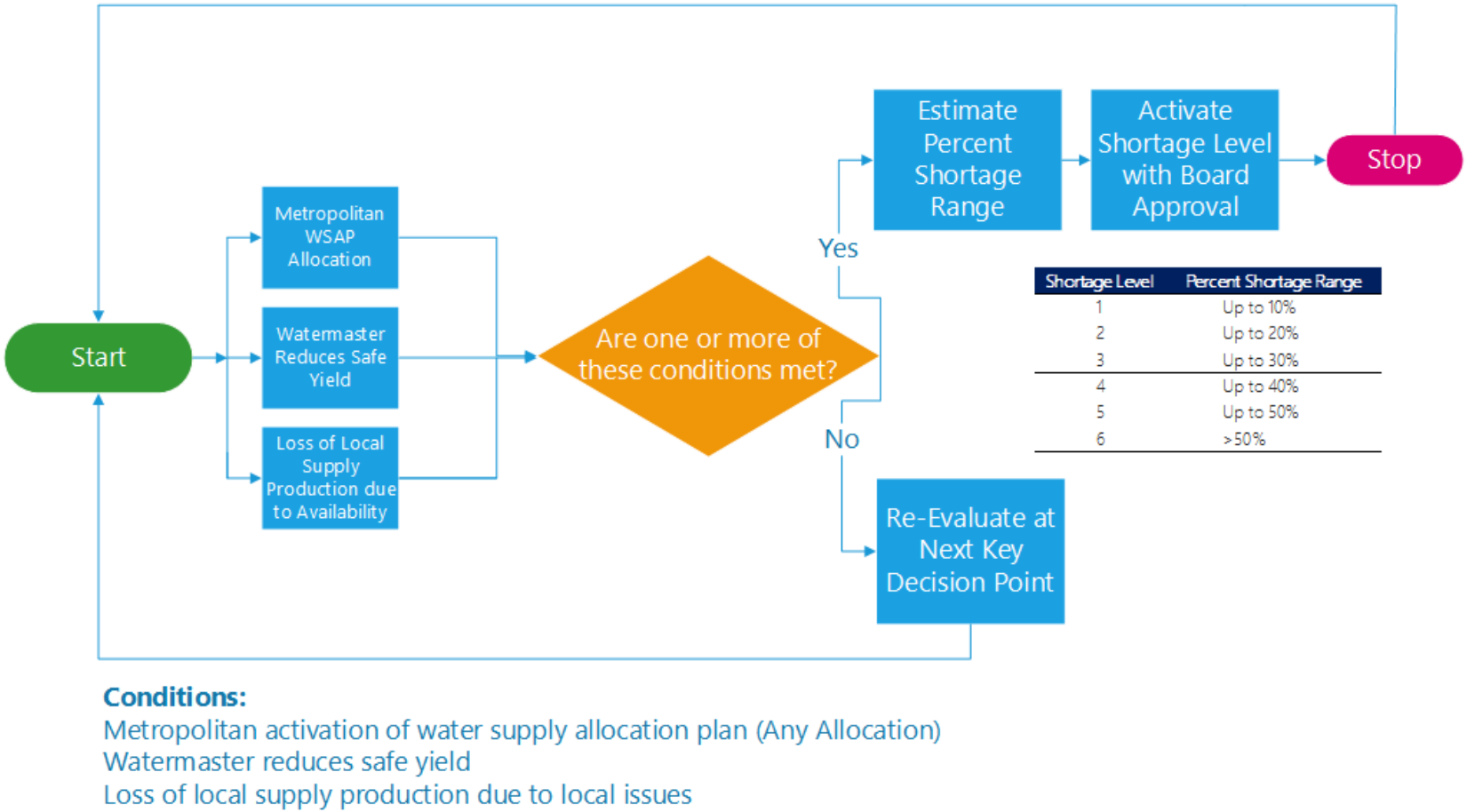


Figure 3-2. Drought Contingency Plan Regional Drought Monitoring Framework

3.2 Water Availability Data

As discussed in Section 3.1, imported water and groundwater data are key indicators for monitoring near- and long-term water availability in the region. This data is made available throughout the year by DWR, Metropolitan, Reclamation, regional watermasters, and others. This data directly informs the region's water supply projections and is used to develop Annual Assessments as described in Section 3.3.

3.2.1 Imported Water

The region's water supply portfolio consists of 50 to 60 percent imported water. Imported water supplied to the region through Three Valleys is purchased from Metropolitan, who can source these supplies from the Sacramento and San Joquin rivers via the SWP, and the Colorado River via the CRA.

3.2.1.1 State Water Project

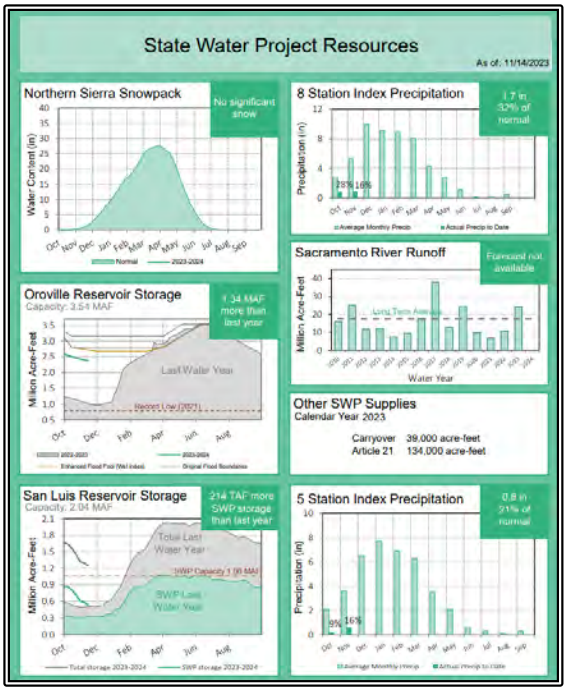
Roughly 30 percent of Metropolitan's water is imported from the SWP. The SWP is a water storage and delivery system of reservoirs, aqueducts, pumping plants, and power plants owned by the State of California. Water delivered by the SWP originates in the Sierra Nevada mountains in northern California and is pumped into the SWP from the Sacramento-San Joaquin River Delta near Stockton. Water from the SWP serves agencies within California's Central Valley, San Francisco Bay Area, central coast, and Southern California.

DWR administers long-term water supply contracts to 29 local agencies, including Metropolitan, for water service from the SWP. Each contract identifies the maximum volume of SWP water to be made available to each agency on an annual (calendar year) basis, also known as the "Maximum Table A amount." The available volume of SWP water to be delivered to each agency, or the "Table A Allocation," often differs each year, and is subject to refinement over the course of a water year as hydrologic conditions unfold and periodic adjustments to SWP allocations are made.

In determining available SWP supplies, DWR considers several factors including agency projected demands, existing storage in SWP facilities, estimates of future runoff, SWP operational and regulatory requirements, and water rights obligations. Estimates of future runoff are primarily based on DWR's forecasted projections of precipitation and snowpack. These forecasts are typically conducted using data collected by DWR's California Cooperative Snow Surveys program between February through May of each year. Consequently, initial SWP allocations, which are generally made around the November to December timeframe each year and are based on conservative dry hydrologic conditions, are subject to refinement between January to June based on forecasted and actual runoff conditions. These conditions start to become apparent generally around the February to March timeframe, with the outlook for imported water supplies from the SWP becoming more certain around April to May.

DWR's California Data Exchange Center (CDEC) provides access to historical and forecasted hydrologic and reservoir data used to inform water supply conditions. This data is collected through an exchange with various agencies including the National Weather Service, Reclamation, the U.S. Geological Survey, the U.S. Army Corps of Engineers, and other state and public agencies. Real-time

water availability data is also provided by DWR via the California Water Watch (CWW) website, which consolidates precipitation, reservoir conditions, streamflow, groundwater, and snowpack data in a single location.



Select data from CDEC and CWW are also used by Metropolitan to produce a water supply conditions report. This report consolidates key information related to reservoir storage, snowpack and snowfall, precipitation, and runoff to provide an overview of SWP resources. The report is generally updated by Metropolitan as forecasts are updated and made available throughout the water year.

3.2.1.2 Colorado River Aqueduct

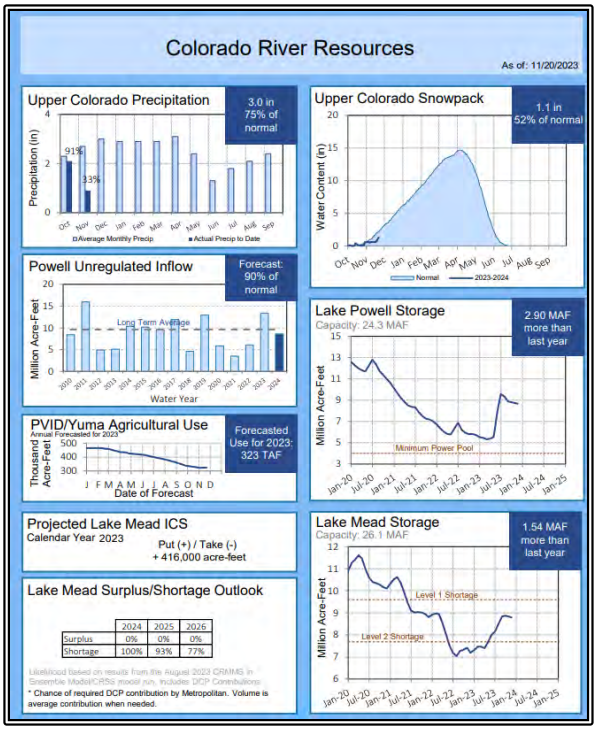
Roughly 25 percent of Metropolitan's water is sourced from the CRA. Built and operated by Metropolitan, the CRA carries water from the Colorado River system 242 miles across the desert to Southern California. Reclamation operates the Colorado River system, which provides water to users within seven western states – Arizona, California, Colorado, Nevada, New Mexico, Utah, and Wyoming. California's legal apportionment from the Colorado River is 4.4 million acre-feet on an annual basis. Roughly 70 percent of this allocation goes to the Imperial Irrigation District, with the remainder allocated to Metropolitan and the San Diego County Water Authority.

Similar to the SWP, hydrologic conditions have the potential to impact CRA diversions to California and users within the other six western states. CRA diversions to California are governed by the Lower Colorado River Basin DCP. The Lower Colorado River Basin DCP outlines five tiers and corresponding reductions to diversions for Arizona, California, Nevada, and Mexico. These tiers are triggered based on forecasts of reservoir levels in Lake Mead, the largest reservoir in the Colorado River Basin. These forecasts are reviewed, and shortage declarations are made for the following calendar year around August of each year.

Reclamation monitors levels in Lake Mead as an indicator of Colorado River Basin storage conditions. Monitoring is similarly done for Lake Powell, another significant reservoir for the Colorado River Basin. Projections of reservoir levels are made 24 months into the future and released on a monthly basis. These projections take into account forecasted hydrology, reservoir operations, and diversion and consumptive use schedules to model a single scenario of reservoir conditions. Reclamation also conducts five-year projections of future conditions in the Colorado River system which are typically updated every January, April, and August of each year.

Data that reflects water availability from the Colorado River Basin is also made available in Metropolitan's water supply conditions report. Conditions for the Colorado River Basin are generally

reflected in this report through a reporting of actual and projected precipitation and snowpack in the Upper Colorado River, unregulated inflow into Lake Powell, and storage in Lake Powell and Lake Mead.



3.2.1.3 Metropolitan Water Supply Allocation Plan

As stated in Section 3.2.1.1 and 3.2.1.2, roughly 55 percent of Metropolitan's imported water supply comes from the SWP and the CRA. Metropolitan's WSAP is Metropolitan's policy and formula for equitably allocating available water supplies to member agencies during extreme water shortages when Metropolitan determines it is unable to meet all its demands. Metropolitan's WSAP identifies ten levels of shortage designed to reduce demands by up to 50 percent of the WSAP's calculated base demand. Based on the shortage level established by Metropolitan, the WSAP provides a reduction allocation to a member agency for its Municipal and Industrial (M&I) retail demand and replenishment demand. The WSAP considers historical local water production, full service treated water deliveries, agricultural deliveries and water conservation efforts when calculating each member agency's allocation.

Three Valleys has developed a WSAP to implement Metropolitan's WSAP within the Three Valleys service area in a manner that is fair and equitable to Three Valleys' member agencies. Three Valleys' WSAP was prepared in collaboration with its member agencies and adopted in 2009. Three Valleys' WSAP limits how much water can be purchased during the fiscal year without incurring a penalty. The limit varies depending on a number of factors, but mainly local groundwater extracted during the fiscal year. Three Valleys' WSAP mirrors the 10 stages of Metropolitan's WSAP.

Metropolitan's and Three Valleys' WSAPs do not require Three Valleys' member agencies to reduce demands during shortage, rather they incentivize demand reduction through fees for excessive use. Metropolitan charges penalties for use above an allocation established by implementing one of the ten stages of its WSAP and Three Valleys' WSAP passes any penalties charged through to the member agencies that contributed to accruing the penalties. Demand reductions are voluntary and supplies beyond the allocation can still be purchased at higher penalty rates.

Metropolitan is responsible for recommending a WSAP shortage level for each allocation year which is defined as the period between July 1 to June 30. To facilitate this recommendation, Metropolitan tracks and reports on storage reserve levels and projected supply and demand conditions between January and March of each year. In April, Three Valleys along with other Metropolitan member agencies report their projected supplies for the coming allocation year. This information is incorporated in Metropolitan staff analysis of storage reserves and projected supply and demand

conditions in order to provide an allocation recommendation to the Board of Directors during their April meeting. The recommendation of a WSAP allocation directly informs Three Valleys and member agency Annual Assessments (*see* Section *3.3*).

3.2.2 Groundwater

Groundwater accounts for 35 to 45 percent of the region's water supply portfolio. Local groundwater supplies are provided from six different groundwater basins: Central Basin, Chino Basin, Main San Gabriel Basin (Main Basin), Puente Basin, Six Basins, and Spadra Basin, with the Chino Basin, Main Basin, and Six Basins providing the majority of the local groundwater supplies.

As previously mentioned, the Spadra Basin is managed by a GSA under SGMA. Under SGMA, groundwater basins are categorized into one of four priority categories: high-, medium-, low-, or very-low priority. SGMA requires medium- and high-priority basins to develop a Groundwater Sustainability Plan (GSP) with the goals of:

- Developing water budgets
- Assessing groundwater storage
- Developing sustainable management criteria, undesirable results to be avoided, and minimum thresholds to protect the basin for future supply.
- Identifying projects needed to ensure future sustainability of supplies and avoidance of undesirable results

While the Spadra Basin is designated as a very-low priority basin, a GSP was developed in early 2022 with the main objective of encouraging collaborative management of the Basin between all pumpers and maximizing beneficial use of the basin in a sustainable fashion under SGMA.

The remaining groundwater basins are adjudicated and managed by a watermaster. In general, each watermaster is responsible for managing and controlling the withdrawal and replenishment of water supplies into the basin; determining annually the operating safe yield (or the amount of groundwater that can be safely extracted); acquiring and spreading replenishment water as needed; and coordinating local involvement in efforts to preserve and restore the quality of groundwater in the basin. Annually, each adjudicated basin is generally required to report to DWR:

- Groundwater elevation data
- Groundwater extraction for the preceding year
- Surface water supply used for or available for use for groundwater recharge or in-lieu use
- Total water use
- Change in groundwater storage

To that end, each watermaster produces an annual report that identifies this information along with other information relevant to each basin, such as groundwater quality data.

The watermasters for those groundwater basins that provide the majority of the groundwater supplies for the region (Chino Basin, Main Basin, and Six Basins) reassess the operating safe yield of each basin on an annual basis. The Main Basin watermaster typically updates their 5-year outlook of the

operating safe yield on a fiscal year basis around May of each year. The Six Basins watermaster typically makes the determination of the operating safe yield for the subsequent calendar year by November of each year. The operating safe yield for the Chino Basin is recalculated around January of each year.

These frameworks provide the mechanisms to monitor groundwater availability in the near- and long-term to ensure that the groundwater basins relied upon by the region are sustainably managed into the future.

3.3 Annual Supply and Demand Assessments

Three Valleys and its member agencies who are defined as urban water suppliers[1] are required to submit an Annual Assessment on or before July 1 of each year. The Annual Assessment is an evaluation of the near-term outlook for supplies and demands and is instrumental in providing guidance to Three Valleys and its member agencies for decisions regarding:

- Potential declarations of a water supply shortage and implementation of water shortage stages
- Instituting mandatory water restrictions
- Promoting water use efficiency and conservation programs
- Water rates and drought rate surcharges, and
- The necessity of pursuing alternative water supplies

The Annual Assessment is generally initiated between January and March of each year. During this timeframe, Three Valleys and its member agencies review demands from the previous July to December time period along with groundwater basin conditions (as applicable), local hydrology, and the imported water supply outlook as projected during the initial SWP allocation announced in the November to December timeframe. Following this review, Three Valleys and its member agencies initiate the Annual Assessment following Metropolitan's decision to recommend a WSAP allocation in April, since this recommendation directly impacts the imported water supplies that will be made available to the region. The methodology for the Annual Assessment includes the evaluation of supplies, demands, and other factors that might affect the availability of water supplies:

- Water Supplies: Available water supply sources within the region are quantified based on a review of current production capacities, historical production, and existing water supply planning documents.
- Unconstrained Water Demand: Unconstrained demands (i.e., demands prior to any projected response actions) are estimated for the current year and the upcoming year (which is assumed to be a dry year). This estimation will include factors such as weather, existing and projected land uses and populations, actual customer consumption and water use factors,

[1] Urban water supplier is defined as a supplier, either publicly or privately owned, that provides water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually.

monthly urban water supplier monitoring reports, existing water shortage levels, and existing water conservation ordinances.

- Planned Water Use for Current Year Considering Dry Subsequent Year: The water supplies available to meet demands during the current year and the upcoming single dry year will be identified. This evaluation will include factors such as estimated water demands, weather, groundwater basin operating safe yields, water quality results, existing available pumping capacities, imported water allocations, contractual obligations, regulatory issues, use of emergency interconnections, and the costs associated with producing each water supply source.
- Infrastructure Considerations: The capabilities of the water distribution system infrastructure to meet the water demands during the current year and the upcoming (single dry) year are considered. Available production capacities (e.g., groundwater well capacities) and distribution system water losses are reviewed. In addition, capital improvement and replacement projects, as well as potential projects which may increase water system and production capacities are considered.
- Other Factors: Additional local considerations which may affect the availability of water supplies are also described.

As stated above, the Annual Assessments by Three Valleys and its member agencies are required to be completed by July 1 of each year.

Information from each Annual Assessment is required by DWR to be summarized in an Annual Shortage Report, which also must be submitted to DWR by July 1 of each year. The Annual Shortage Report summarizes information from the Annual Assessment and includes information on anticipated shortage, triggered shortage response actions, compliance and enforcement actions, and communication actions. The Annual Assessments will be instrumental in providing guidance to the District for decisions regarding potential declarations of a water supply shortage and implementation of water reduction stages, instituting mandatory water restrictions, promoting water use efficiency and conservation programs, water rates and drought rate surcharges, and the necessity of pursuing alternative water supplies. This process will help ensure adequate water supplies resources are available to the District.

3.4 Triggers

In response to Three Valleys and member agency Annual Assessments along with water availability data which is made available throughout each year, Three Valleys and its member agencies may have a need to manage water supplies to minimize the impacts of potential shortages. To that end, Three Valleys and its member agencies that are considered urban water suppliers have each developed a WSCP. The WSCP serves as a framework for preparing for and responding to water shortages within each respective agency's service area boundary.

Collectively as a region, Three Valleys and its member agencies that are defined as urban water suppliers identify six standard water shortage levels that correspond to a gap in supply compared to normal year availability. The six standard water shortage levels correspond to progressively increasing

estimated shortage conditions (up to 10, 20, 30, 40, 50 percent, and greater than 50 percent shortage compared to the normal reliability condition) and align with the response actions that each water supplier will implement to meet the severity of the impending shortages. These six standard water shortage levels (Table 3-1) serve as the region's triggers for responding to supply shortages and initiating response actions to help manage available supplies.

Section 6 includes Table 6-1, which provides the agencies' shortage response actions associated with each shortage, as well as Table 6-2, which presents quantitative estimates of demand reduction volumes by agency.

Table 3-1. Regional Water Shortage Levels and Corresponding Shortage Ranges

Shortage Level	Percent Shortage Range	Local Supply Drought Trigger	Imported Water Drought Trigger
1	Up to 10%	40 TAF of Local Water Supplies[1]	Water Supply Alert
2	Up to 20%	35–40 TAF of Local Water Supplies[1]	MWD WSAP Levels 1 & 2
3	Up to 30%	25–30 TAF of Local Water Supplies[1]	MWD WSAP Levels 3 & 4
4	Up to 40%	20–25 TAF of Local Water Supplies[1]	MWD WSAP Levels 5 & 6
5	Up to 50%	15–20 TAF of Local Water Supplies[1]	MWD WSAP Levels 7 & 8
6	>50%	< 15 TAF of Local Water Supplies[1]	MWD WSAP Levels 9 &10

[1] *Total local supply contribution is about 48 TAF.*

As mentioned previously, the Annual Assessment will provide information on their anticipated shortage, triggered response actions, compliance and enforcement actions, and communication actions. Three Valleys, along with the Three Valleys retail agencies, at least in part, use the Annual Assessment to determine whether the potential for a supply shortage exists and to enact its water shortage stages.

As part of the development of this DCP, the region has developed a set of three key conditions that could suggest an imminent water shortage. If one or more of these conditions are met, Three Valleys and its member agencies will estimate the percent shortage range and activate the necessary shortage level as shown in Table 3-1. Condition A (Metropolitan imported supply shortages) is addressed through the imported water triggers shown in Table 3-1, while Conditions B and C are reflected through changes in local supply availability, represented by the sum of those local supply components. These conditions are as follows:

- Condition A: Metropolitan activates their WSAP (any allocation)
- Condition B: Reduced safe yield, relative to the average safe yield for the previous 10 years.
- Condition C: Loss of local supply production

The region has also established triggers for initiating a surplus conditions stage. Currently, the region has existing mechanisms to purchase surplus water supplies for recharge into the local groundwater basins, where it can be held for use in future drought conditions. During the surplus conditions stage, Three Valleys and its member agencies will initiate coordination to ensure the region is maximizing its ability to recharge all available surplus waters for use during future dry years. The triggers that the region will use to activate the surplus conditions stage are provided in Table 3-2.

Table 3-2. Surplus Conditions Stage Triggers

Surplus Water Source	Entity Source is Available To	Stage Trigger
SWP – Table A (Metropolitan)	Three Valleys	+50% allocation
SWP – Article 21 (Metropolitan)	Three Valleys	Any allocation

3.5 Regional Coordination

For Three Valleys, a water shortage level must first be adopted as a resolution during scheduled board meetings. In accordance with the Three Valleys' communication protocol, for each shortage level Three Valleys will hold a public hearing to address comments in connection with the adoption of any resolutions declaring a water shortage level. Information pertaining to the adopted resolution will be provided to the public, customers, interested parties, and local agencies.

The mandatory conservation requirements applicable to the water shortage conditions will take effect on the 10th day after the date the shortage level is declared. Within five days following the declaration of the shortage level, Three Valleys will publish a notice of the adoption of the resolution in a local newspaper used for publication of official notices. If Three Valleys activates a water allocation process, Three Valleys will provide notice of the allocation by including it in the regular billing statement or by any other mailing to the address to which Three Valleys customarily mails the billing statement for fees or charges for on-going water service. A water allocation will be effective on the fifth day following the date of mailing or at such later date as specified in the notice.

The information provided will include the declared shortage level, response action associated with each shortage level (see Section 6), and any other relevant information relating to the resolution.

In addition, Three Valleys and its member agencies have an existing mechanism in place to facilitate the coordination and information sharing associated with monitoring near- and long-term water availability. Each month, Three Valleys holds a member agency manager's meeting where each of its member agency general managers and support staff are invited to attend. The meetings serve as a forum to review water availability data, discuss the need for triggering water shortage levels, and coordinate drought responses and messaging.

The cities of Claremont and La Verne are known as "SWP Dependent Areas" – meaning that they are solely dependent on imported water from the SWP and cannot receive CRA supplies. Consequently, at the height of the last drought in 2022, Claremont and La Verne activated a Stage 5 shortage level, indicating a 50 percent shortage condition. During the timeframe that these agencies were in Stage 5,

additional meetings outside of the regular member agency manager's meeting took place to facilitate increased coordination and information sharing. During the implementation phase of this DCP, Three Valleys will increase the frequency of meetings with any member agency or agencies that are in Stage 5 or above. These meetings will take place at least twice monthly.

4 Vulnerability Assessment

The study of climate change impacts on water resources continuously produces new models and updates to local and regional datasets. This continuous improvement necessitates a focused selection of data sources and analysis methods that are most applicable to local conditions. The scope of this vulnerability assessment is specifically geared towards enhancing the understanding of the impacts of climate change on future water demand in Three Valleys wholesale service area and the sources of Three Valleys water supplies during normal and drought periods.

This chapter describes the retrieval and analysis of climate data provided by DWR to project the impact of climate change on future water supplies and demands within the Three Valleys service area. The DWR climate data combines findings from 20 global climate models that closely represent California's climate processes. To account for biases in the climate model results, climate projections are presented as relative changes from historical conditions rather than absolute values. This adjustment is achieved by referencing historical hydrologic data in the state, covering the period from 1915 to 2011. The resulting ratio of a simulated future value to its corresponding simulated historical value is termed a "change factor." The change factors are applied to baseline water supply and demand to project changes in the water budget within the Three Valleys service area.

4.1 Summary of Vulnerability Assessment Results

Overall, the results of the vulnerability assessments indicate:

- Minor decreases projected in average annual water supplies from the San Gabriel River basin during drought (single year and multi-year) years relative to baseline conditions due to shifts in precipitation from winter to fall and projected increases in surface water evaporation caused by increasing temperatures, particularly under the extreme warming climate scenario.
- A shorter rainy season with potential for higher intensity precipitation events resulting in higher peak flows of shorter duration. The net impact on annual groundwater recharge will be minimal if flow diversion facilities and recharge basins maintain adequate capability to handle the increased flow rates.
- Projected increases in outdoor water uses under normal, single dry, and multi-year drought conditions, caused by projected temperature increases, which lead to higher evapotranspiration (ET) rates for landscaping, irrigated crops, and native vegetation. Average annual outdoor water use by customers within the Three Valleys service area could increase by up to six percent under the most severe (Dry Hot) climate change scenario.
- A comparison of Three Valleys and Metropolitan's water budget projections under future climate conditions shows similar total demand projections, with Three Valleys showing increased reliance on imported surface water (supplied by Metropolitan) in its future projections. This increased reliance in Three Valleys projections occurs because local water supplies are projected to remain nearly constant while water demand increases due to future growth and increased climate-related water deficits. This highlights the need to develop mitigation actions to reduce future reliance on imported surface water.

These results are described in greater detail throughout Chapter 4 which provides:

- A description of the area that is the subject of the vulnerability assessment
- A description of the analysis approach and the data sources
- Narrative discussions regarding the climate change factors calculated for local supply and demand conditions in various scenarios
- Discussion of the water supply and demand projections resulting from the vulnerability assessment
- A comparison of Three Valleys water supply and demand projections resulting from the vulnerability assessment with the regional projections developed as part of the ongoing Metropolitan 2020 Integrated Water Resources Plan (IRP) process

4.2 Details of Vulnerability Assessment Results

4.2.1 DCP and Water Resources Master Plan Requirements for Climate Change Analysis

As part of the DCP, a vulnerability assessment is essential to understand the characteristics and potential risks associated with future droughts and to formulate appropriate mitigation and response actions. Since future droughts cannot be predicted solely based on observed past drought information, it becomes necessary to include a climate change analysis. This analysis incorporates historical and future climate projections to assess the hydrological impacts of climate change on drought conditions, ultimately leading to the development of a more effective plan. The DCP necessitates both qualitative and quantitative assessments of potential drought conditions derived from climate change information to evaluate potential risks to critical resources.

Imported water projections are also a crucial element for development of the Water Resources Master Plan and DCP. Projections for imported water in the Three Valleys service area were developed by Metropolitan as part of their 2020 UWMP Drought Risk Assessment and the Metropolitan 2020 IRP. Metropolitan's 2020 UWMP Drought Risk Assessment (dated June 2021) indicates that Metropolitan has adequate supplies to meet imported water demands in its State Water Project-dependent areas (including Three Valleys) during normal, single dry years, and 5-year drought periods before 2045 (Metropolitan 2020 UWMP, Table 2-4 and Table 2-5). However, the UWMP analysis was conducted assuming historical climate conditions.

The Metropolitan 2020 IRP considered a range of more extreme potential future scenarios, including: low demand with stable imported supplies, high demand with stable imported supplies, low demand with reduced imported supplies, and high demand with reduced imported supplies. The IRP analysis revealed that service reliability issues could occur more frequently and lead to increasingly severe deficits of imported supplies under the high future demand scenarios in the 2045 period. Options for managing these potential future imported water supply deficits will be explored more extensively as part of the analysis for the DCP. The climate change analysis developed for Three Valleys, as described herein, enhances knowledge of the relative vulnerability of different water supplies for the service area and supports the development of mitigation actions to reduce or eliminate future deficits.

4.2.2 Prior Climate Studies

Climate change is primarily caused by the increasing global concentrations of greenhouse gases, resulting in higher temperatures, disruptions in the hydrologic cycle, and increased precipitation variability. This section provides a summary of the regional impacts of climate change, which were analyzed in California's Fourth Climate Change Assessment (2018). California produces periodic assessments of the potential impacts of climate change in the state and reports on potential adaptation responses as required by Executive Order #S-03-05. California's Fourth Climate Change Assessment includes a Statewide Summary Report (Bedsworth et al., 2018), nine regional summary reports, a climate justice summary report, and over 40 technical reports that translate climate science into actionable adaptation and resilience policies and plans. The Los Angeles Regional Report (Hall et al., 2018) summarizes climate science, impacts, and adaptation information for Ventura, Los Angeles, Orange, San Bernardino, and Riverside counties. This study projects regional increases in average maximum temperatures of approximately 4 to 5 degrees Fahrenheit (°F) by the mid-21st century and 5 to 8°F by the late 21st century. The hottest days of the year could be up to 10°F warmer for many locations in the region by the late 21st century.

California's report also projects slight changes in average annual precipitation and the frequency of extreme dry and wet years. However, there could be intensified rainfall leading to more severe atmospheric river events and up to a 25 to 30 percent increase in rainfall on the wettest days of the year. While these assessments offer insights into the regional climate impacts' magnitude, they do not provide information at a scale directly applicable to local watersheds, water supplies, and demands.

4.2.3 Vulnerability Assessment Objectives

The objectives of this vulnerability assessment are to:

1. Identify the appropriate datasets for use in this analysis
2. Project the magnitude of climate-driven changes in water supply and demand for the Three Valleys service area
3. Estimate the projected future impacts by applying climate change factors to the water supply sources and water demands in the Three Valleys service area

Temperature increases and changes in precipitation patterns due to climate change are expected to alter the balance between local water supply and demand within the Three Valleys service area and other parts of the state. Rising temperatures will result in higher consumptive water use for maintaining landscaping in residential, commercial, and recreational areas. This increased consumptive water use will be compounded by greater evaporation from open spaces and water bodies, as well as by water consumption by native vegetation outside of urban zones. Furthermore, population growth in the planning area may further drive increased demand.

Annual precipitation in Southern California exhibits significant variability, with a substantial portion of regional rainfall occurring during the winter months from November to April. There are typically years characterized by significantly above-average precipitation as well as those with notably below-average precipitation. During wet years, seasonal precipitation serves to replenish aquifers, streams,

rivers, and reservoirs, all of which constitute vital water supply sources. Conversely, during dry years, there is heightened reliance on groundwater reserves to compensate for the deficit. Climate change is expected to intensify year-to-year precipitation variability in the region, as well as in other areas of the state that serve as sources of imported water.

4.2.4 Baseline Water Budget

Estimates of baseline water supply are compiled from Three Valleys' Local Supply Production Surveys and Three Valleys' Water Sales records. The Local Supply Production Survey data are compiled from member agency data documents, annual groundwater production, recycled water use, and surface water use. Three Valleys' Water Sales records detail the amount of imported water delivered for direct consumptive use and water delivered for replenishment. The sum of consumptive use and replenishment water supply is the net demand on Metropolitan.

The 5-year period from 2018 to 2022 is adopted as the baseline period for the water budget analysis. This is the most recent 5-year period for which complete water supply data are available from member agencies. In addition, this 5-year period includes a severe drought period with low water availability from 2018 to 2019 as well as a period with high water availability from 2020 to 2021. The total average baseline water supply is shown in Table 4-1.

Table 4-1. Baseline Water Supply Sources in Acre-Feet

Supply (AF)	2018	2019	2020	2021	2022	Average
Groundwater	39,291	35,885	41,260	38,268	36,876	**38,316**
Recycled Water	4,134	5,246	5,518	6,473	6,722	**5,619**
Surface Water	2,252	4,981	5,825	3,622	7,119	**4,760**
Imported Water Consumed	51,342	57,435	59,569	63,377	53,450	**57,035**
Imported Water Replenished	16,001	17,880	5,122	395	211	**7,922**
Total Local Supply	45,676	46,112	52,603	48,362	50,717	**48,694**
Total Imported Water	67,343	75,315	64,691	63,772	53,661	**64,956**
Total Water Supply	113,019	121,427	117,294	112,135	104,378	**113,651**
Contribution of Imported Water to Total Water Supply	**59.6%**	**62.0%**	**55.2%**	**56.9%**	**51.4%**	**57.0%**

Note: AF = acre-feet.
Source: Data aggregated from Three Valleys' Local Supply Production Surveys and Three Valleys' Water Sales records.

The total water demand for 2020, aggregated from member agency UWMPs, is shown in Table 2-3. These demand estimates are much higher than the actual water use baseline. The combination of conservation measures and water use restrictions that has been imposed for most of the past 15 years due to recurring regional droughts has likely contributed to actual water use being lower than estimated water demand.

Projections of future water demand due to growth, aggregated from member agency 2020 UWMPs, are shown in Table 2-4. The cumulative annual growth rates are calculated based on the change in population from the baseline 2020 values. The aggregated demand and associated future projection

are not directly used in the vulnerability assessment because these values exceed the actual baseline water use. Instead, the growth rates are used with the actual baseline water use of 113,651 AF/year and climate change factors to develop new demand projections in subsequent steps.

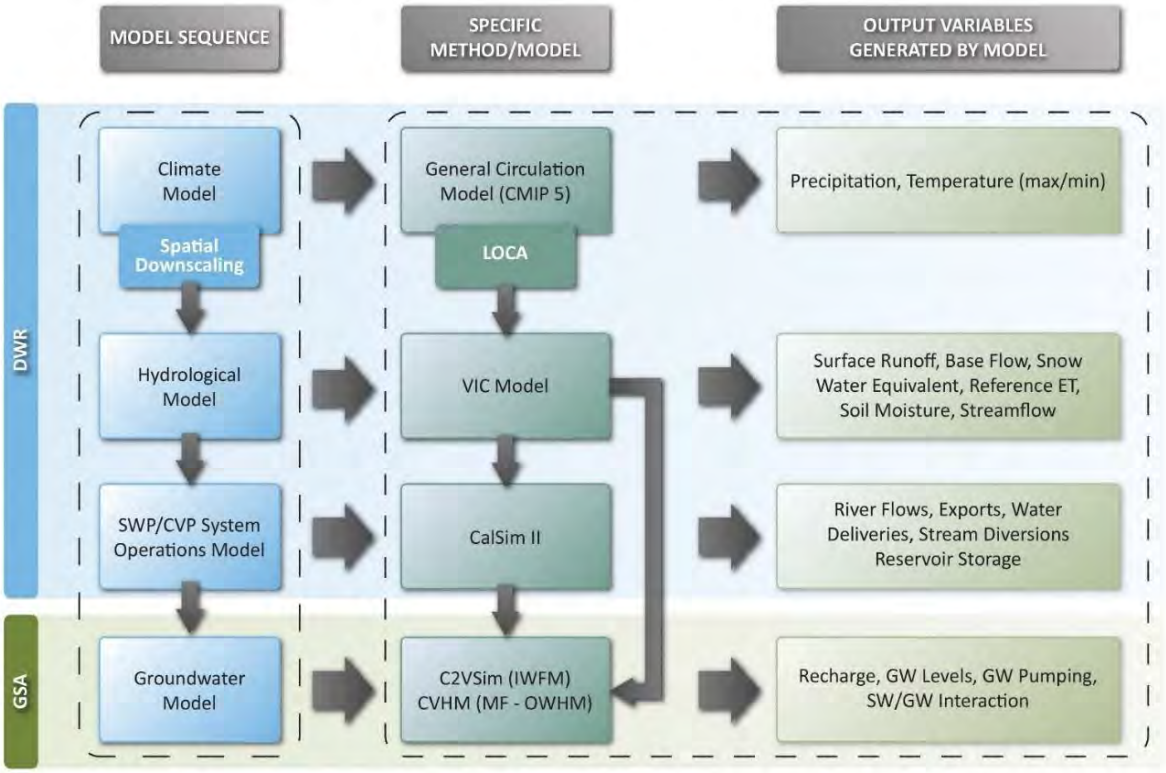
4.2.5 Description of Climate Data Sources

DWR has compiled statewide climate change datasets for utilization in water resource planning. Climate conditions in California under historical and future scenarios are presented in the following datasets:

- Year 2030 future conditions, reflecting projected climate and sea level conditions for a 30-year period centered around 2030
- Year 2070 future conditions, reflecting projected climate and sea level conditions for a 30-year period centered around 2070
- Year 1995 historical conditions, representing climate and sea level conditions for a 30-year period centered around 1995

The 2030 and 2070 climate projections rely on an ensemble of 20 global climate models selected by the DWR Climate Change Technical Advisory Group as the most suitable for assessing and planning California's water resources. This dataset contains data from 1915 through 2011 for the entire state of California at a spatial resolution of 1/16th degree (approximately 3.75-mile grid cells) and a monthly temporal resolution.

Figure 4-1 provides an overview of the modeling processes utilized by DWR, highlighted in blue background. The bottom row of the image highlighted in green, illustrates how individual groundwater sustainability agencies are expected to utilize the data in groundwater models to simulate groundwater conditions to achieve sustainability objectives.



DWR: Department of Water Resources; GSA: Groundwater Sustainability Agency; SWP: State Water Project; CVP: Central Valley Project; LOCA: Localized Constructed Analogs; VIC: Variable Infiltration Capacity; CalSim: SWP & CVP Operations Model; C2VSim: California Central Valley Groundwater - Surface Water Simulation Model; IWFM: Integrated Water Flow Model; CVHM: Central Valley Hydrologic Model; MF - OWHM: MODFLOW One Water Hydrologic Flow Model; ET: Evapotranspiration, SW: Surface Water; GW: Groundwater; CMIP 5: Coupled Model Intercomparison Project

Figure 4-1. Overview of Modeling Processes Used by DWR in Creating the Statewide Climate Datasets (Source: DWR, 2018)

DWR has also processed the climate datasets through a hydrologic model known as the Variable Infiltration Capacity (VIC) model. This model is used to simulate future hydrologic conditions and route runoff to the outlet of subbasins defined by each eight-digit Hydrologic Unit Code (HUC) in California. Streamflow change projections from the VIC model are provided as a monthly time series from 1915 through 2011. As depicted in Figure 4-2, the VIC model takes input climate variables, such as precipitation and temperature, and performs a series of hydrologic computations within each cell to produce variables like soil moisture, ET, and surface runoff within each cell. Subsequently, a streamflow routing algorithm known as RVIC is employed to direct runoff from each cell to its associated subbasin outlet.

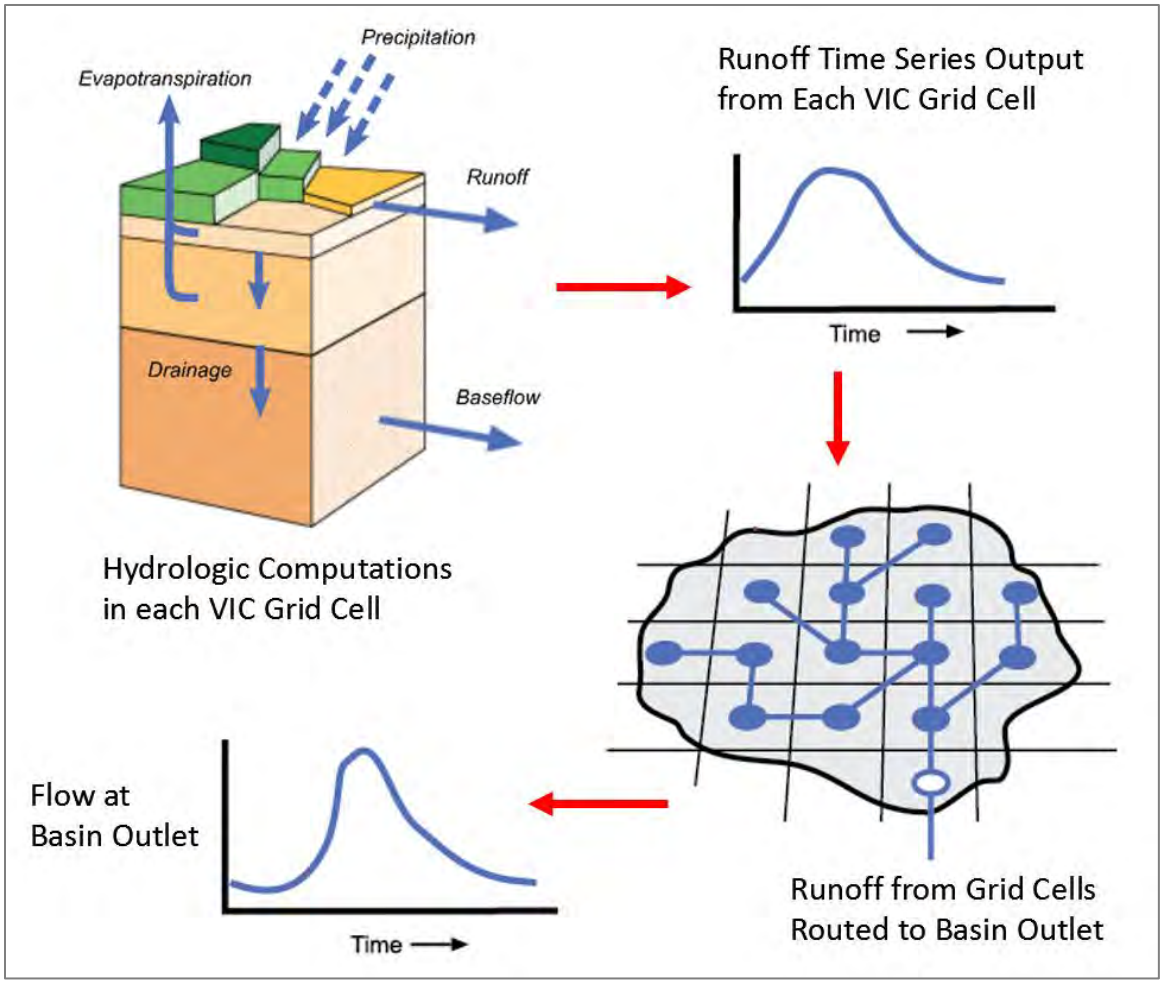


Figure 4-2. Schematic of the VIC Model Showing Hydrologic Computations Within Each Grid Cell and Runoff Routing (Source: University of Washington Computational Hydrology Group, 2016)

DWR has utilized the VIC model to conduct hydrologic simulations under both historical climate conditions and projected future climate conditions in 2030 and 2070 across more than 8,000 grid cells statewide. Runoff from these grid cells has also been directed to the outlet of each eight-digit HUC watershed in the state for incorporation into water resource planning. As depicted in Figure 1, climate assessments involve a sequence of models, each of which introduces certain biases into the modeling process and the derived products. To minimize the impacts of these biases on decision-making processes, DWR presents the simulated climate projections as relative changes from historical conditions rather than absolute values. For instance, each monthly precipitation value simulated under 2030 conditions is divided by the precipitation value simulated for the same month under historical conditions using the same sequence of models. As stated previously, this resulting ratio of a simulated future value to the corresponding simulated historical value is referred to as a "change factor." DWR has computed monthly time series of change factors for precipitation and ET in each VIC grid cell and for streamflow in each HUC-8 watershed. These change factor datasets can be retrieved from the publicly accessible Sustainable Groundwater Management Act Data Viewer (https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer) for use in water resources planning. A

more comprehensive description of the methods used to compute the climate datasets is provided in a publication titled "Guidance for Climate Change Data Use During Groundwater Sustainability Plan Development" (DWR, 2018).

4.3 Climate Analysis Approach

4.3.1 Preprocessing Data for the Three Valleys Service Area

For the Three Valleys service area, the statewide climate datasets comprise 17 grid cells, each with a spatial resolution of 1/16th degree. Each grid cell contains 97 years of monthly time series (1915-2011) displaying projected precipitation and ET changes under 2030 and 2070 climate conditions relative to 1995 conditions. The portion of each grid cell within the Three Valleys service area is estimated by spatially intersecting feature layers of the climate grid with the Three Valleys service area boundary. Regional time series of projected precipitation and ET changes are computed from the cell time series by calculating an area-weighted average of data from grid cells that fall wholly or partially within the service area. Projections of future streamflow change were also obtained for the San Gabriel River (HUC-18070106) basin, which supplies surface water to portions of the service area as shown in Figure 4-3.

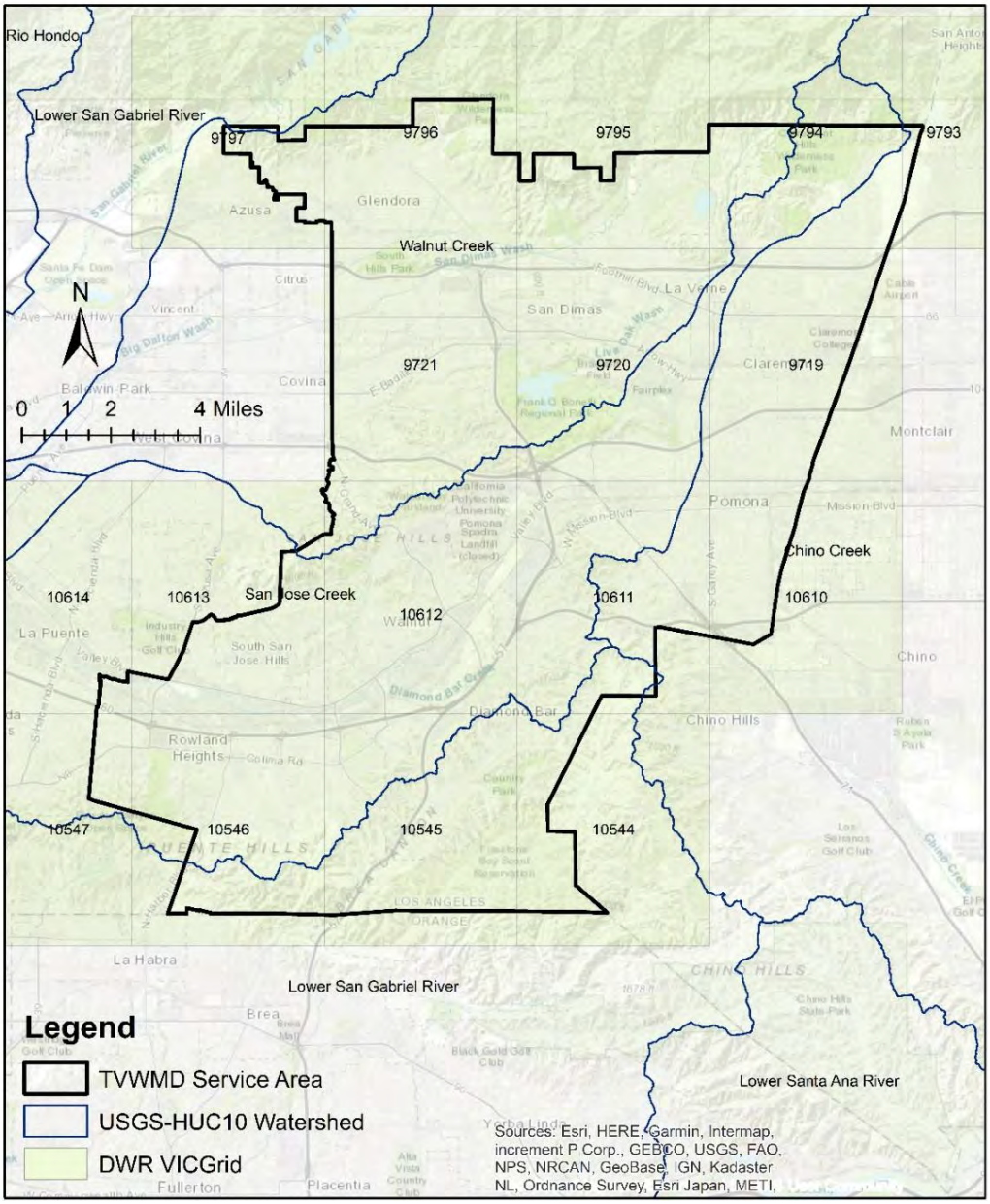


Figure 4-3. Climate Grid Cells and Watersheds Covering the Three Valleys Service Area

Three potential climate conditions were considered for this analysis:

- Drier future conditions with Extreme Warming (Dry Hot)
- Median future conditions (Median)
- Wetter future conditions with Moderate Warming (Wet Warm)

There are two extreme scenarios (Dry Hot and Wet Warm) that are derived from a set of ten global climate models. The first extreme scenario (Dry Hot) employs future projections from the ten global climate models with the least warming and least precipitation, while the second extreme scenario (Wet Warm) utilizes the ten global models with the most warming and highest precipitation.

4.3.2 Analysis of Normal, Single, and Multi-Year Dry and Wet Periods

Every urban water supplier is required to assess water service reliability in normal years, single-dry years, and multiple-dry years lasting 5 years. For imported water supplies, the normal, wet, and dry years used by Metropolitan, based on a historical analysis period of 1922 to 2004, are adopted for Three Valleys since it is the largest source of imported water. For local water supplies, year types are selected from the Glendora West Station gauge, which has extensive historical records from 1883 to 1998. The data are available online from the DWR Flood Emergency Information Exchange (FERIX) website at https://ferix.water.ca.gov/webapp/precipitation/. The analysis of year types for the Glendora West Station gauge and the State Water Project is presented in Table 4-2.

Table 4-2. Analysis Periods for Normal, Single, and Multi-Year Dry and Wet Periods

Year Type	Event Years for Three Valleys (Glendora West Station Gauge)	Event Years for State Water Project Imported Supplies
Normal	1922-1998	1922-2004
Single Dry-Year	1961	1977
5-Year Drought	1959-1963	1988-1992
Single Wet-Year	1978	1999
5-Year Wet	1978-1982	1995-1999

The results in Table 4-2 show that 1961 was the single driest year locally, with only 7.67 inches of rainfall. The driest 5-year period for local supplies spanned from 1959 to 1963. On the contrary, the single wettest year on record occurred in 1978, with 46.55 inches of rainfall. The wettest 5-year period was 1978 to 1982. Despite having similar periods of record, the extreme year types for imported supplies from the State Water Project occur during very different years. The results show that 1977 was the driest year for imported water supplies. The driest 5-year period for imported water supplies was from 1988 to 1992. The single wettest year for imported water supplies was 1999, and the wettest 5-year period was from 1995 to 1999.

These differences between when different year types occur for local and imported water sources have significant implications for managing droughts. Local entities may need to plan implementation of drought management strategies and water shortage operations that consider both local water supply conditions and imported water supply availability. Metropolitan has extensive storage facilities that can provide water supply to buffer short-term reductions in imported supplies from the State Water Project. However, water agencies in the Three Valleys service area must implement plans to enhance their resilience to local droughts and to capture excess water during exceptionally wet periods. The event years from the Glendora West Station gauge are used for assessing drought conditions and regional drought contingency planning.

Figure 4-4 shows the annual and 5-year rainfall from 1922 to 1998 for the Glendora West Station gauge with the wettest and driest 1-year and 5-year periods highlighted in blue and yellow, respectively.

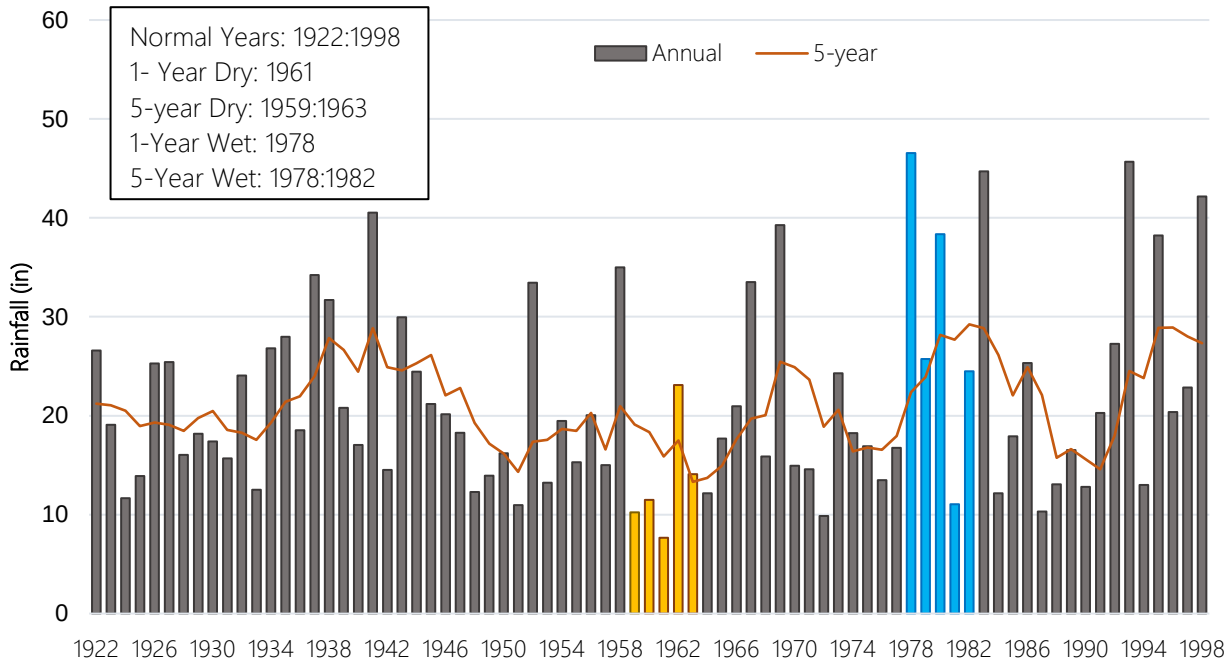


Figure 4-4. Annual Rainfall at Glendora West Station

4.3.3 Computing Water Supply Change Factors

Water sources used within the Three Valleys service area include imported water from Metropolitan, local groundwater from six different groundwater basins, recycled water, and surface water:

Imported water: Imported water accounts for roughly 50 to 60 percent of the region's water supply portfolio. Three Valleys receives imported water from Metropolitan and then distributes it to its member agencies. Treated imported water is directly provided to Three Valleys member agencies through the service connections linked to the Metropolitan distribution system. Untreated imported water is transported to the District's Miramar Water Treatment Plant, where it undergoes treatment before being distributed to member agencies. Untreated imported water may also be used to replenish local groundwater basins.

Groundwater: Groundwater accounts for roughly 35 to 45 percent of the region's water supply portfolio. The region has historically extracted groundwater from the Central Basin, Chino Basin, Main Basin, Puente Basin, Six Basins, and Spadra Basin. Groundwater systems are recharged through various water sources, including:

- Natural recharge: This constitutes the portion of precipitation that infiltrates into the underlying aquifer within the same grid cell where the precipitation occurs. Changes in natural recharge are directly linked to changes in precipitation within the grid cell.
- Artificial recharge (including injection systems): This involves diverting water from rivers and streams to replenish the underlying aquifer. As artificial recharge relies on surface water and other remotely sourced water supplies, it is influenced by cumulative flow changes in the source watersheds.

Recycled water and reclaimed water: Recycled and reclaimed water can also serve as a supply source for local use and groundwater recharge. Historically, recycled water has accounted for roughly 5 percent of the region's water supply portfolio. Supplies of recycled and reclaimed water, derived from indoor uses, are generally less susceptible to changes in climate.

Surface water: Surface water supplies from the San Gabriel River and San Antonio Creek account for roughly 5 percent of the region's water supply portfolio.

Precipitation change projections sourced from the climate change datasets provided by DWR are used to characterize future changes in natural recharge. Computations are based on a 97-year monthly time series of precipitation for the Three Valleys service area. These data are employed to calculate Water Supply Change Factors, which reveal the percentage changes in mean monthly and mean annual precipitation. These changes are assessed under future climate conditions for both 2030 and 2070 in relation to historical conditions under 1995 conditions. The Water Supply Change Factors for 2030 and 2070 are determined using various scenarios, encompassing normal years, single dry years, single wet years, and 5-year wet and dry periods.

Characterizing future changes in the San Gabriel River relies on streamflow projections generated by the VIC model under the climate conditions of 2030 and 2070. These streamflow projections serve as the basis for calculating Water Supply Change Factors, which indicate the percentage shifts in mean monthly and mean streamflow. These shifts are assessed in comparison to historical conditions set at 1995 conditions. Change factors are likewise computed for various scenarios, including normal years, single dry years, single wet years, and 5-year wet and dry periods. Each set of Water Supply Change Factors is interpolated at 5-year intervals from 2020 to 2045. To project climate change conditions up to 2030, data from 1995 to 2011 are utilized. Linear interpolation is applied to determine the climate change factors between 2020 and 2030. This interpolation is based on historical conditions from 2011 and projected conditions for 2030. Different climate change conditions are expected between 2030 and 2070 due to the implementation of policies and practices influencing the rate of climate change over this extended period. For the years between 2030 and 2070, linear interpolation is again employed in 5-year increments, using the difference in projected conditions between 2030 and 2070. Time series of Water Supply Change Factors are likewise interpolated at 5-year intervals for normal years, single dry years, single wet years, and 5-year wet and dry periods, applicable to local water sources from 2020 to 2045.

4.3.4 Computing Water Demand Change Factors

Climate impacts are calculated separately for indoor and outdoor water usage. Generally, outdoor water usage, particularly for landscape irrigation, is sensitive to climate change. Indoor water usage, however, is relatively insensitive to climate change. In warmer climates, plants require more water to support their growth, and people tend to increase landscape irrigation to ensure their health. This increased water demand is quantified in climate models using the ET rate, which accounts for the total water released from soil, plants, and water bodies into the atmosphere through evaporation and transpiration.

For the Three Valleys service area, the statewide climate datasets comprise 17 grid cells, each with a spatial resolution of 1/16th degree (approximately 3.75-mile grid cells). Each grid cell contains a 96-year monthly time series (1915 to 2011) displaying projected ET changes under 2030 and 2070 climate conditions. Initially, an area-weighted average of the ET data from these 17 cells is computed to create a single time series for the Three Valleys service area. This regional time series is then used to calculate Water Demand Change Factors, which indicate the percentage changes in mean monthly and mean annual ET under future 2030 and 2070 climate conditions compared to historical conditions in 1995. Similar values of 2030 and 2070 Water Demand Change Factors are determined for normal years, single dry years, single wet years, and 5-year wet and dry periods. The Water Demand Change Factors are computed for 5-year intervals from 2020 to 2045 through interpolation. Data from 1995 to 2011 are used as a baseline for projecting climate change conditions to 2030. Linear interpolation is employed to determine the climate change factors between 2020 and 2030, utilizing historical conditions from 2011 and projected conditions for 2030.

Several factors are likely to influence the rate of climate change between 2030 and 2070, including the implementation of policies and practices likely to impact the long-term rate of climate change. For the years between 2030 and 2070, linear interpolation is applied in 5-year increments, considering the differences in projected conditions for 2030 and 2070.

Similarly, the 5-year time series of Water Demand Change Factors is interpolated for normal years, single dry years, single wet years, and 5-year wet and dry periods. These factors are then applied to growth-adjusted indoor water use projections for the years 2020 to 2045.

4.4 Local Climate Change Results

4.4.1 Water Supply Change Factor Results

The projected precipitation under the Dry Hot, Median, and Wet Warm scenarios is presented in Figure 4-5 through Figure 4-7. Detailed projected changes in rainfall under all the climate change scenarios are presented in Appendix B (Table B1, Table B2, and Table B3).

All scenarios indicate that changes will become more extreme by 2045. The Dry Hot and Median scenarios predict a decline in annual precipitation, while the Wet Warm scenario projects higher annual precipitation. Specifically, annual rainfall is predicted to decrease by 6.5 and 2.7 percent by 2045 under the Dry Hot and Median scenarios, respectively. In contrast, the Wet Warm scenario predicts a 3.4 percent increase over the same period.

Under the Dry Hot scenario, monthly precipitation gradually declines during most months of the year, particularly during early fall (October through November) and winter to early spring (January to May) when significant amounts of precipitation occur. However, precipitation gradually increases in September, which is also a wet month.

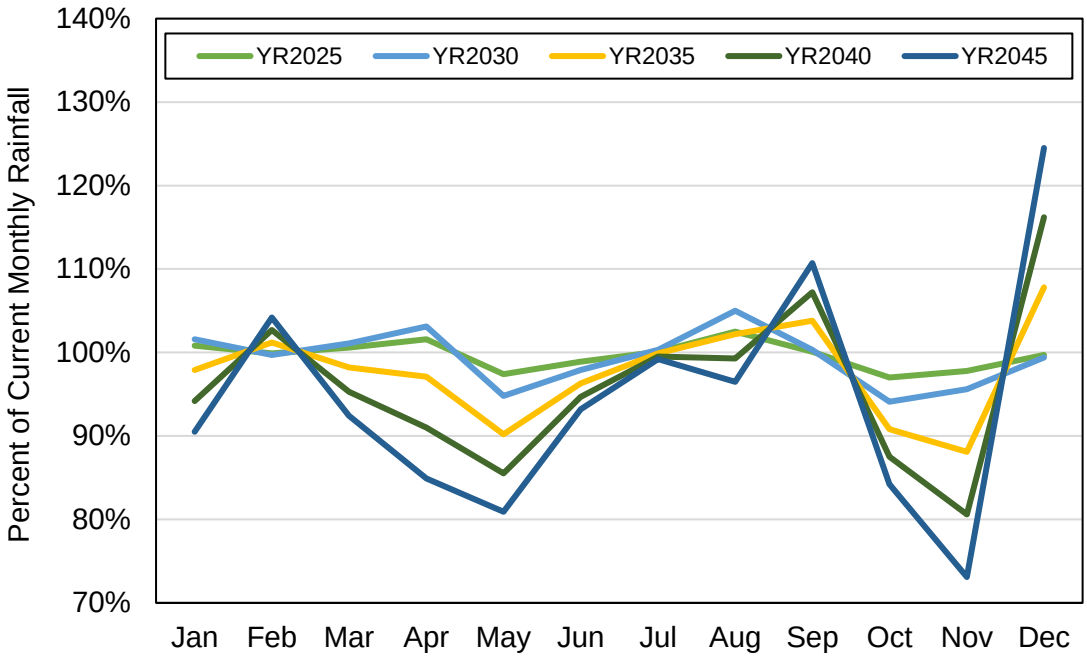


Figure 4-5. Projected Changes in Rainfall under Dry Hot Future Climate 2025 – 2045

The Median Future scenario would also result in decreases of up to 87 percent in May, October, and November, and increases of up to 106 percent during summer months from July to September.

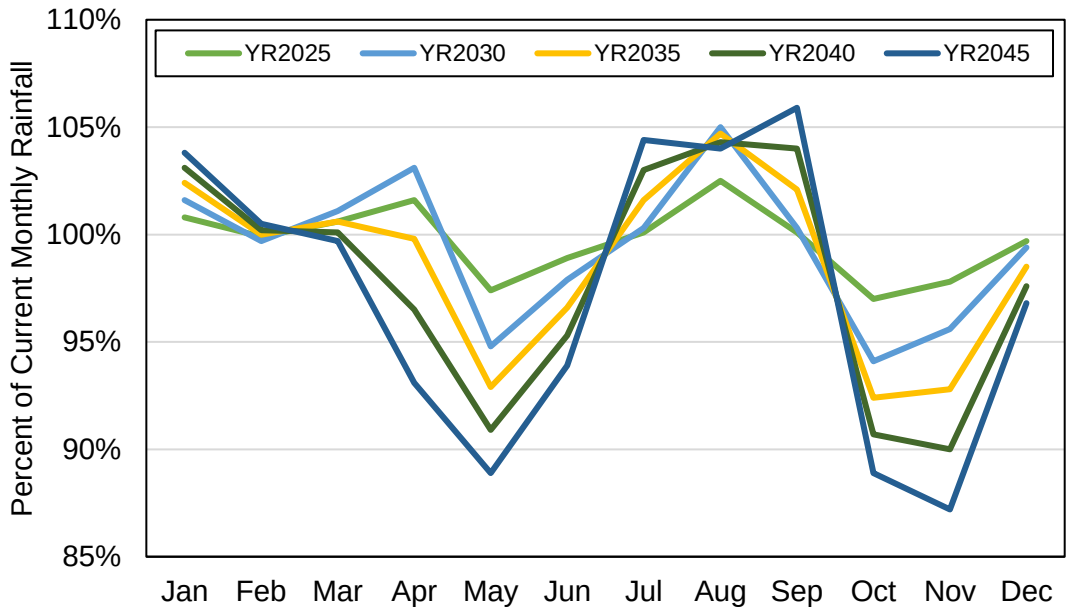


Figure 4-6. Projected Changes in Rainfall under Median Future Climate 2025 – 2045

The pattern of increasing September precipitation also occurs under the Wet Warm Future scenario (shown in Figure 4-7), with increases of up to 158 percent of current precipitation by 2045. The Wet Warm Future scenario would result in increases of up to 124 percent during February and March.

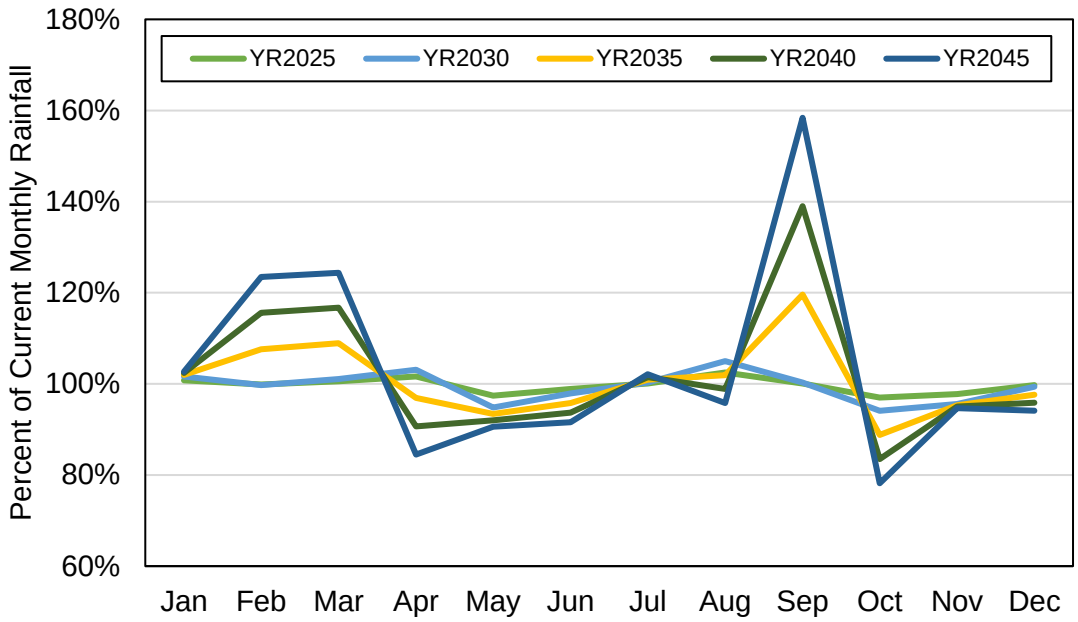


Figure 4-7. Projected Changes in Rainfall under Wet Warm Future Climate 2025 – 2045

Figure 4-8 shows the predicted changes in monthly absolute rainfall amounts under the various climate change scenarios for the year 2045. As shown in Figure 4-5 through Figure 4-7, the largest relative changes are projected to occur in April, May, and September. However, it is projected that the largest absolute changes will occur during the typically more humid months of February and March. Projections indicate an increase of up to 0.82 inches from the current climate during February under the Wet Warm Scenario by 2045.

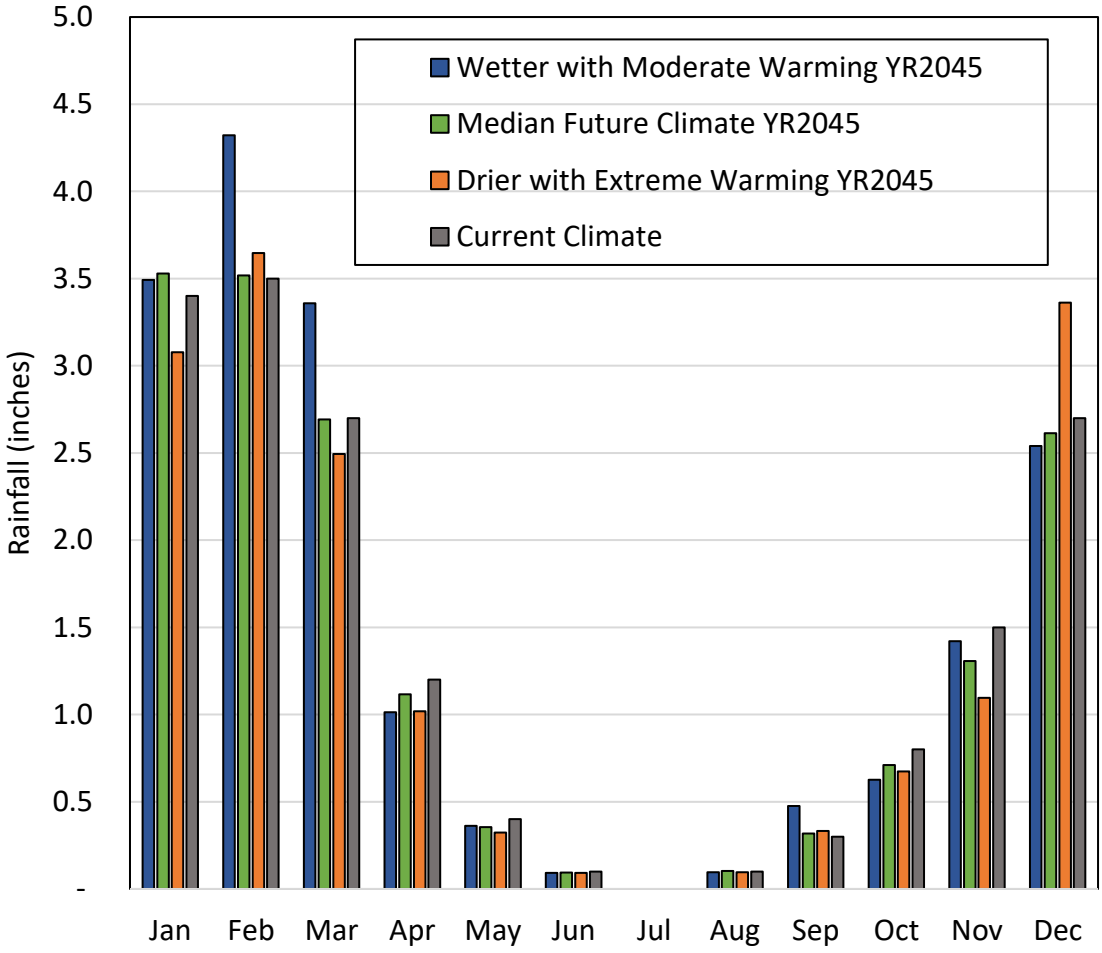


Figure 4-8. Projected Changes in Normal Year Rainfall – 2045

The pattern of change for natural groundwater supply is projected to be similar to rainfall. As shown in Figure 4-9, the most significant monthly increase in normal-year groundwater supply by 2045 is projected to occur during February and March under the Wet Warm scenario, and in December under the Dry Hot scenario. On an annual basis, the Dry Hot scenario predicts a net decrease of 1,110 AF/year in groundwater supply by 2045. The Median scenario would also result in a projected decrease of 780 AF/year of annual groundwater supply from the existing baseline supply of 38,316 AF/year. Under the Wet Warm scenario, groundwater supply is predicted to increase by 2,520 AF/year over baseline supply. These results indicate that there would be less water available from natural recharge under Median and Dry Hot Future scenarios while the Wet Warm scenario would increase natural yield above baseline conditions.

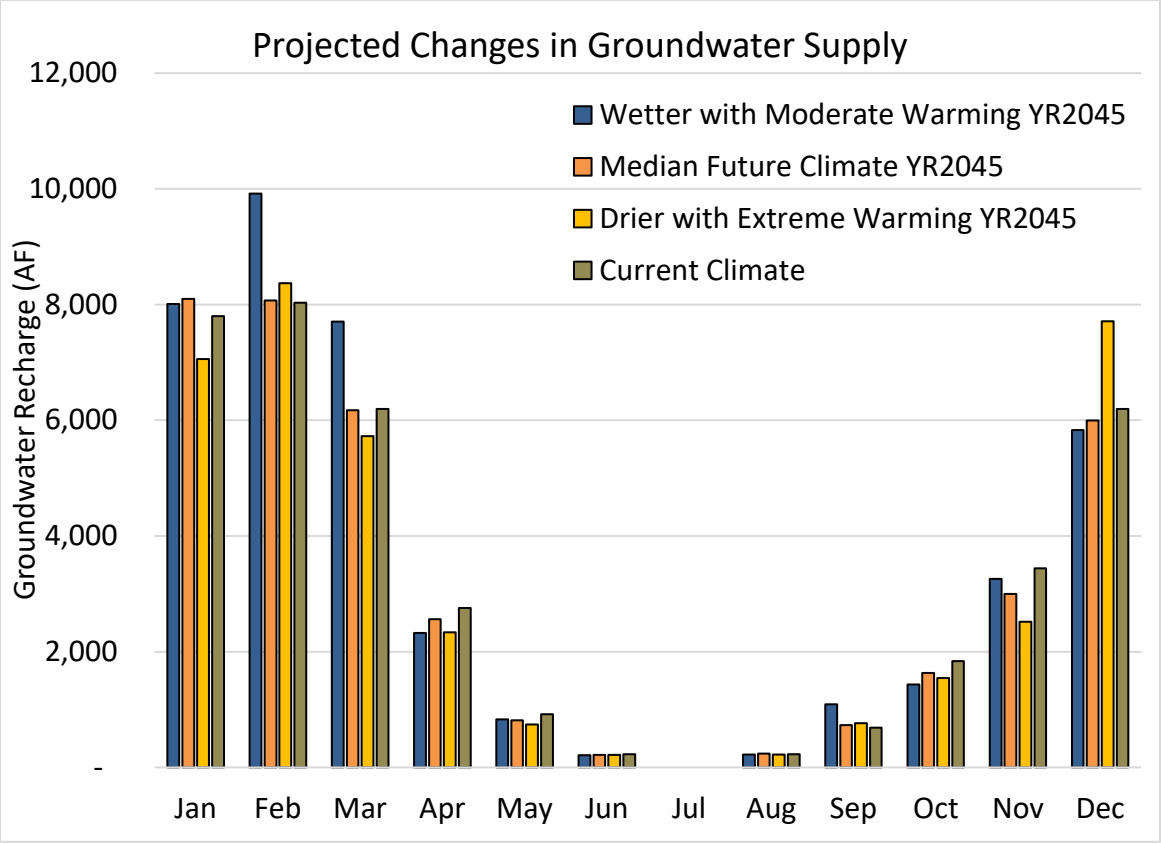


Figure 4-9. Projected Changes in Normal Year Groundwater Supply – 2045

Figure 4-10 displays the projected changes in normal-year flow for the San Gabriel River below Santa Fe Dam near Baldwin (USGS-11085000) by 2045. The Dry Hot and Median scenarios project a 10 percent and 2 percent decrease in annual flow by 2045 relative to the current climate, respectively, while the Wet Warm scenario projects an 18 percent higher annual flow by 2045.

Under the Dry Hot scenario, lower flow is projected during the high-flow months of February and March compared to the current conditions, with discharge decreasing by 20 cubic feet per second (cfs) in February and 21 cfs in March. Conversely, the Wet Warm scenario projects higher flows during the same period, with discharge increasing by 61 cfs in February and nearly 44 cfs in March. Projected flows under the Median scenario are generally consistent with flows projected under the current climate. No notable deviations in flow from the current climate are projected under any of the climate change scenarios between May to December. Detailed projected changes for San Gabriel River flow under all the climate change scenarios are presented in Appendix B (Table B4, Table B5, and Table B6).

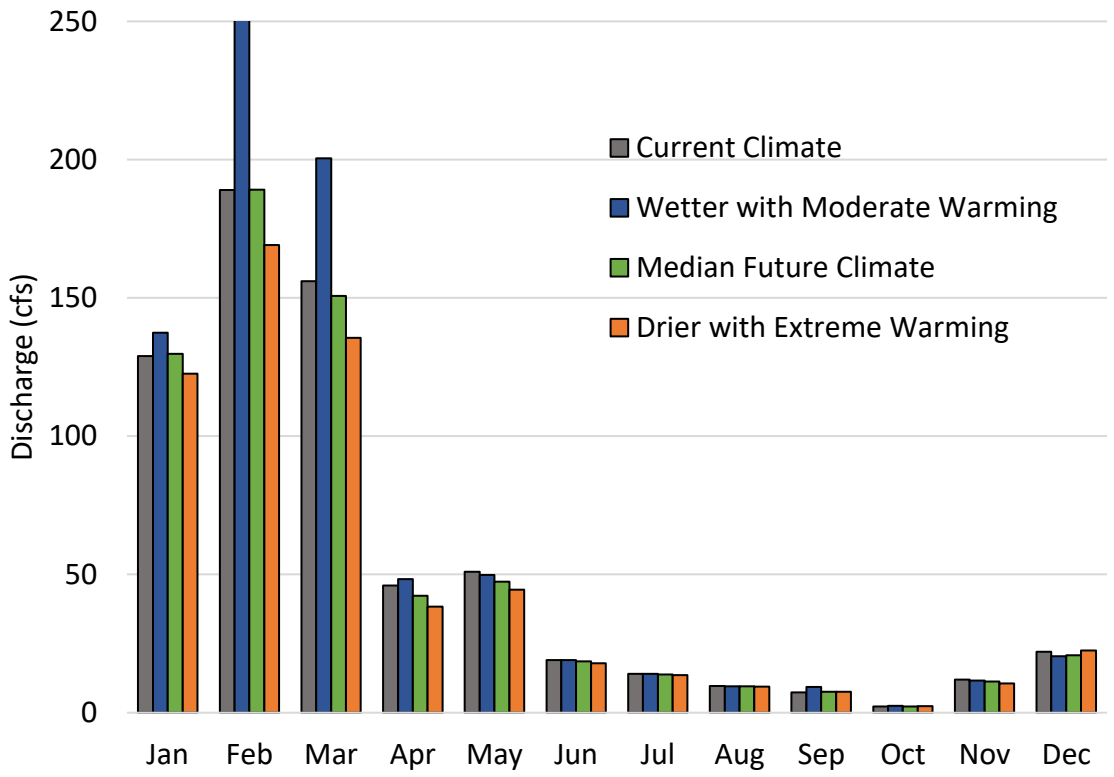


Figure 4-10. Projected Changes in Normal Year Flow by 2045: San Gabriel River Below Santa Fe Dam Near Baldwin (USGS-11085000).

Based on these results, river supplies, which are water sources for artificial recharge, are likely to become less reliable. Natural groundwater recharge will still occur in normal and dry years, but the timing of available water will change. Precipitation will increasingly fall during a shorter rainy season, with a longer dry season each year. Furthermore, the increase in temperatures over time will lead to greater evaporation from surface water bodies and land surfaces, reducing the volume of water available for diversion from rivers. This necessitates a greater understanding of the adequacy and operational constraints of natural and artificial recharge systems in the service area.

4.4.2 Water Demand Change Factors Results

Figure 4-11, Figure 4-12, and Figure 4-13 depict projected changes in outdoor demand from baseline conditions in 2020 under the various climate change scenarios. Water demand change factors are applied to outdoor water use, which has been adjusted for future population growth and conservation measures. Indoor water use is assumed to respond to future population growth and conservation measures as well, but it is not sensitive to climate change. All scenarios indicate an increase in annual outdoor water demand, with the average annual outdoor water demand projected to rise by 5.8 percent for the Dry Hot scenario, 3.4 percent for the Median scenario, and 1.5 percent for the Wet Warm scenario.

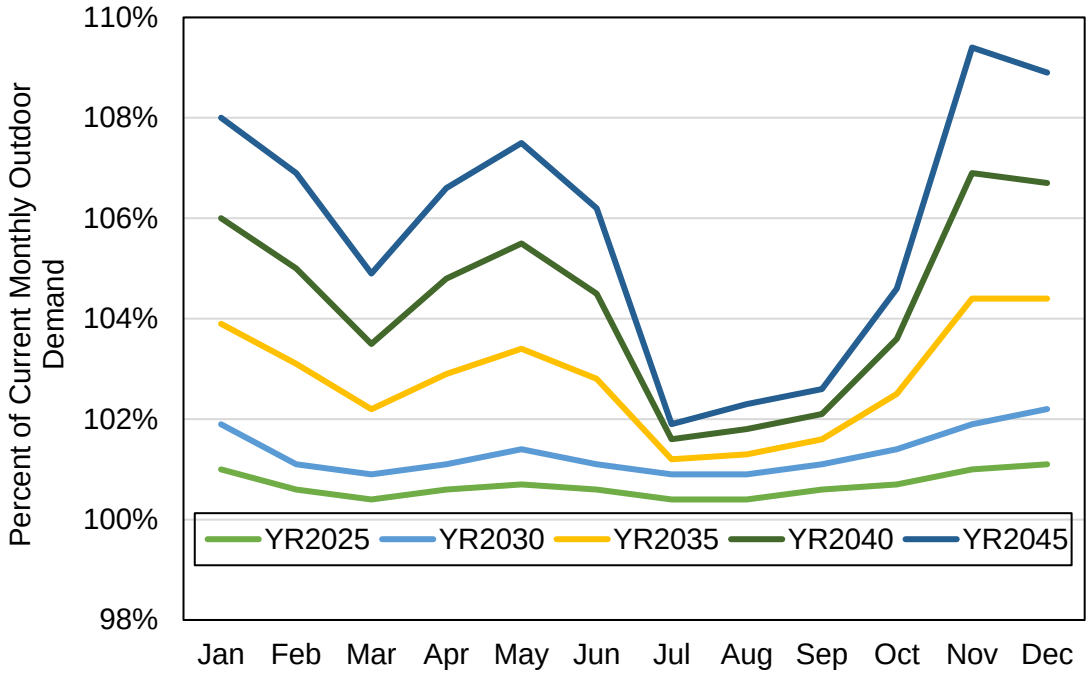


Figure 4-11. Changes in Outdoor Demand Under Dry Hot Future Climate 2025 - 2045

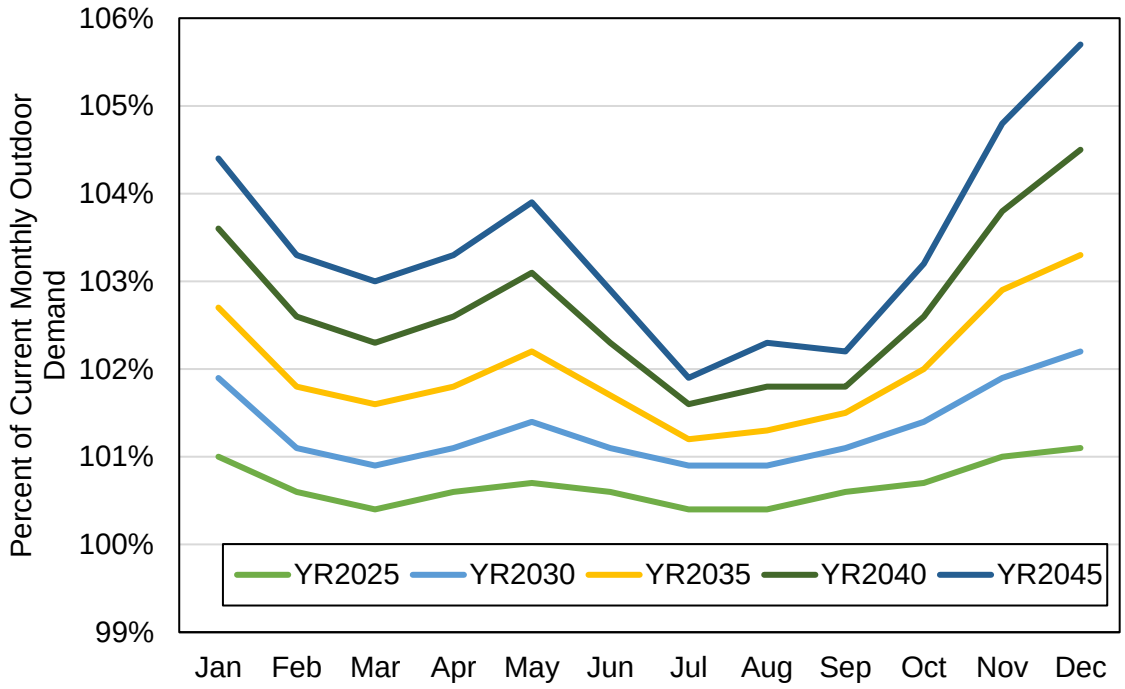


Figure 4-12. Changes in Normal Year Outdoor Demand Under Median Future Climate 2025 - 2045

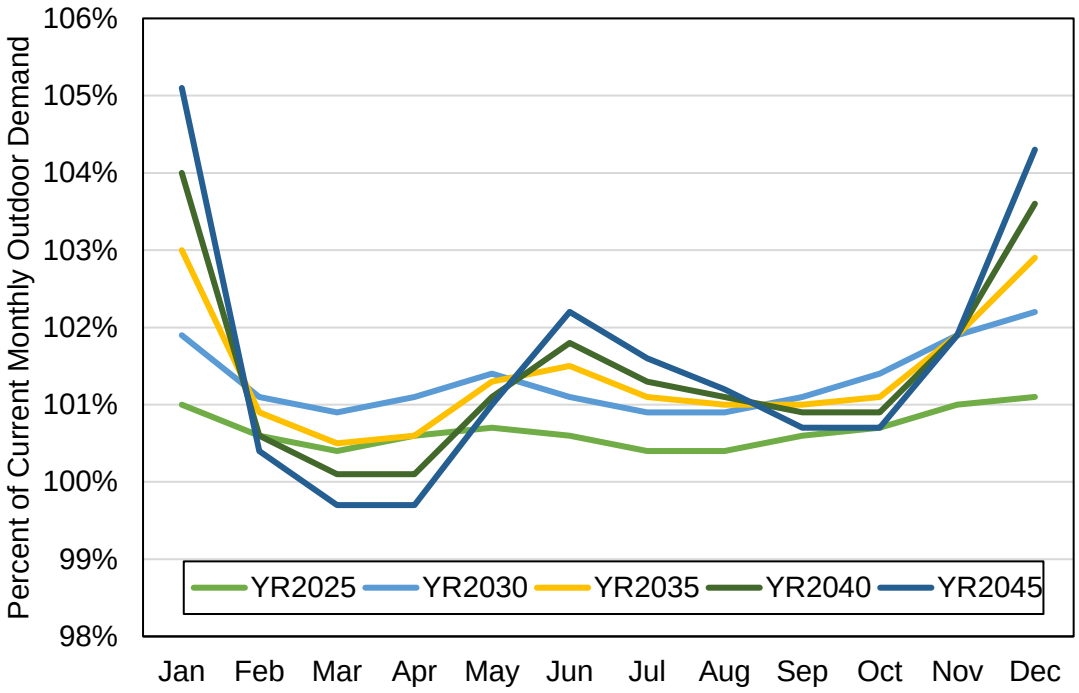


Figure 4-13. Changes in Outdoor Demand Under Wet Warm Future Climate 2025 – 2045

Figure 4-14 and Figure 4-15 illustrate the absolute value of outdoor water demand and total water demand under various climate change scenarios compared to current conditions and normal conditions in 2045. Over the next two decades, climate change is expected to have similar effects on outdoor water demand during both normal and drought years. This is because climate change data indicates that temperatures are expected to increase over time regardless of hydrological conditions. Considering these projected temperature increases, landscaping, and native vegetation are expected to experience higher ET rates. While the relative changes may appear small, the absolute increase during the already high demand months of July and August is significant.

As compared to baseline conditions, the total annual demand is projected to increase by 15 percent by 2045 under the Dry Hot scenario; 13 percent under the Median scenario; and 11 percent under the Wet Warm scenario. The largest increases are projected to occur during the early summer months in June and July. Detailed projections of changes in outdoor water demand under all the climate change scenarios are presented in Appendix B (Tables B7, B8, and B9).

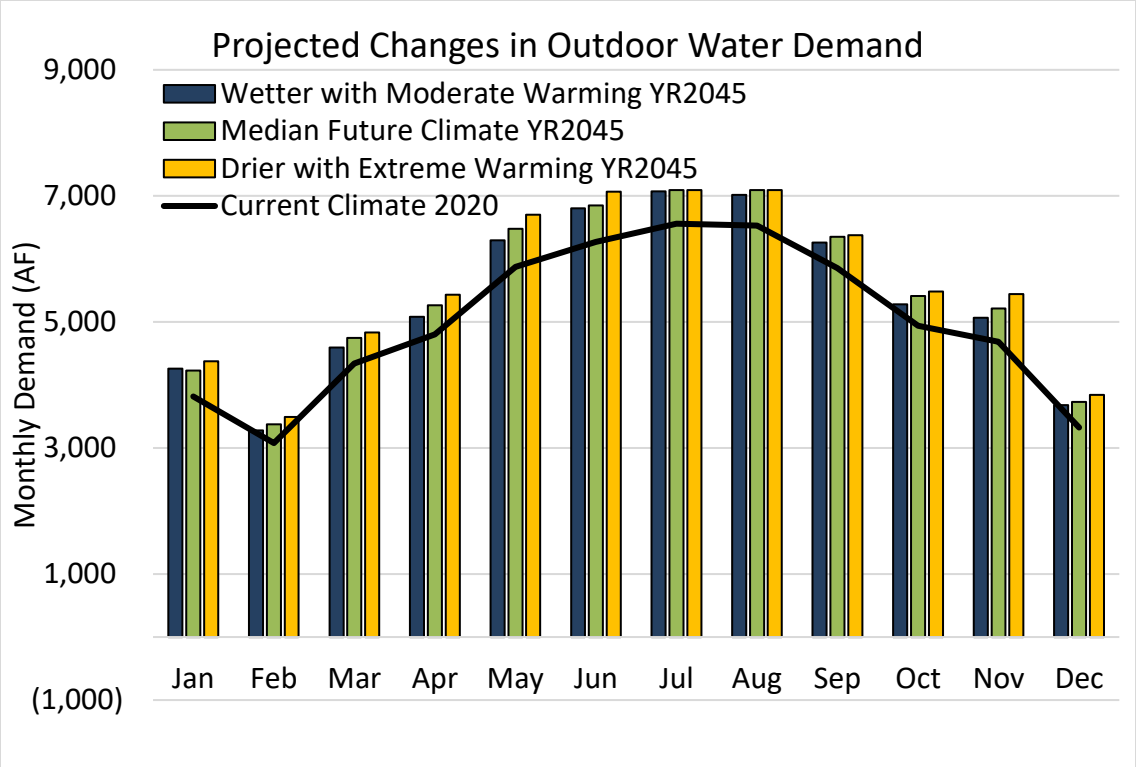


Figure 4-14. Projected Changes in Normal Year Water Demand 2045, Outdoor Water Demand

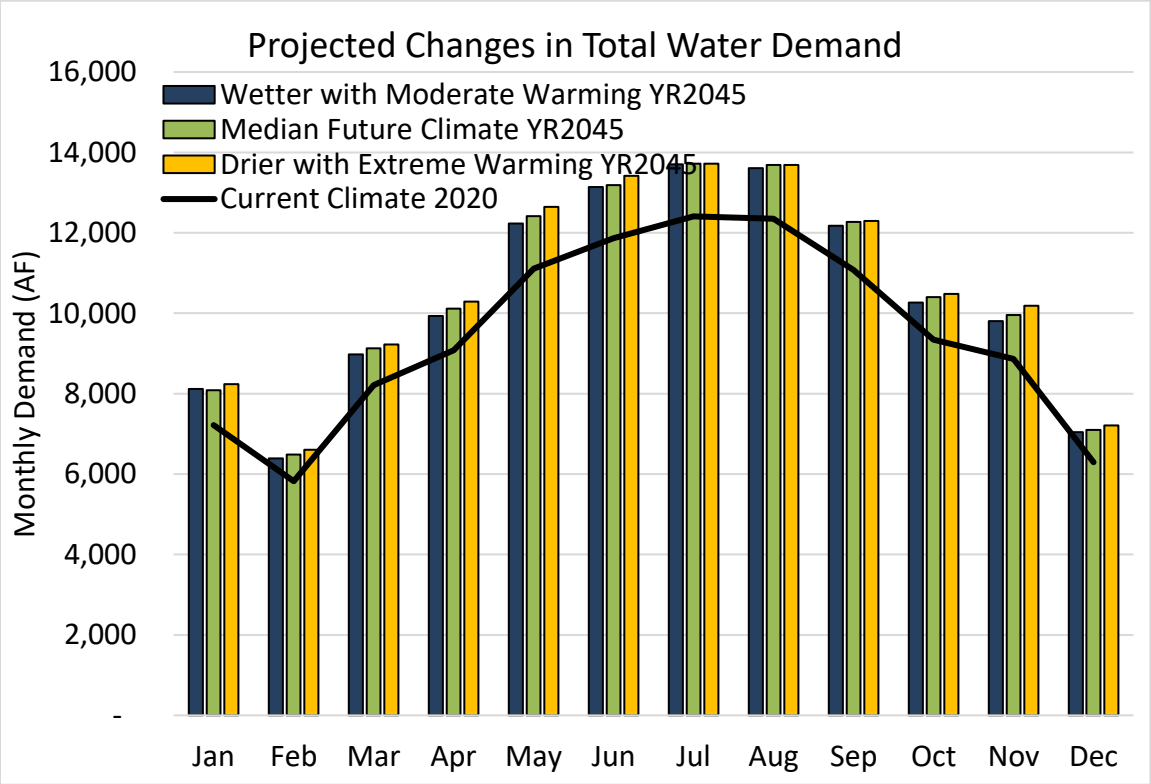


Figure 4-15. Projected Changes in Normal Year Water Demand 2045, Total Water Demand

4.5 Future Water Supply Budgets

The water budgets for the entire Three Valleys service area for each of the three climate change conditions are shown in Table 4-3 through Table 4-5. The water budgets developed for the Three Valleys service area include the following assumptions:

- Climate change factors are applied to local water supplies and demand.
- Projections for groundwater production are based on baseline groundwater supply and climate change factors.
- Recycled water projections are based on baseline data from the Three Valleys' Local Supply Production Surveys, growth rate projections from member agency UWMPs, and climate change factors.
- Surface water projections are based on baseline surface water supply and climate change factors.
- Demand projections are based on baseline water use, growth rate projections from member agency UWMPs, and climate change factors.
- Future requirements for imported water supplies are calculated as the difference between total projected demand and total local supplies.

Table 4-3. Three Valleys Service Area Water Budget – Drier Future Conditions with Extreme Warming

Source (AF/year)*	2018-2022	2025	2030	2035	2040	2045
Total Demand	113,651	120,346	121,219	123,062	125,472	128,004
Groundwater	38,316	38,282	38,234	37,895	37,551	37,202
Surface Water	4,760	4,741	4,718	4,579	4,440	4,301
Recycled Water	5,619	5,929	5,953	6,000	6,073	6,151
Total Local Supply	48,694	48,952	48,905	48,473	48,063	47,655
Net Imported Water Supply Required	64,957	71,394	72,314	74,589	77,409	80,349

*AF/year = acre-feet per year

Table 4-4. Three Valleys Service Area Water Budget – Median Future Climate Conditions

Source (AF/year)*	2018-2022	2025	2030	2035	2040	2045
Total Demand	113,651	120,346	121,219	122,590	124,513	126,557
Groundwater	38,316	38,282	38,234	38,007	37,763	37,535
Surface Water	4,760	4,741	4,718	4,698	4,678	4,658
Recycled Water	5,619	5,929	5,953	6,000	6,073	6,151
Total Local Supply	48,694	48,952	48,905	48,705	48,514	48,345
Net Imported Water Supply Required	64,957	71,394	72,314	73,885	75,999	78,212

*AF/year = thousand acre-feet per year

Table 4-5. Three Valleys Service Area Water Budget – Wetter Future Conditions with Moderate Warming

Source (AF/year)*	2018-2022	2025	2030	2035	2040	2045
Total Demand	113,651	120,346	121,219	122,220	123,723	125,376
Groundwater	38,316	38,282	38,234	39,101	39,983	40,837
Surface Water	4,760	4,741	4,718	5,012	5,304	5,598
Recycled Water	5,619	5,929	5,953	6,000	6,073	6,151
Total Local Supply	48,694	48,952	48,905	50,113	51,360	52,587
Net Imported Water Supply Required	64,957	71,394	72,314	72,107	72,362	72,790

*AF/year = thousand acre-feet per year

The Metropolitan 2020 IRP also developed projected water supply budgets based on its four projected climate change conditions previously described. Table 4-6 shows the Metropolitan 2020 IRP projected total demand for the Three Valleys service area, Table 4-7 shows the Metropolitan 2020 IRP projected local water supply for Three Valleys, and Table 4-8 shows the Metropolitan 2020 IRP projected imported water supply demand for Three Valleys, supplied by Metropolitan, for each of Metropolitan's 2020 IRP climate change scenarios. These IRP projections have a 10-year baseline period of 2010 to 2019, which is different from the 5-year baseline (2018 – 2022) period used by Three Valleys in the projection presented earlier in this document.

Table 4-6. Metropolitan 2020 IRP Projection of Three Valleys Service Area Demand

Projected Three Valleys Demand (AF/year)*	2020	2025	2030	2035	2040	2045
Scenario A	104,515	105,769	107,460	108,013	108,799	109,989
Scenario B	106,437	117,211	122,970	127,383	132,154	137,508
Scenario C	104,513	105,753	107,425	107,954	108,708	109,757
Scenario D	106,454	117,359	123,269	127,971	133,029	138,571

*AF/year = acre-feet per year

Table 4-7. Metropolitan 2020 IRP Projection of Three Valleys Local Water Supply

Projected Three Valleys Local Water Supply (AF/year)*	2020	2025	2030	2035	2040	2045
Scenario A	51,514	52,322	52,584	52,836	53,081	53,345
Scenario B	52,209	54,962	55,863	56,724	57,534	58,090
Scenario C	46,659	46,368	45,729	45,080	44,424	43,686
Scenario D	47,311	48,993	49,035	49,036	48,954	48,394

*AF/year = acre-feet per year

Table 4-8. Metropolitan 2020 IRP Projection of Three Valleys Imported Water Supply Requirement

Projected Three Valleys Imported Water Supply Requirement (AF/year)*	2020	2025	2030	2035	2040	2045
Scenario A	53,001	53,446	54,876	55,177	55,717	56,644
Scenario B	54,227	62,248	67,106	70,658	74,619	79,417
Scenario C	57,854	59,384	61,695	62,873	64,284	66,070
Scenario D	59,142	68,365	74,233	78,934	84,075	90,177

*AF/year = acre-feet per year

As shown in Figure 4-16, water demand calculated for Three Valleys in this climate change analysis is initially higher than the corresponding estimates for the Three Valleys service area in the Metropolitan 2020 IRP. However, the estimates converge by 2030, resulting in comparable long-term projections. Similarly, graphs of Three Valleys imported water supply requirements, in Figure 4-17, show that projections from this study are generally in agreement with projections for the service area in the Metropolitan 2020 IRP.

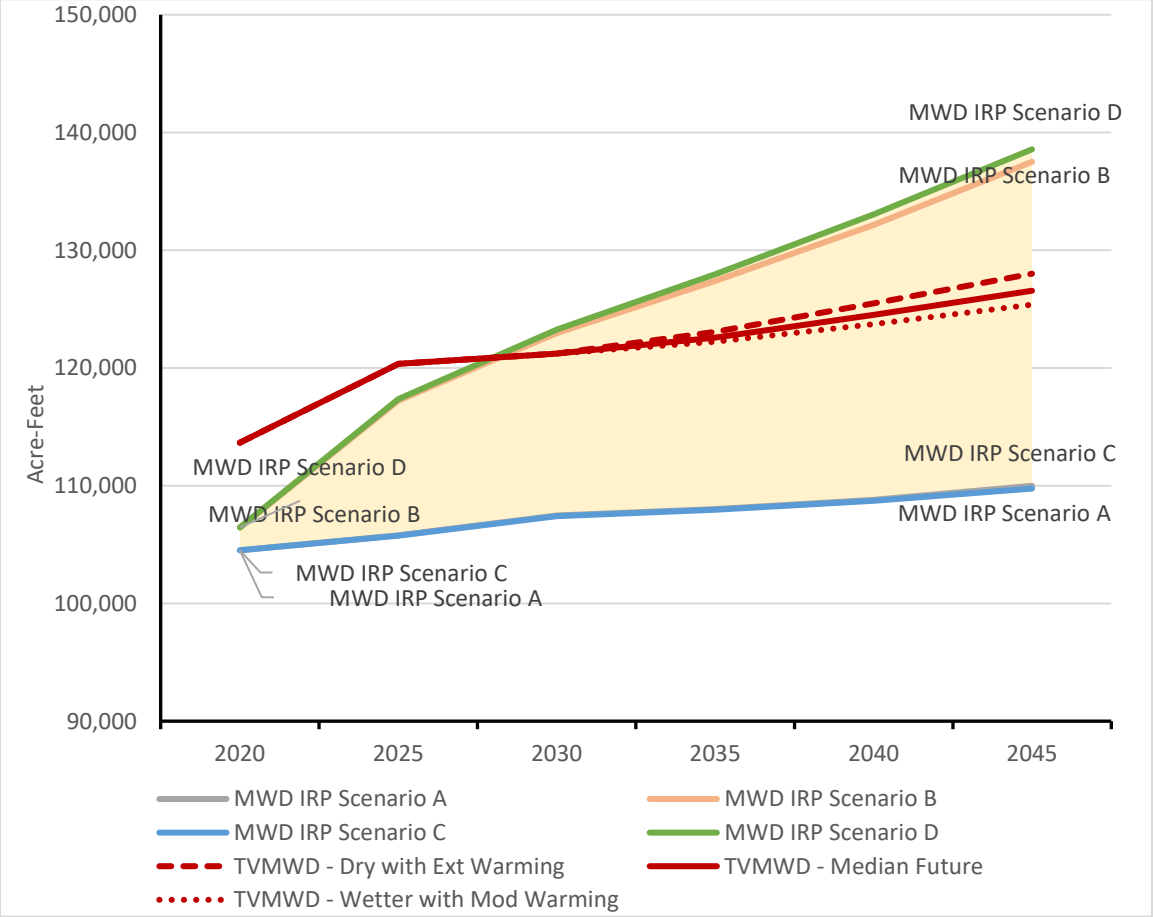


Figure 4-16. Comparison of Metropolitan 2020 IRP and Three Valleys Service Area Total Supply Requirements Under Future Climate Scenarios

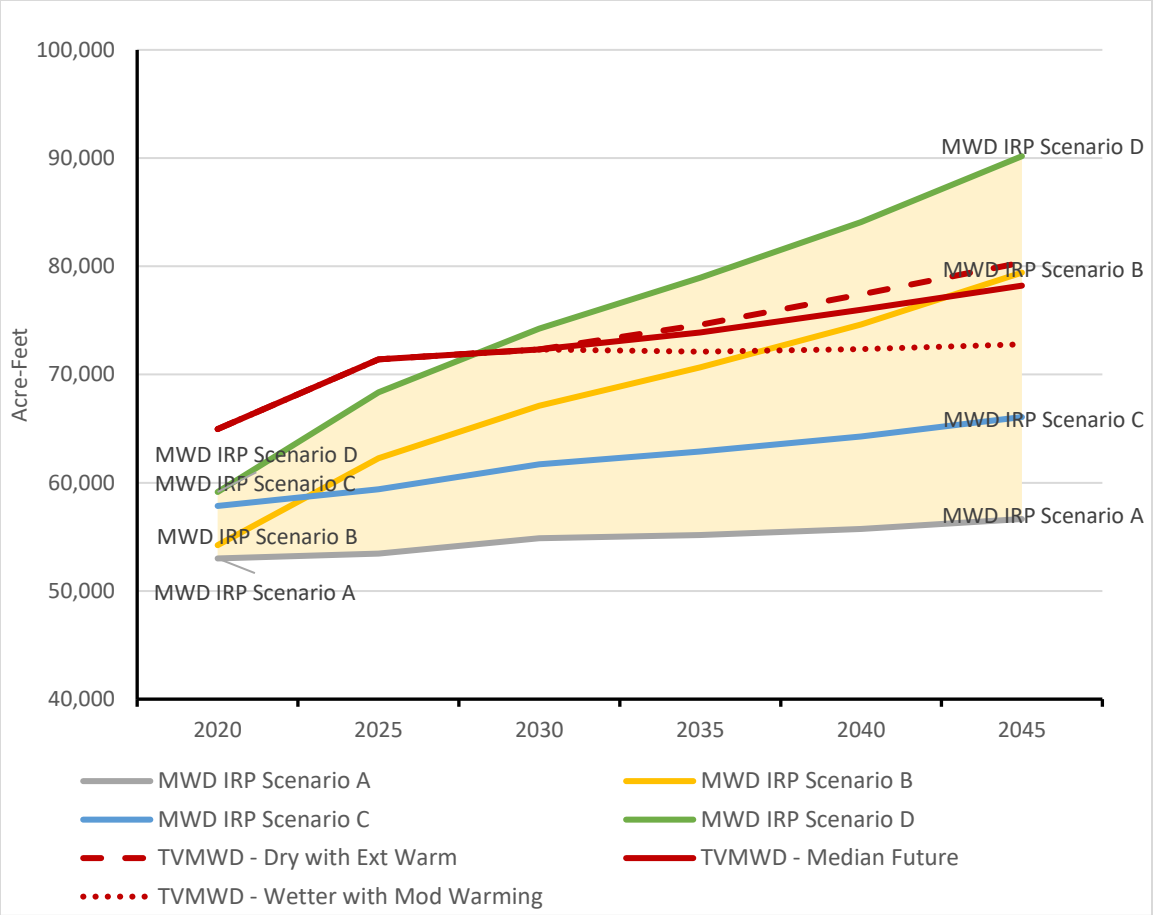


Figure 4-17. Comparison of Metropolitan 2020 IRP and Three Valleys Imported Water Supply Requirements Under Future Climate Scenarios

Based on the Metropolitan 2020 IRP data, Three Valleys will require additional imported water supplies of 3.6 TAF/year under Scenario A, 25.2 TAF/year under Scenario B, 8.2 TAF/year under Scenario C, or 31 TAF/year under Scenario D by 2045 relative to 2020 conditions. By comparison, the projections developed by Three Valleys indicate that between 2020 and 2045, annual imported water supplies requirements will increase by 15.4 TAF/year if future conditions are drier with extreme warming, 13.3 TAF/year under median future climate conditions, and 7.8 TAF/year if future conditions are wetter with moderate warming.

4.6 Applying Results to Local Water Analysis

4.6.1 Computing Future Water Supply and Demand

The monthly change factors developed as part of this analysis are useful for understanding how seasonal changes contribute to the annual changes (see Section 4.4). Additionally, monthly values are useful for planning management actions and mitigation actions in the DCP. The monthly water supply and demand change factors are presented in Appendix B, which comprises the following nine tables:

- Table B1: Monthly Rainfall Change Factors: Drier with Extreme Warming Scenario
- Table B2: Monthly Rainfall Change Factors: Median Scenario

- Table B3: Monthly Rainfall Change Factors: Wetter with Moderate Warming Scenario
- Table B4: Monthly San Gabriel River Flow Change Factors: Drier with Extreme Warming Scenario
- Table B5: Monthly San Gabriel River Flow Change Factors: Median Scenario
- Table A6: Monthly San Gabriel River Flow Change Factors: Wetter with Moderate Warming Scenario
- Table B7: Monthly Water Demand Change Factors: Drier with Extreme Warming Scenario
- Table B8: Monthly Water Demand Change Factors: Median Scenario
- Table B9: Monthly Water Demand Change Factors: Wetter with Moderate Warming Scenario

4.6.2 Constraints and Limitations

A planning-level climate impact analysis for the Three Valleys service area is presented in this chapter. This vulnerability assessment is intended to assist Three Valleys in preparing water supply and demand projections for the Water Resources Master Plan and DCP. These results should not be used in other applications, such as flood resilience planning, infrastructure design, or decision-making regarding the operation of any specific structure. Flood resilience planning requires the analysis of daily or finer temporal resolutions using statistical methods to determine how frequency distributions can best be fitted to extreme values. To design and operate infrastructures, there needs to be a deeper analysis and an additional ground-truthing of specific site characteristics, operational procedures, and regulations that are not included in this assessment.

The effects of climate change on water resources can also be indirect. The risks of wildfire in Southern California, for example, are predicted to increase as a result of climate change. As a result of wildfires, water resources may be affected by increased water usage for firefighting, altered surface vegetation and runoff patterns in burn areas, debris flows, and increased siltation of reservoirs and hydraulic structures. The vulnerability assessment does not capture these secondary impacts of climate change on water resources. It is also possible for future water supplies and demands to be affected by decisions made at the local, state, and federal levels. Policies and regulations that have not yet been implemented are difficult to anticipate and quantify. Thus, the purpose of this Vulnerability Assessment is not to anticipate the impact of future policy or regulatory decisions on future water supplies or demands.

4.6.3 Next Steps

The next step in the planning process is for Three Valleys to collaborate with member agencies to identify opportunities to enhance the region's resilience to projected future increases in imported water supply requirements. The region could develop a resilience portfolio including management actions such as conservation measures to reduce demand, water supply agreements and infrastructure, and augmented storage facilities and programs. The net climate resilience of the region's water budget could be measured in terms of the effectiveness of the portfolio of projects and management actions in reducing the projected future water supply deficit.

Member agencies could also undertake site-specific studies to assess the climate resilience of individual water systems. The climate change factors and analyses provided in Appendix B could be used to compute quantitative impacts of climate change on future supplies and demands during normal and drought years within each member agency's service area. Site-specific studies could identify opportunities to enhance the climate resilience of individual water systems through

management actions, infrastructure improvements, and system interconnections to enhance operational flexibility.

4.7 Impacts of Drought Across Various Sectors

Potential drought impacts extend beyond the supply sources themselves. A lack of water can trigger impacts to various sectors across the region as described by sector below.

4.7.1 Residential

Residential water use makes up approximately 60% of the region's water demand, including Single-Family Residential (51.6%) and Multi-Family Residential (7.6%). Most of the region's major cities including the cities of Pomona, Glendora, Covina, La Verne, Walnut, Diamond Bar, and San Dimas as well as large, unincorporated communities such as Rowland Heights, South San Jose Hills, and Charter Oak are all served by Three Valleys and its 13 retail member agencies. As the largest water use sector within the region, water supply reliability for residential users is adversely impacted during droughts.

Droughts typically increase the cost of sourcing imported water as competition increases for the limited water supplies available. Wholesalers water agencies like Three Valleys must pass these increased costs on to water retailers and utilities who in turn pass the costs on to their customers. Residential users often experience the increased cost of sourcing water supplies in the form of water rate increases or modified rate structures. Increased water rates may also be imposed by retailers to encourage behavioral changes that reduce water wastage and reduce the overall cost of water delivery during droughts.

Three Valleys and its member agencies work hard to ensure that local and imported water supplies are adequate for meeting indoor water requirements and complying with water quality regulations, even during periods of severe drought. However, outdoor water use restrictions are often imposed during periods of drought. These restrictions often include reductions in the frequency and duration of lawn and tree watering, and restrictions on car washing. Longer term water conservation solutions such as turf removal programs are also made available during drought periods. These outdoor use restrictions can adversely impact the health of lawns and trees and reduce the air quality, shade, heat-island mitigation, and wellness benefits that such greenery provides in residential areas.

4.7.2 Educational and Institutional Sectors

The California State Polytechnic University, Pomona (Cal Poly Pomona) serves over 27,000 students and over 1,400 faculty and staff on a 1,725 acres campus. There are also numerous community colleges with campus in the region including Mt. San Antonio College with over 29,000 students and Citrus College with over 9,000 students. The Claremont Colleges consortium is also located within the service area, serving over 8,000 students and 3,400 faculty and staff. These educational institutions serve both local students and daily commuters into the region, and they require a reliable, uninterrupted water supply to stay open and maintain operations.

The large educational institutions in the region are served by Three Valleys as member agencies with independent wholesale water supply agreements. This arrangement ensures that advance planning and system improvements can be implemented to avoid disrupting water service to the institutions during periods of drought.

4.7.3 Commercial and Industrial Sectors

Commercial water use accounts for about 15% of the regions water use while industrial users account for about 1%. There is also approximately 8.7% of water use by other entities which are not easily classified into the other use types. The main commercial and industrial users in the Three Valleys region include retail, manufacturing, and transportation and warehousing businesses. These types of businesses are generally not very water intensive, so they are not very sensitive to small changes in the volume of water supplied or changes in the rate structure. Three Valleys and its member agencies rely on more explicit drought water use restrictions such as prohibiting restaurants and cafeterias from serving drinking water unless specifically requested by a customer.

In addition, during drought periods, the cost of electricity increases due to the sizeable contribution of hydropower to the region's energy sources. Droughts are often accompanied by increasing temperatures which can lead to increased electricity demand for cooling. The combination of increasing costs of electricity and increasing energy use can significantly increase facility and operating costs for businesses in the commercial and industrial sector during droughts.

4.7.4 Health Sector

The health care sector has the largest presence within the Three Valleys region, and the sector is experiencing strong growth due to the aging population of the region and state in general. With the health sector, droughts often lead to an increase in the number of people requiring medical attention, particularly the number of emergency room visits. This is because droughts are often accompanied by increasing temperatures which lead to heat-related injuries such as heat stress, heat stroke, exhaustion, rashes and loss of consciousness. The increases in heat-related injuries are particularly common in communities with higher percentages of older people, construction workers and others engaging in outdoor activities for long periods of time. The increase in utilization of medical facilities can also result in increased water use by the health sector during periods of drought.

Three Valleys and its member agencies recognize the need for sustained and even increased water use by the health sector during periods of drought. The agencies avoid imposing water use restrictions which might impact water use within public facilities such as health facilities. Even during the most severe droughts, the agency ensure that maintain sufficient potable water supplies for public health and safety.

4.7.5 Recreation and Wildfire Requirements

The Three Valleys region sits at the intersection of the Pomona, Walnut and eastern San Gabriel valleys. It is bounded in the north by the San Gabriel Mountains including portions of the San Gabriel Canyon, San Antonio Canyon, Harrow Canyon, Sycamore Canyon, the Marshall Canyon, and Live Oak Canyon. To the south, the region is bounded on the south by the Puente Hills including Brea Canyon and Tonner Canyon. The terrain offers excellent recreational opportunities such as hiking trails, golf courses, and parks such as Frank Bonelli Regional Park, Prado Regional Park, and the Firestone Boy Scout Reservation.

However, canyons can create adverse conditions for wildfire eruption and spread due to topography and wind patterns. Drought conditions can exacerbate these conditions by increasing the load of combustible materials such as dry shrubs and dead vegetation which can serve as fuel for wildfires. Water agencies generally do not supply water to maintain vegetated areas outside the urban perimeter. However, restrictions on watering or irrigating of lawn, landscape or other vegetated areas within the urban perimeter imposed during periods of drought can also increase the amount of dead vegetation and fuels.

During drought periods, there is an even greater need to maintain adequate water supplies in the region for firefighting if needed. Beginning with Level 4 droughts, the agencies impose restrictions on using potable water to fill or refill ornamental lakes or ponds, which could serve as sources of water for firefighting. Continued expansion of recycled water use by Three Valleys member agencies for meeting non-potable, outdoor water demand will expand enhance the resilience of outdoor spaces during future droughts.

5 Mitigation Actions

Mitigation Actions are projects, programs, and strategies that are implemented prior to the occurrence of a drought to address potential risks and impacts and reduce the need for response actions. These actions are generally beneficial in increasing regional flexibility and resiliency during times of drought.

Within the framework of a DCP, these actions are generally developed in response to vulnerabilities identified through a Climate Change Vulnerability Assessment. As part of this DCP, Three Valleys performed a vulnerability assessment, which is detailed in Chapter 4. Overall, the results of the vulnerability assessments indicate:

- Minor decreases projected in average annual water supplies from the Main San Gabriel River basin during drought (single year and multi-year) years relative to baseline conditions due to shifts in precipitation from winter to fall and projected increases in surface water evaporation caused by increasing temperatures, particularly under the extreme warming climate scenario.
- A shorter rainy season with potential for higher intensity precipitation events resulting in higher peak flows of shorter duration. The net impact on annual groundwater recharge will be minimal if flow diversion facilities and recharge basins maintain adequate capability to handle the increased flow rates.
- Projected increases in outdoor water uses under normal, single dry, and multi-year drought conditions, caused by projected temperature increases, which lead to higher ET rates for landscaping, irrigated crops, and native vegetation[2]. Average annual outdoor water use by customers within the Three Valleys service area could increase by up to six percent under the most severe (Dry Hot) climate change scenario.

[2] The projections do not make assumptions about the outdoor and indoor water use regulations required by the new regulatory framework, *Making Conservation a California Way of Life*.

- An increase in dependence on imported water if mitigation actions are not implemented. A comparison of Three Valleys and Metropolitan's water budget projections under future climate conditions shows similar total demand projections, with Three Valleys showing increased reliance on imported surface water (supplied by Metropolitan) in its future projections. This increased reliance in Three Valleys projections occurs because local water supplies are projected to remain nearly constant while water demand increases due to future growth and increased climate-related water deficits. This highlights the need to develop mitigation actions to reduce future reliance on imported surface water.

In response to these findings, Three Valleys and the Drought Task Force compiled a suite of mitigations for inclusion into the DCP. The full suite of mitigation actions is identified in Section 5.1, Figure 5-1, and summarized in Table C-1 in Appendix C.

This suite of mitigation actions, developed in collaboration with the Drought Task Force, includes projects that are in various stages of implementation, from pre-planning, planning, design, to construction, and the timelines projected for these projects are estimations. Many of these actions are consistent with existing planning programs and processes of the various regional stakeholders, such as Three Valleys' Capital Improvement Plan. However, numerous factors have the potential to impact implementation of these actions, such as funding availability, regulatory requirements, implementation complexities, and strategic planning priorities that are unique to each regional stakeholder. As such, inclusion of these actions into this DCP does not imply any commitment or obligation for future implementation. Furthermore, the mitigation actions presented are not intended to be exhaustive; thus, this chapter also provides guidance for establishing consistency with this DCP for projects that may be implemented in the future but are not included in the potential suite of mitigation actions. This guidance, along with additional insights on the mitigation actions, is detailed in Appendix C.

Implementing these potential mitigation actions could yield numerous regional benefits, including increasing local water supplies, improving operational flexibility, and enhancing water supply reliability. Several criteria were developed with consideration of these benefits to perform a preliminary review of the potential mitigation actions, which is described further in Section 5.2. The results of the preliminary review are provided in Table C-1 in Appendix C.

5.1 Identification of Potential Mitigation Actions

In June 2024, the Drought Task Force was sent invitations to schedule meetings for discussing potential projects, including mitigation actions for inclusion in the DCP. Organizations that reserved a time and were able to meet received a project information sheet tailored to their agency. In July 2024, Three Valleys and GEI held a total of eight individual meetings with the agencies to review, confirm, and update the mitigation actions.

The project information sheet asked each organization to respond to the following question:

What projects or programs does your organization have in development that would potentially mitigate drought impacts in the future?

The respondents were asked to classify their responses into one of the five designated categories and, where applicable, provide a relevant metric:

- Water Supply Projects: Projects focused on enhancing water availability and accessibility. For example, by constructing or upgrading infrastructure such as pipelines or treatment plants, a region (or regions) within the Three Valleys service area have access to new, firm local supplies.
- Water Conservation Projects: Projects focused on reducing water usage and promoting efficient water management through measures such as implementing regulations, upgrading systems, or promoting public awareness.
- Groundwater Production Projects: Projects focused on extracting groundwater from underground sources to supplement water supplies, which may include drilling wells, installing pumps, and implementing sustainable groundwater management.
- Groundwater Storage Projects: Projects focused on storing excess water underground in natural aquifers for later use, particularly during times of drought, through recharge methods.
- Projects Increasing External Sources of Supply: Projects focused on enhancing water availability by sourcing water from external sources, which could involve constructing conveyance infrastructure or exploring alternative water transfers.

The project information form also asked each organization to assess whether the mitigation action has the potential to enhance regional water supply reliability. Relevant features that could contribute to improving water supply reliability include: infrastructure such as pipelines and pump stations; reduced reliance on imported water supplies; treatment of groundwater contaminants like polyfluoroalkyl substances (PFAs) or CECs; and system enhancements or repairs to storage facilities or other components.

Additionally, each organization was asked to provide as many key identifiers as possible for each mitigation action, including, but not limited to, the following:

- Project stage (conceptual, feasibility, design, construction)
- Implementation timeline/schedule (year)
- Estimated costs (capital and annual)
- Estimated annual water savings or estimation of the supplemental supplies created as a result of implementation

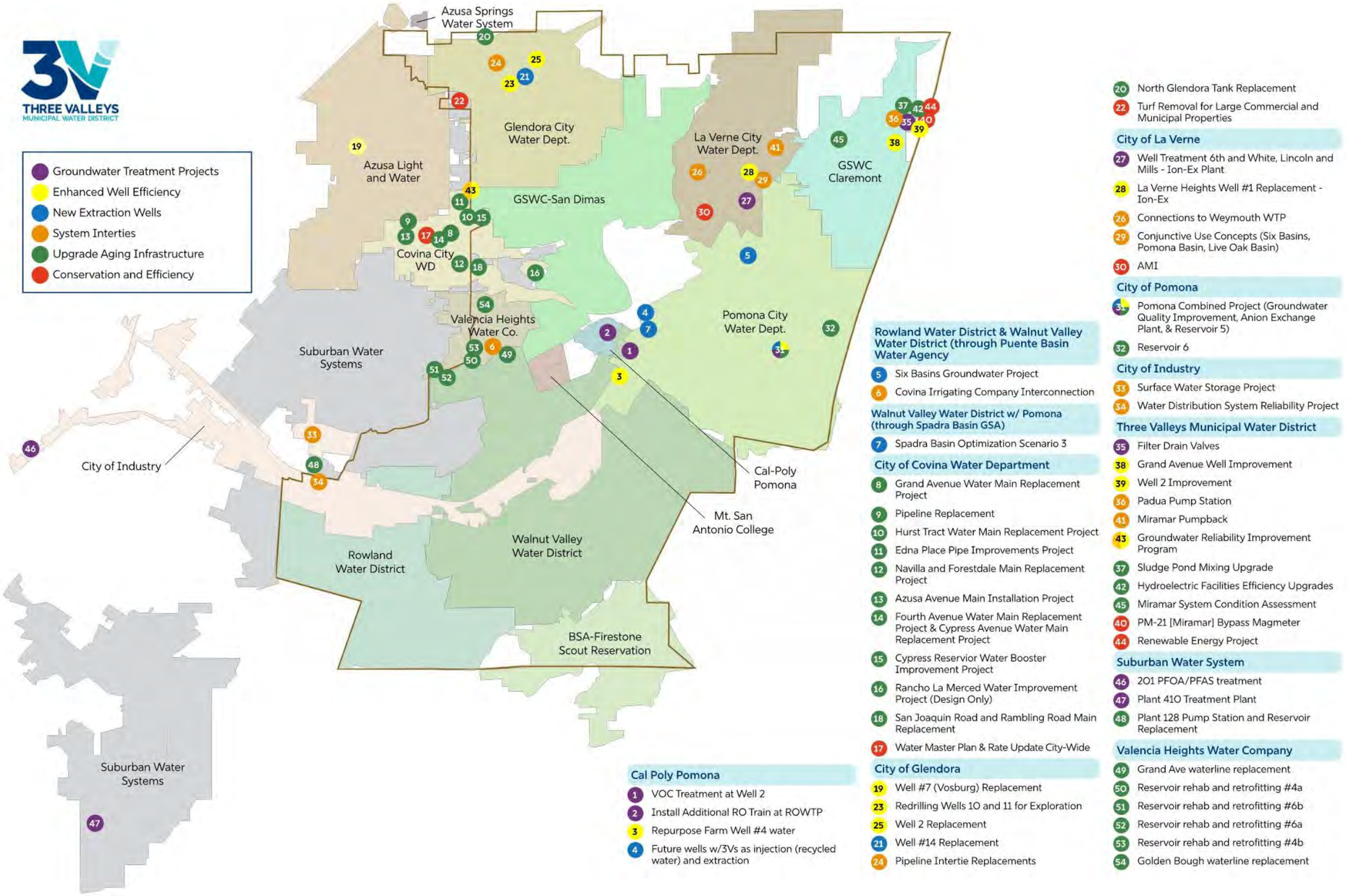
The data collected from the project information sheets submitted by participating agencies were analyzed to organized into six project types. The corresponding mitigation actions were categorized as follows:

1. System Interties: Create infrastructure to connect water systems and provide operational flexibility to respond to catastrophic supply interruption
2. New Extraction Wells: Develop new wells to increase supply reliability consistent with available supply and adjudicated rights

3. Enhanced Well Efficiency: Enhance the efficiency and reliability of existing wells through upgrades and modifications
4. Upgrade Aging Infrastructure: Upgrade aging urban infrastructure, including drinking water distribution systems, reservoirs, and conveyance
5. Groundwater Treatment Projects: Projects that protect and treat groundwater contamination
6. Conservation and Efficiency: Projects that promote water conservation and enhance water use efficiency

These findings were presented and discussed with the Drought Task Force during Workshop 4, held on August 27, 2024. The workshop aimed not only to address gaps in the data but also to gather additional feedback from other organizations. Though unrelated to the scope of this DCP, the project information forms served a similar purpose of identifying regional projects to address water supply reliability and resiliency. From the data collected and the input received during the workshop, a total of 54 projects, programs, and strategies were identified for the DCP (Figure 5-1). A summary of these mitigation actions and their key identifiers are provided in Table C-1 in Appendix C.

As previously discussed, implementation of the mitigation actions could be impacted by numerous factors including funding availability, regulatory requirements, implementation complexities, and planning priorities. The regular meetings of Three Valleys with its member agencies, along with the Drought Task Force meetings, will be used to support implementation of the mitigation actions described in the DCP.



Rowland Water District & Walnut Valley Water District (through Puente Basin Water Agency

- 5 Six Basins Groundwater Project
- 6 Covina Irrigating Company Interconnection

Walnut Valley Water District w/ Pomona (through Spadra Basin GSA)

- 7 Spadra Basin Optimization Scenario 3

City of Covina Water Department

- 8 Grand Avenue Water Main Replacement Project
- 9 Pipeline Replacement
- 10 Hurst Tract Water Main Replacement Project
- 11 Edna Place Pipe Improvements Project
- 12 Navilla and Forestdale Main Replacement Project
- 13 Azusa Avenue Main Installation Project
- 14 Fourth Avenue Water Main Replacement Project & Cypress Avenue Water Main Replacement Project
- 15 Cypress Reservior Water Booster Improvement Project
- 16 Rancho La Merced Water Improvement Project (Design Only)
- 18 San Joaquin Road and Rambling Road Main Replacement
- 17 Water Master Plan & Rate Update City-Wide

City of Glendora

- 19 Well #7 (Vosburg) Replacement
- 23 Redrilling Wells 10 and 11 for Exploration
- 25 Well 2 Replacement
- 21 Well #14 Replacement
- 24 Pipeline Intertie Replacements

Cal Poly Pomona

- 1 VOC Treatment at Well 2
- 2 Install Additional RO Train at ROWTP
- 3 Repurpose Farm Well #4 water
- 4 Future wells w/3Vs as injection (recycled water) and extraction

- 20 North Glendora Tank Replacement
- 22 Turf Removal for Large Commercial and Municipal Properties

City of La Verne

- 27 Well Treatment 6th and White, Lincoln and Mills - Ion-Ex Plant
- 28 La Verne Heights Well #1 Replacement - Ion-Ex
- 26 Connections to Weymouth WTP
- 29 Conjunctive Use Concepts (Six Basins, Pomona Basin, Live Oak Basin)
- 30 AMI

City of Pomona

- 31 Pomona Combined Project (Groundwater Quality Improvement, Anion Exchange Plant, & Reservoir 5)
- 32 Reservoir 6

City of Industry

- 33 Surface Water Storage Project
- 34 Water Distribution System Reliability Project

Three Valleys Municipal Water District

- 35 Filter Drain Valves
- 38 Grand Avenue Well Improvement
- 39 Well 2 Improvement
- 36 Padua Pump Station
- 41 Miramar Pumpback
- 43 Groundwater Reliability Improvement Program
- 37 Sludge Pond Mixing Upgrade
- 42 Hydroelectric Facilities Efficiency Upgrades
- 45 Miramar System Condition Assessment
- 40 PM-21 [Miramar] Bypass Magmeter
- 44 Renewable Energy Project

Suburban Water System

- 46 201 PFOA/PFAS treatment
- 47 Plant 410 Treatment Plant
- 48 Plant 128 Pump Station and Reservoir Replacement

Valencia Heights Water Company

- 49 Grand Ave waterline replacement
- 50 Reservoir rehab and retrofitting #4a
- 51 Reservoir rehab and retrofitting #6b
- 52 Reservoir rehab and retrofitting #6a
- 53 Reservoir rehab and retrofitting #4b
- 54 Golden Bough waterline replacement

Figure 5-1. Potential Suite of Mitigation Actions for the DCP

Note:

1. GSWC = Golden State Water Company, BSA = Boy Scouts of America
2. Project #44 is included to account for all proposed mitigation actions. However, upon further review with Three Valleys, it was determined that Project #44 does not qualify as a drought mitigation action.

5.2 Preliminary Review of Potential Mitigation Actions

Each potential project was classified using the categorization for each criterion provided in Table 5-1. Three Valleys and its member agencies collectively developed the criteria to assist in the identification of the key aspects of each project for the purposes of this DCP. This preliminary review could be used in future planning efforts to further inform regional priorities. Long term, Three Valleys will continue to meet with retail agencies on a regular basis to support them in prioritizing resiliency projects to address agency-specific concerns and needs.

Table 5-1. Review Criteria and Ranking

Criteria	Categorization		
Timing/Schedule	Short-term action (1-2 years)	Mid-term action (2-4 years)	Long-term action (> 4 years)
Enhance Regional Water Supply Reliability and Resiliency	Meets 3 of the regional benefits	Meets 2 of the regional benefits	Meets 1 of the regional benefits
Regional Benefits	Regional action	Action involves multiple adjacent agencies	Single agency action

The preliminary review of the potential suite of mitigation actions with respect to the criteria and categorization identified above is provided in full in Table C-1 in Appendix C. Details with respect to timing/schedule and the potential benefits associated with these mitigation actions are described below.

The 54 potential projects were grouped into short-, mid-, and long-term actions (Figure 5-2). Note that the potential timelines for the projects that are included in the DCP are estimates and as noted previously, depend upon many factors, such as the ability to secure funding, procurement, implementation complexities and permitting challenges, regional priorities, and other factors. However, with the estimates provided, 21 of the potential projects (or 39 percent) identified are projected for implementation in the short-term (by the end of 2026). Implementation for 16 of the potential projects (or 30 percent) is projected in the mid-term (by the end of 2028), and 17 of the potential projects are projected for implementation in the long-term (2029 and beyond).

	Short-Term	Mid-Term	Long-Term
System Interties	34, 41	6, 24, 26	29, 33, 36, 43*
New Extraction Wells	4, 5		21, 31*
Enhanced Well Efficiency	3, 25, 40	39	19, 23, 28, 38
Upgrade Aging Infrastructure	10, 12, 14, 15, 16, 20, 45, 48, 51, 52	8, 11, 13, 18, 37, 49, 50	9, 32, 42, 53, 54
Groundwater Treatment Projects	1, 35	2, 46, 47	7, 27
Conservation and Efficiency	17, 22	30, 44	
TOTAL	**21**	**16**	**17**

**Categorized under multiple project types*

Figure 5-2. Potential Timeline for Mitigation Actions

Note:

2. Project #44 is included to account for all proposed mitigation actions. However, upon further review with Three Valleys, it was determined that Project #44 does not qualify as a drought mitigation action.

The identified regional benefits for enhancing regional water supply reliability and resiliency are listed below. To determine whether a mitigation action contributes to these benefits, categories were specified for each, also detailed below:

Regional Benefits:

1. Increasing Local Supplies
2. Enhancing Operational Flexibility
3. Enhancing Water Supply Reliability

Categories:

1. Increasing Local Supplies:
    a. New Extraction Wells
    b. Enhanced Well Efficiency
    c. Groundwater Treatment Projects
2. Enhancing Operational Flexibility:
    a. System Interties
    b. Upgrading Aging Infrastructure
    c. Conservation and Efficiency Measures

3. Enhancing Water Supply Reliability:
    a. Overall supply increase
    b. Reduction in drought imported water dependency
    c. Decrease in overall imported water dependency

Of the 54 projects, programs, and strategies identified, 69 percent of the projects have the potential to enhance operational flexibility, 35 percent have the potential to increase local supplies, and 26 percent have the potential to enhance water supply reliability (Figure 5-3). Additionally, 74 percent of the projects meet one of the regional benefits, 22 percent meet two of the regional benefits, and only 4 percent meet all regional benefits. Many of the projects identified have multiple benefits and thus the percentages identified in Figure 5-3 do not sum to 100 percent.

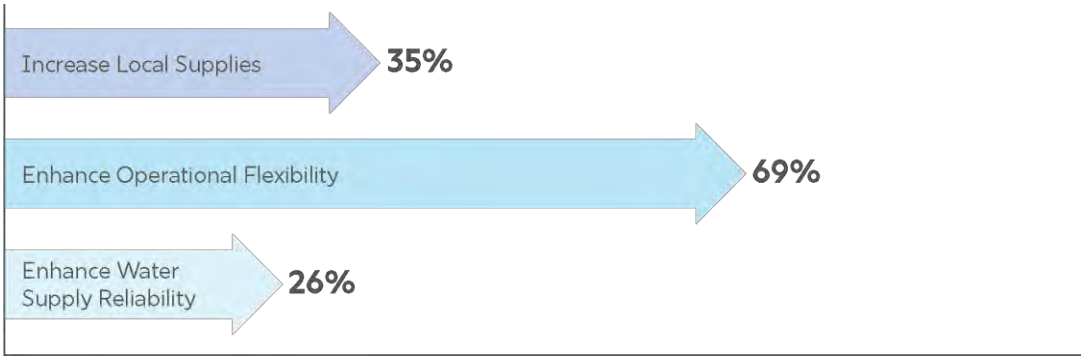
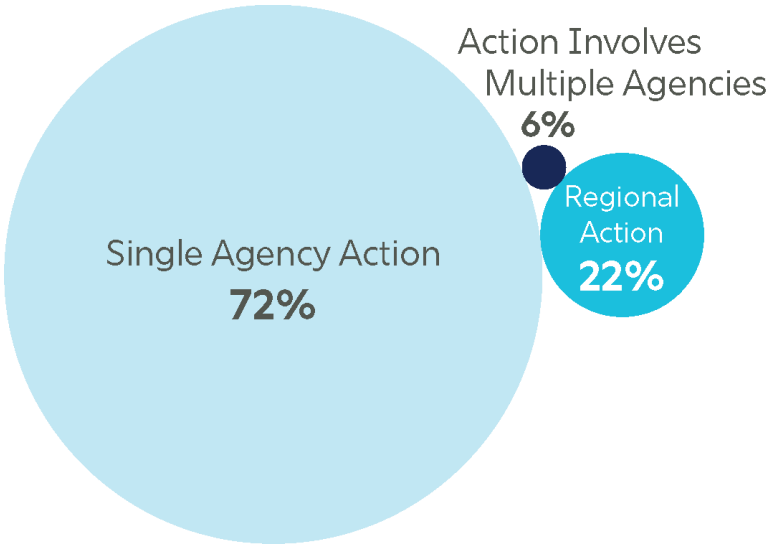


Figure 5-3. Potential Benefits of the DCP Mitigation Actions

Of the 54 identified projects, programs, and strategies, 72 percent are single-agency actions, 6 percent involve multiple agencies, and 22 percent are regional initiatives.



The suite of actions included in the DCP is based upon input provided by the Drought Task Force members. Future projects that meet the goals and objectives of the DCP may be considered in future updates of the DCP.

5.3 System Performance Evaluation

The following sections describe the initial analyses of the identified mitigation projects' proposed benefits relative to existing system performance in four infrastructure categories: water supply storage, conveyance pipelines, wells, and water quality treatment.

5.3.1 Storage Capacity

Three Valleys' water supply sources include: groundwater pumped from Six Basins; untreated, imported surface water purchased from Metropolitan for use at Three Valleys' treatment plant; and treated imported surface water purchased from Metropolitan. Three Valleys' main source of water supply is imported water from Metropolitan.

At of the end of 2023, Three Valleys had approximately 1,150 AF stored in the Main San Gabriel Basin (which is projected to increase to 10,000 AF by the end of 2024). The highest volume of water stored by Three Valleys in the Main San Gabriel Basin was 24,000 AF in 2019. Three Valleys also had 3,300 AF stored in the Six Basins groundwater basin in 2023, projected to decrease to 2,500 AF for 2024, and approximately 1,390 AF held in a storage account in the Chino groundwater basin by City of Pomona (2024). By end of 2024, Three Valleys is projected to have approximately 14 TAF in storage compared to its current storage capacity amongst the basins of 54,890 AF. The availability of water and the groundwater spreading facility availability limits the ability for Three Valleys to fully utilize its groundwater storage programs.

System Storage Facilities Analysis

Additional investment in water storage infrastructure is needed to ensure that all member agencies have access to storage facilities. In addition, the region seeks to enhance water supply reliability by maximizing use of its full storage capacity (of approximately 55 TAF), which is currently about a year's worth of imported water supply.

Table 5-2 shows proposed and conceptual mitigation projects from Three Valleys – and their member agencies – that could increase Three Valleys' storage capacity and/or improve the reliability of their current storage systems. These mitigation projects are summarized and described in more detail in Section 5.4.4.

Table 5-2. Proposed Projects to Enhance Storage Capacity

Project	Proponent	Increase in Storage Capacity (AF)
Surface Water Storage Project	City of Industry	n/a
Spadra Basin Optimization Scenario 3	Walnut Valley Water District with Pomona (through Spadra Basin GSA)	3,500
	TOTAL	3,500+

5.3.2 Pipelines

As a water wholesaler, Three Valleys relies on a network of pipelines to deliver water to retail agencies. In addition, Three Valleys connects to neighboring pipelines for added flexibility. For instance, in the spring of 2015, Three Valleys was able to connect to the City of Pomona's Canon pipeline that conveys water from San Antonio Creek to the City of Pomona's Pedley Filtration Plant located in the City of

Claremont to the direct surface water to San Antonio Spreading Grounds that benefit the Three Valleys' groundwater wells located in the Six Basins.

System Pipeline Facilities Analysis

A full asset condition survey has not been conducted for the Three Valleys water system. However, many pipelines and associated infrastructure within the system are approaching or even past their planned service life of approximately 50 years. This is particularly true for infrastructure constructed soon after the agency was established nearly 75 years ago. In addition, operational constraints in the conveyance system limit full utilization of water supply and storage capabilities. For example, Three Valleys has capacity to store 50,000 AF in the Main San Gabriel Basin but currently only has turnout capacity to import 5,000 to 6,000 AF/year from Metropolitan. Three Valleys developed a conceptual project which was tested in the fall of 2024 which provided an additional recharge capacity of 30 cubic feet per second. The facility would be able to recharge approximately 10,000 AF if operated continuously for six months without interruptions for basin maintenance or other facility limitations.

Table 5-3 shows proposed and conceptual mitigation projects from Three Valleys – and their member agencies – that could improve the reliability of their current pipeline systems. These mitigation projects are summarized and described in more detail in Section 5.4.4.

Table 5-3. Proposed Projects to Enhance Pipeline Reliability

Project	Proponent
Miramar System Condition Assessment	Three Valleys Municipal Water District
Covina Irrigating Company Interconnection	Rowland Water District & Walnut Valley Water District (through Puente Basin Water Agency)
Water Loss Reduction through Pipeline Replacement	City of Covina Water Department
Pipeline Intertie Replacements	City of Glendora

5.3.3 Wells

The number of active wells in the Three Valleys' region is estimated at between 40 and 50 based on the annual groundwater extraction of approximately 46,652 AF/year and an estimated yield of 800 gallons per minute (gpm) per well operating approximately 80 percent of the time. Some functioning wells are less efficient to operate as they approach the end of their planned service life. In addition, the region also has several wells which are no longer in use because of malfunctioning infrastructure or water quality conditions.

There is currently no comprehensive study on the state of wells in the region. However, anecdotal information from member agencies indicates that additional investment in new wells, groundwater treatment and rehabilitation projects is required to maintain or even increase total well extraction capacity in the region over the next few years.

System Wells Facilities Analysis

Table 5-4 shows well projects proposed by Three Valleys and member agencies to increase the total extraction capacity and improve the reliability of current wells. These mitigation projects are summarized and described in more detail in Section 5.4.4.

Table 5-4. Proposed Projects to Enhance Reliability of Well Extraction Capacity

Project	Proponent	Estimated Increase in Extraction Capacity (AF)
Grand Avenue Well Improvement	Three Valleys	n/a
Well #2 Improvement	Three Valleys	n/a
Groundwater Reliability Improvement Project	Three Valleys	9,000
Repurpose Farm Well #4 Water	Cal Poly Pomona	600
Future Wells as Injection (Recycled Water) and Extraction - 2 sites	Cal Poly Pomona (with Three Valleys, City of Pomona)	1,200
Six Basins Groundwater Project	Rowland Water District & Walnut Valley Water District (through Puente Basin Water Agency)	1,500
Spadra Basin Optimization Scenario 3	Walnut Valley Water District with Pomona (through Spadra Basin GSA)	2,994
Well #2 Replacement	City of Glendora	n/a
Well #7 Replacement	City of Glendora	n/a
Well #14 Replacement	City of Glendora	2,000
Redrilling Wells #10, #11 for Exploration	City of Glendora	n/a
La Verne Heights Well #1 Replacement	City of La Verne	n/a
	TOTAL	17,294+

5.3.4 Water Quality Treatment Infrastructure

Three Valleys obtains untreated, imported water supplies from Metropolitan for treatment at the District's Miramar Water Treatment Plant. In addition, Three Valleys produces groundwater from three wells located in the Six Basins which are also treated at the Miramar Water Treatment Plant.

System Treatment Infrastructure Facilities Analysis

The total treatment capacity currently operated by Three Valleys and their member agencies is unknown. However, member agencies have identified 8 water treatment projects. If implemented, the projects would enhance the region's treatment capacity by over 9,500 AF/year

Table 5-5 shows proposed and conceptual mitigation projects from Three Valleys – and their member agencies – that could improve the reliability of their water treatment infrastructure and systems. These mitigation projects are summarized and described in more detail in Section 5.4.4.

Table 5-5. Proposed Projects to Enhance Water Treatment Infrastructure Reliability

Project	Proponent	Increase in Usable Supply (AF)
Filter Drain Valves	Three Valleys	n/a
Sludge Pond Mixing Upgrade	Three Valleys	n/a
Volatile Organic Compounds (VOC) Treatment at Well #2	Cal Poly Pomona	460
Install Additional Reverse osmosis (RO) Train at Cal Poly Pomona Water Treatment Plant	Cal Poly Pomona	275
Well Treatment	City of La Verne	3,500
City of Pomona Combined Project (Groundwater Quality Improvement, Anion Exchange Plant)	City of Pomona	5,300
201 PFOA/PFAS Treatment	Suburban Water System	n/a
Plant 410 Treatment Plant	Suburban Water System	n/a
	TOTAL	9,535+

5.3.5 Summary of Infrastructure Need

As described in the previous sections, Three Valleys has a need for additional infrastructure investment across all infrastructure categories analyzed. Investments in mitigation projects identified as part of this process will support Three Valleys' goals of increasing local water supply reliability and reducing dependency on imported water supply.

Table 5-6 shows estimated Three Valleys and member agency project benefits relative to their respective infrastructure needs. It should be noted that the project water supply yields listed in this table were submitted by the respective project proponents as part of the mitigation project development; not every project submitted had a yield associated with the project as part of these project proponent submittals. Therefore, the yield and project costs listed in this table were only calculated for projects that included an estimated yield.

Table 5-6. Summary of Proposed Project Benefits Relative to Infrastructure Needs

Category (Number of Projects)	Total Project Yield (AF)	Project Yield Cost ($/AF)	
		Group Range	Group Average
Integrated Storage and Wells (1)	2,994	--	$53,616
Pipelines (2)	2,200	$2,000-$17,000	$3,465
Wells (5)	14,300	$300-$15,000	$10,735
Treatment (4)	9,535	$1,000-$3,000	$1,841
TOTAL	29,029	$300-$17,000	$11,685

5.4 Mitigation Projects Analysis

As described earlier, Three Valleys and its member agencies, together with other regional stakeholders, identified 54 projects, programs, and strategies designed towards the goal of increasing regional water supply planning and operational flexibility and resiliency. Of those, 26 projects included new infrastructure and/or updates to existing infrastructure; these 26 projects were sorted into four infrastructure categories, described in Section 5.3.

Numerous factors have the potential to impact implementation of these mitigation projects, such as funding availability, regulatory requirements, implementation complexities, and strategic planning priorities that are unique to each regional stakeholder. The following sections describe several of these factors: project cost, project implementation schedule, and probability of project's implementation. A summary of funding opportunities for regional and/or local projects is also presented.

5.4.1 Cost

Table 5-7 and Figure 5-4 present summaries of proposed regional infrastructure project estimated construction costs. The estimated total cost of the 26 proposed projects is over $660 million. Note that the projects included in these summaries include all 26 infrastructure projects described above, not just the infrastructure projects that were submitted with estimated water supply yields as presented in Table 5-5.

Table 5-7. Summary of Proposed Infrastructure Project Estimated Construction Costs

Type of Project	Number of Projects	Estimated Average Cost ($)	Estimated Total Cost ($)
Storage	2	$88M	$176M
Pipelines	4	$3M	$12M
Wells	12	$27.3M	$327M
Treatment	8	$6.5M	$52M
		TOTAL	$667M

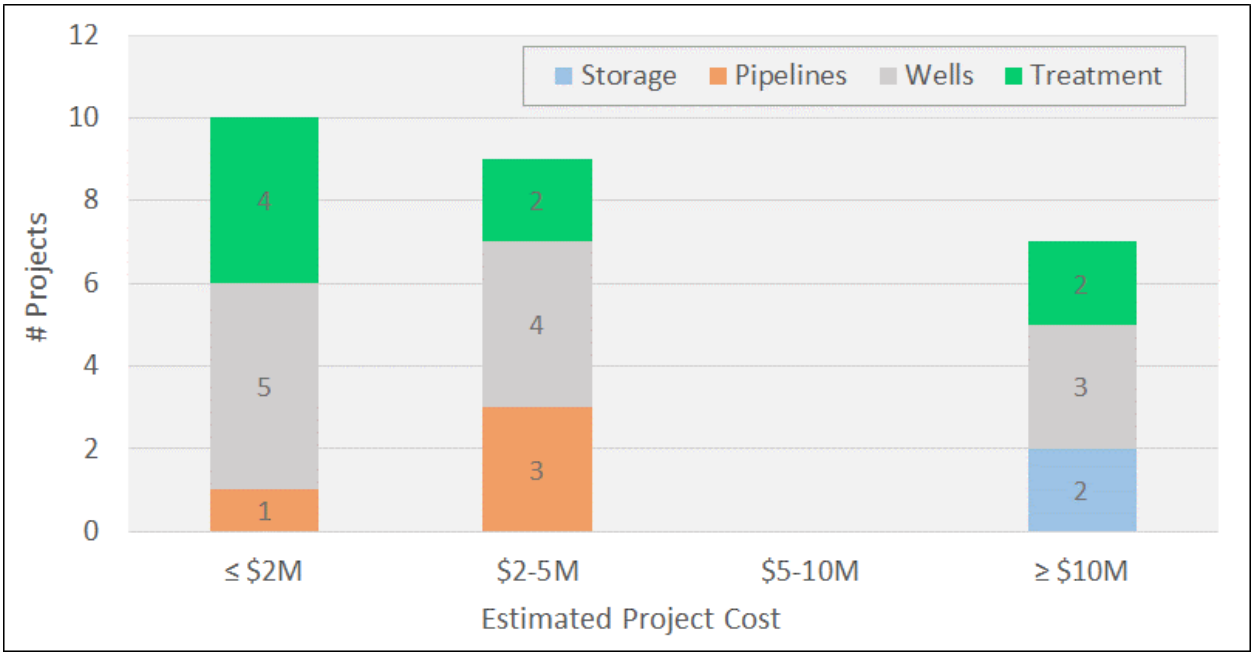


Figure 5-4. Grouped Summaries of Proposed Infrastructure Project Costs

Key Observations:

- Storage projects are relatively expensive in terms of total cost and cost per acre-foot. However, these projects can greatly improve water supply reliability and reduce dependence on imported water during periods of drought.
- Treatment and Wells projects are the most common type of proposed projects. They are also the most cost-effective source of supply in terms of cost per acre-foot. The amount of supply available from these projects is limited by availability of water rights.
- All Pipeline projects proposed are less than $5M. While they do not generate any new supplies, pipeline projects enhance water supply reliability and provide additional operational flexibility.

5.4.2 Schedule

Table 5-8 and Figure 5-5 present summaries of proposed regional infrastructure estimated project implementation schedules. Note that the projects included in these summaries include all 26 infrastructure projects described above, not just the infrastructure projects that were submitted with estimated water supply yields.

Table 5-8. Summary of Proposed Infrastructure Project Implementation Schedules

Type of Project	Number of Projects	Estimated Construction Schedule
Storage	2	6 yrs
Pipelines	4	3.4 yrs
Wells	12	4.1 yrs
Treatment	8	3 yrs

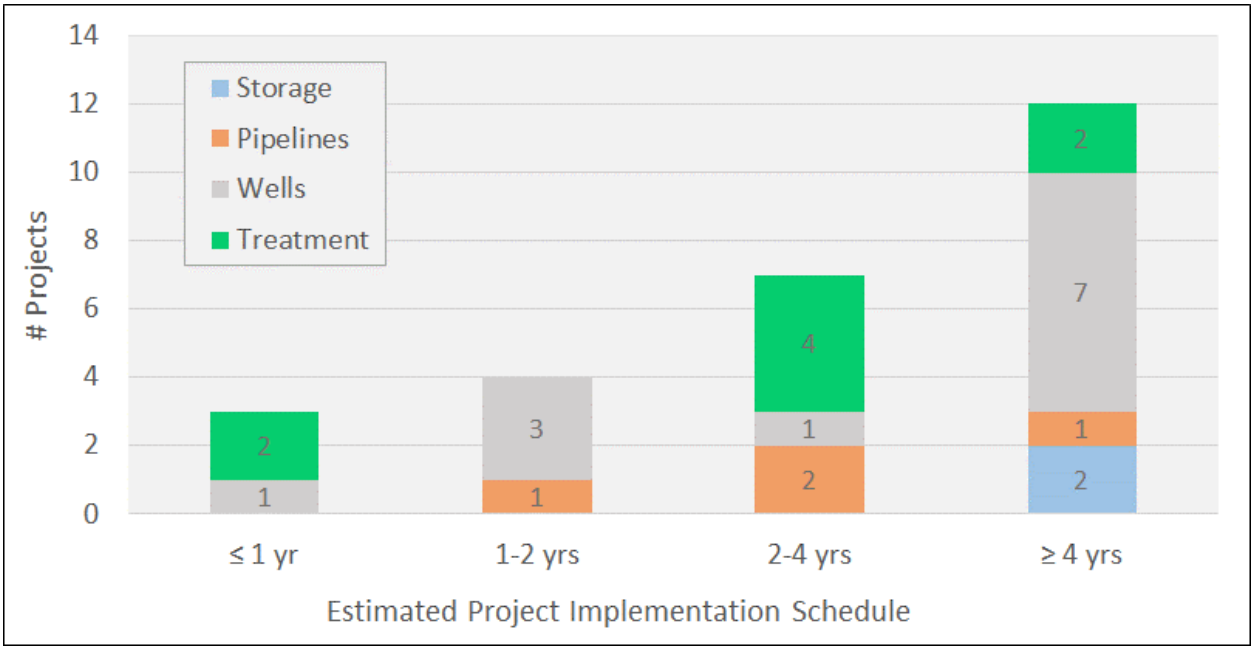


Figure 5-5. Grouped Summaries of Proposed Infrastructure Project Implementation Schedules

Key Observations:

- Most of the proposed projects have implementation schedules of greater than 4 years. These projects typically require external funding and collaboration from multiples agencies for implementation.
- However, there are 7 projects in three categories (wells, treatment, and pipelines) that are estimated to be completed in less than two years. These are typically projects that can be implemented by individual agencies as part of local capital improvement plans.
- Storage projects typically fall within the class of longer-range implementation projects which require external funding and regional partnerships.

5.4.3 Implementation

Table 5-9 and Figure 5-6 present summaries of proposed regional infrastructure project implementation probabilities. Note that the projects included in these summaries include all 26 infrastructure projects described above, not just the infrastructure projects that were submitted with estimated water supply yields.

Table 5-9. Summary of Proposed Infrastructure Project Implementation Probabilities

Type of Project	Number of Projects	Average Implementation Probability
Storage	2	20%
Pipelines	4	40%
Wells	12	52%
Treatment	8	68%

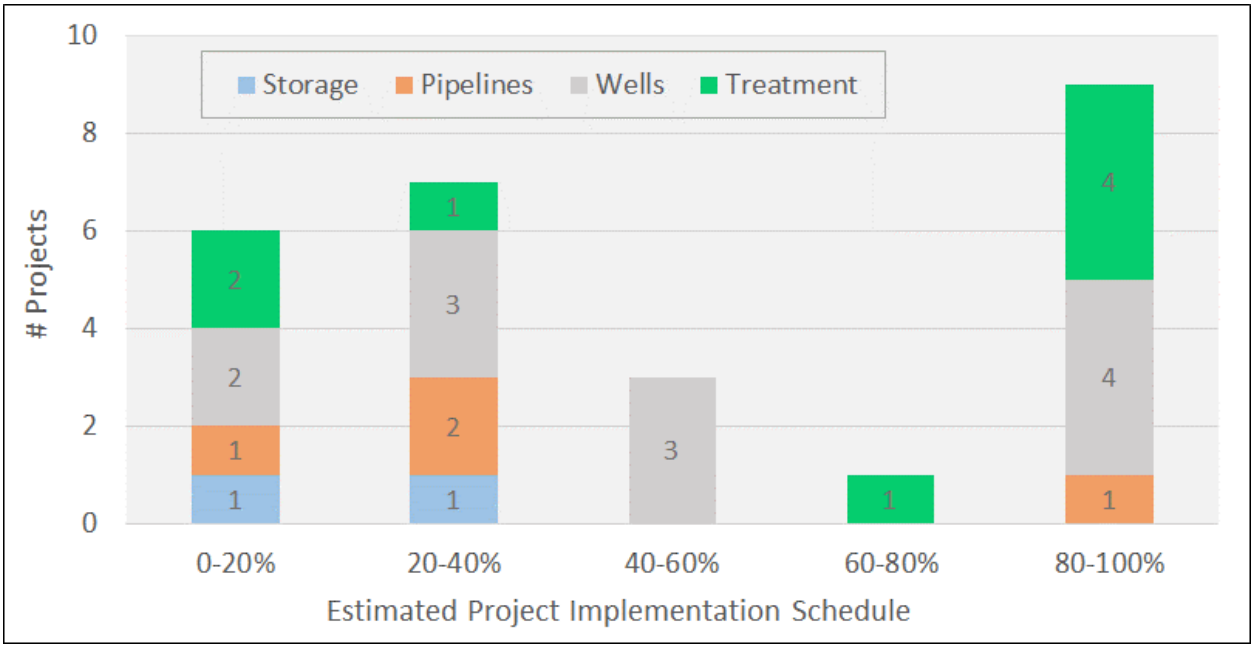


Figure 5-6. Grouped Summaries of Infrastructure Project Implementation Probabilities

Key Observations:

- Approximately half of Treatment and Wells projects are viewed as highly likely to be implemented.
- Storage projects and other infrastructure projects requiring regional partnerships and external funding are viewed as less likely (less than 40% probability) to be implemented.

5.5 Opportunities for Regional Project Collaboration

As a region which relies 50 to 60 percent on imported water supplies, it is imperative for Three Valleys to invest in local supplies and supply diversification. Three Valleys has been advocating amongst regional partnering agencies to increase investments in the three groundwater basins that the Three Valleys services are overlies and includes storage accounts, specifically, the Chino, Main San Gabriel, and Six Basins groundwater basins. This section presents four regional projects which were derived from projects proposed by Three Valleys, member agencies, and regional stakeholders.

These regional projects are highlighted in this section because they address the regional goals of increasing water supply reliability and reducing dependence on imported water supplies. These regional projects, along with the Three Valleys–specific projects listed in Appendix C and Figure 5-1, represent efforts that Three Valleys could directly lead, support, or coordinate to enhance regional drought preparedness.

In the context of these regional projects, Three Valleys' role may vary by project and project phase. Three Valleys has direct control over activities related to regional planning, funding participation, groundwater storage accounts, transmission infrastructure it owns or operates, and coordination of regional partnerships. Implementation elements such as new wells, treatment facilities, and local distribution infrastructure may be led by member agencies or partner entities, with Three Valleys

providing technical coordination, contractual support, funding participation, and/or governance through regional agreements.

5.6 Description of Regional Projects

5.6.1 Regional Project #1 – External Partnership with Covina Valley Water Company (Main San Gabriel Basin)

This regional project would include construction of an intertie to access existing water supply from CVWC. Through Puente Basin Water Agency (PBWA), a joint powers authority between WVWD and RWD, WVWD and RWD would lead the construction of this intertie, which would allow pumping of surplus CVWC well and surface water into the Badillo-Grand pipeline via the new interconnection. Table 5-10 shows the regional needs addressed by this regional project.

Table 5-10: Regional Needs addressed by Regional Project 1

Regional Needs	Components of Regional Project 1
Extraction Wells	
'Put' Facilities	
Regional Pipelines	X
Increase in Treatment Facilities	
Increase in Storage	
Increase of Local Supply	X

This project would increase regional water supply reliability and reduce overall dependence on imported water supplies, thereby improving operational flexibility by integrating additional water sources into the existing network within the Three Valleys service area. This regional project would provide an estimated 2 TAF toward Three Valleys' goals of reducing overall dependency on imported water by 10 TAF and increasing overall water supply by 15 TAF.

5.6.2 Regional Project #2 – Three Valleys Groundwater Reliability Improvement Program (GRIP)

This regional project would include a Three Valleys partnership with the City of Glendora and PBWA to implement a regional distribution network and local supplies by utilizing 9,000 AF/year of stranded City assets. The regional distribution network would be augmented by the construction of new treatment facilities and conveyance pipelines. Three Valleys, as the lead agency, will develop the project that includes new replacement wells with wellhead treatment for City of Glendora's Wells #3, 4, and 7, and the pipeline and pumpstations. This regional project could also be expanded to address water quality concerns for more member agencies. Table 5-11 shows the regional needs addressed by this regional project.

Table 5-11: Regional Needs addressed by Regional Project 2

Regional Needs	Components of Regional Project 2
Extraction Wells	X
'Put' Facilities	

Regional Needs	Components of Regional Project 2
Regional Pipelines	X
Increase in Treatment Facilities	X
Increase in Storage	X
Increase of Local supply	X

This project would increase regional water supply reliability, thereby improving operational flexibility by integrating additional water sources into the existing network. This regional project would provide an estimated 9 TAF toward Three Valleys' goal of increasing overall water supply by 15 TAF.

5.6.3 Regional Project #3 – Three Valleys Storing Water in Main San Gabriel Basin (GRIP+)

This regional project would include a Three Valleys partnership with the City of Glendora and City of Pomona in which Three Valleys would store surplus imported water in wet years for the Cities via groundwater recharge at the Santa Fe Spreading Grounds in the Main San Gabriel Basin. The project would also include the drilling of five new wells (two for Glendora, three for Pomona) along with wellhead treatments for all five wells, as well as the installation of approximately 5 miles of potable water pipeline by connecting Main San Gabriel Basin supplies to the City of Pomona's distribution system via the Pomona-Walnut-Rowland Joint Water Line (JWL). Table 5-12 shows the regional needs addressed by this regional project.

Table 5-12: Regional Needs addressed by Regional Project 3

Regional Needs	Components of Regional Project 3
Extraction Wells	X
'Put' Facilities	
Regional Pipelines	X
Increase in Treatment Facilities	
Increase in Storage	X
Increase of Local Supply	X

Most of City of Pomona's groundwater supply comes from the Chino and Six Basins groundwater basins, which have degraded water quality; this affects 1) their ability to maximize their groundwater rights, and 2) their reliance on imported water, as their existing wells need blending to remove contaminants. This regional project, therefore, would increase water supply reliability and improve operational flexibility by expanding water storage via the Main San Gabriel groundwater basin, creating infrastructure to integrate supplies into the existing network, and increasing groundwater treatment capacity. This project would produce approximately 9.2 TAF of local groundwater supply, increasing water supply reliability toward Three Valleys' goal of increasing overall water supply by 15 TAF.

5.6.4 Regional Project #4 – Chino Basin Conjunctive Use with Three Valleys

This regional project would include a partnership between Three Valleys and the City of Pomona. Three Valleys will store water in the Chino Basin and fund City of Pomona's infrastructure projects in

exchange for the pumping and delivery of water for use by the Three Valleys member agencies, such as the City of La Verne, Golden State Water Company and the Puente Basin Water Agency. The exchange water could also be conveyed from the Chino Basin to respective member agencies via the Joint Water Line (JWL) and the Badillo/Grand Transmission Main. Alternate water conveyance arrangements could also be considered to enable broader participation and access to water supply benefits by interested member agencies. This local groundwater source could be particularly helpful to member agencies with high dependencies on imported water to meet their demands, such as RWD and WVWD. Table 5-13 shows the regional needs addressed by this regional project.

Table 5-13: Regional Needs addressed by Regional Project 4

Regional Needs	Components of Regional Project 4
Extraction Wells	
'Put' Facilities	
Regional Pipelines	
Increase in Treatment Facilities	
Increase in Storage	X
Increase of Local Supply	X

This project would increase regional water supply reliability and reduce dependence on imported water during droughts, thereby improving operational flexibility by integrating additional water sources into the existing network, contributing toward Three Valleys' goals of reducing overall dependency on imported water by 10 TAF and increasing overall water supply by 15 TAF.

5.7 Risk Analysis and Prioritization of Regional Projects

In this master planning process, member agencies are trying to determine which regional projects deliver the broadest combination of regional benefits with the lowest risk. As projects progress from initial conception to preliminary design, quantitative benefit-cost analyses will need to be conducted. However, the regional projects included in this masterplan are currently at the early stages of initial conception. Qualitative methods applied for evaluating the benefits and risks of the regional projects are described in this section of the report.

5.7.1 Assessing Project Benefits

A pairwise comparison analysis was used to compare the regional projects on multiple benefit criteria. Pairwise comparison is a decision analysis method which allows evaluators to rank multiple decision alternatives by iteratively comparing two alternatives at a time. The pairwise comparison allows member agencies to compare two projects at a time for each regional benefit. The comparisons are repeated until all project pairs have been compared for each regional benefit of interest. The list of project benefits used as evaluation criteria is shown in Table 5-14.

Table 5-14: Evaluation Criteria used for Project Benefits

Goal	Regional Project Needs as Evaluation Criteria
10 TAF	1. Reduce dependency on imported water during drought years

Goal	Regional Project Needs as Evaluation Criteria
10 TAF	2. Reduce overall dependency on imported water
60 TAF	3. Increase total water in storage to about one year of imported supplies from Metropolitan
15 TAF	4. Increase Three Valleys PUT capacity by 15 TAF/year
15 TAF	5. Increase climate resilience – need to meet additional 15 TAF/year[3]
	6. Increase operational flexibility with additional Three Valleys conveyance facilities to transmit water from West to East, through a shared program with member agencies.
	7. Affordability of marginal cost of water produced compared to Metropolitan water
	8. Increase local groundwater treatment capacity
	9. Increase local extraction capacity

For each of the 9 evaluation criteria listed, the project being evaluated is placed on a row and compared to other regional (comparison) projects listed on columns. Pairwise comparison scores are assigned as follows:

- A score of 0 is assigned if the evaluation project is worse the comparison project
- A score of 0.5 is assigned if the evaluation project is equal to the comparison project
- A score of 1.0 is assigned if the evaluation project is better than the comparison project

The combined pairwise analysis scores assigned by member agencies (aggregated from all 9 evaluation criteria) are shown in Table 5 15.

Table 5 15: Combined Pairwise Benefit Evaluation Scores Assigned by Member Agencies

	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	3.25	2.75	3.667	9.667
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	5.75	X	3.5	4.833	14.083
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	6.25	5.5	X	4.833	16.583
Project 4: Chino Basin Conjunctive Use with Three Valleys	5.333	4.167	4.167	X	13.667

[3] *Compliance with State 2030 goal for 42 GPCD reduces total member agency demand by approximately 5 TAF/year*

The average benefit scores assigned by member agencies to each project are also shown by each evaluation criterion in Table 5-16. Note that each project can attain a maximum score of 3 per criterion (if it scores 1 when compared with the other three comparison projects). Since there are 9 evaluation criteria, the maximum sum of benefit scores per project is 27.

Table 5-16: Project Benefit Evaluation Scores Assigned by Member Agencies to Each Criterion

Project	Crit.1	Crit.2	Crit.3	Crit.4	Crit.5	Crit.6	Crit.7	Crit.8	Crit.9.	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	1.000	1.667	1.000	0.917	1.417	0.417	1.833	0.500	0.917	9.667
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	1.583	1.500	1.583	1.500	1.333	1.750	1.333	1.750	1.750	14.083
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	1.667	1.500	2.167	2.167	1.417	2.083	1.500	2.250	1.833	16.583
Project 4: Chino Basin Conjunctive Use with Three Valleys	1.750	1.333	1.250	1.417	1.833	1.750	1.333	1.500	1.500	13.667

The results show that member agencies identified Project 3: Three Valleys Storing Water in Main San Gabriel Basin (GRIP+) as the project that would deliver the broadest set of regional benefits. Project 1: External Partnership with Covina Irrigation Company (Main SG Basin) is identified the project that would deliver the least amount of regional benefits.

5.7.2 Evaluation of Project Risks

A qualitative risk analysis was used to compare the regional projects on multiple risk categories. The risk categories include 1) Costs Risk, 2) Implementation Risk, 3) Operations Risk, and 4) Stakeholders Risk. Various elements of risk were identified for consideration when assessing each risk category as shown in Table 5-17.

Table 5-17: Project Risk Categories with Associated Elements of Risk

Risk Category	Risk Elements
Costs	Risk of capital cost overruns
	Risk of partner agencies not paying their share
	Risk of not securing external financing and funding
	Risk of increasing long-term operations and maintenance costs
Implementation	Risk of project duration and schedule overruns
	Risk of land not being available
	Risk of running into constructability issues
	Risk of having limited implementation options

	Risk of permitting complications such as permit conditions and denials
	Risk of the project not being thoroughly planned
Operations	Risk of yield variability and reliability
	Uncertainty of operating partnerships
	Risk of inter-dependent projects not coming through
	Risk of environmental and water quality regulations (e.g., PFAS)
	Lack of redundancy for emergency operations/asset failures
Stakeholders	Lack of ratepayer support
	Risk of not garnering Three Valleys and member board support
	External stakeholder opposition
	Opposition from environmental/special interest groups

A risk score is computed to each regional project based on the Severity and likelihood scores assigned by member agencies for each of the four categories of risk. The risk score is determined as a product of the Severity score and the Likelihood score.

*Risk = Severity * Likelihood*

Severity is a measure of how adversely the occurrence of a category of risk would impact a given project. Severity scores assigned to each risk category range from 1 to 4 as follows:

1. Low Severity = Low to no effect on project
2. Medium Severity = Minor to modest impacts
3. High Severity = Significant or substantial impacts
4. Very High Severity = Extreme potential impacts

Likelihood is a measure of whether a risk category is likely to materialize on a given project. Likelihood scores assigned to each risk category range from 1 to 4 as follows:

1. Very Unlikely = Risks will not materialize
2. Unlikely = Risks probably will not materialize
3. Likely = Risks probably will materialize
4. Very Likely = Almost certain risks will materialize

Table 5-18: Results of Project Risk Evaluation by Risk Categories.

Project	Risk Scores	Costs	Implementation	Operations	Stakeholders
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	Severity	2.00	2.00	2.00	1.71
	Likelihood	2.14	2.29	2.14	1.71
	Risk	**4.28**	**4.58**	**4.28**	**2.92**
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	Severity	3.00	3.14	2.57	3.14
	Likelihood	2.71	3.00	2.86	3.00
	Risk	**8.13**	**9.42**	**7.35**	**9.42**
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	Severity	2.50	2.33	2.33	2.67
	Likelihood	2.50	2.33	2.33	2.50

Project	Risk Scores	Costs	Implementation	Operations	Stakeholders
	Risk	6.25	5.43	5.43	6.68
Project 4: Chino Basin Conjunctive Use with Three Valleys	Severity	2.20	2.00	2.20	2.20
	Likelihood	2.40	2.40	2.20	2.00
	Risk	5.28	4.80	4.84	4.40

The results show that member agencies identified Project 1: External Partnership with Covina Irrigation Company (Main San Gabriel Basin) as the lowest risk project. Conversely, Project 2: Three Valleys GRIP was identified as the highest risk project.

5.7.3 Summary of Project Benefit-Risk Results

The final preferred project rankings are determined by combining the results of the project benefit evaluation and the risk analysis. For each project, the total risk scores from all four risk categories are divided by the maximum possible risk score of 64 to create a risk index. Similarly, the total benefit scores from all nine evaluation criteria are divided by the maximum possible benefit score of 27 to create a benefit index. The integrated benefit-risk ratio is computed by dividing the benefit index by the risk index as shown in Table 5-19.

Table 5-19: Project Ranking Results for Benefit-Risk Assessment

Regional Project	Sum of Risk (max = 64)	Risk Index	Sum of Benefits (max = 27)	Benefit Index	Benefit - Risk Ratio	Preferred Project Rank
Project 4: Chino Basin Conjunctive Use with Three Valleys	19.32	0.302	13.67	0.506	1.677	1
Project 3: Three Valleys Storing Water in Main San Gabriel Basin (GRIP+)	23.81	0.372	16.58	0.614	1.651	2
Project 1: External Partnership with Covina Irrigation Company (Main San Gabriel Basin)	16.08	0.251	9.67	0.358	1.425	3
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	34.35	0.537	14.08	0.522	0.972	4

The results show that 'Project 4: Chino Basin Conjunctive Use with Three Valleys' has been identified by member agencies as best suited to provide the best combination of high benefits with lower risk. Project 3 (GRIP+) and Project 1 (CIC - Main San Gabriel Basin) are ranked second and third, respectively. Project 2 (GRIP) is viewed as having the lowest benefits relative to its associated risks.

6 Response Actions

Response Actions refer to the measures taken during a drought to manage the limited water supply and mitigate immediate impacts. These actions are triggered by water shortage stages and can be quickly implemented to provide expeditious benefits.

Three Valleys and its member agencies that are considered urban water suppliers have each developed an UWMP WSCP. The WSCP serves as a framework for preparing for and responding to water shortages within each respective agency's service area boundary. Each agency's WSCP specifies drought response actions corresponding to different water shortage stages. Urban water suppliers adhere to six standard levels, which categorize increasing water shortage conditions—ranging from up to 10 percent to greater than 50 percent shortage compared to normal reliability (see Table 3-1)—and align with the response actions that a water supplier would implement to meet the severity of the impending shortages.

Table 6-1 lists the agencies' shortage response actions associated with each shortage level per their 2020 WSCPs.

Table 6-1. WSCP Planning levels by Agency

Agency	Shortage Level 1		Shortage Level 2		Shortage Level 3		Shortage Level 4		Shortage Level 5		Shortage Level 6	
	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)
City of Covina	Up to 10%	The following prohibitions are to be implemented during a Shortage Level 1: (a) Limit landscape irrigation to specific times (b) Limit on watering duration to nor more than 15 minutes per day per station (c) Restrict or prohibit runoff from landscape irrigation (d) Prohibit use if potable water for washing hard surfaces (e) Restrict water use for decorative water features (f) Prohibit vehicle washing except at facilities using recycled or recirculating water (g) Restaurants may only serve water upon request (h) Lodging establishment must offer opt out of linen service (i) No installation of Single Pass Cooling Systems (j) No installation of non-recirculating water systems in commercial car wash and laundry systems (k) Restaurants required to use water conserving dish wash spray valves (l) Customers must repair leaks, breaks, and malfunctions within 72 hours of notification by the City (m) Limit landscape irrigation to specific days	Up to 20%	In addition to the prohibitions to Shortage Level 1, the following prohibitions are to be implemented during a Shortage Level 2: (a) Limit landscape irrigation to two days per week (b) Customers must repair leaks, breaks, and malfunctions within 48 hours of notification by the City (c) Filling or refilling ornamental lakes or ponds is prohibited (d) Prohibit vehicle washing except at facilities using recycled or recirculating water	Up to 30%	In addition to the prohibitions to Shortage Level 2, the following prohibitions are to be implemented during a Shortage Level 3: (a) Prohibit all landscape irrigation (b) Customers must repair leaks, breaks, and malfunctions within 24 hours of notification by the City (c) No new potable water service will be provided, no new temporary meters or permanent meters will be provided, and no statements of immediate ability to serve or provide potable water service, such as will-serve letters, certificates, or letters of availability, will be issued	Up to 40%	The following water use restrictions shall be in effect and will be enforced on all customers: The restrictions in Phase V Water Shortage Level 4 shall be that same as Phase IV Water Shortage Level 3, with the exception that no customer shall cause, use or permit the use of water for any purpose in an amount in excess of 60% of said customer's base period allocation.	Up to 50%	The following water use restrictions shall be in effect and will be enforced on all customers: The restrictions in Phase VI Water Shortage Level 5 shall be that of Phase V Water Shortage Level 4, with the exception that no customer shall cause, use or permit the use of water for any purpose in an amount in excess of 50% of said customer's base period allocation.	>50%	The following water use restrictions shall be in effect and will be enforced on all customers: The restrictions in Phase VI Water Shortage Level 6 shall be that of Phase V Water Shortage Level 5, with the exception that no customer shall cause, use or permit the use of water for any purpose in an amount in excess more than of 50% of said customer's base period allocation.
City of Glendora	Up to 10%	Watering shall be prohibited from 8:00a.m. to 5:00p.m. of any yard, orchard, park, golf course, recreational area, or other area containing vegetation. The use of continuous running water from a hose, pipe, or faucet for the purpose of cleaning buildings and paved, tile, wood, plastic or other surfaces shall be prohibited, except in the event the City Director determines that such use is	Up to 20%	In addition to Shortage Level 1, every operator of a hotel, motel, or other commercial establishment offering lodgings shall institute daily washing of towels and linens only upon request and shall post signs in each room notifying customers of the	Up to 30%	In addition to Shortage Level 2, the use of water through a meter that is used solely for irrigation purposes shall be prohibited, and the City shall have the right to shut off water service to any	Up to 40%	In addition to Shortage Level 3, the private washing of all recreational vehicles and other vehicles shall be prohibited, except using a bucket and hose equipped with a self-closing valve that requires operator	Up to 50%	In addition to Shortage Level 4; Additional restrictions may be implemented as determined by the City, after notice to customers.	>50%	In addition to Shortage Level 5; Additional restrictions may be implemented as determined by the City, after notice to customers.

Agency	Shortage Level 1		Shortage Level 2		Shortage Level 3		Shortage Level 4		Shortage Level 5		Shortage Level 6	
	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)
		the only feasible means of correcting a potential threat to health, sanitation or safety.		Stage 1 Water Supply Shortage Level.		such meter without notice.		pressure to activate the flow of water.				
City of La Verne	Up to 10%	For water shortages up to 10%, Phases II or III may be implemented to meet the severity of the impending shortages. For example: Hose washing of sidewalks, walkways, driveways, parking areas, hardscapes, or other paved surfaces shall be prohibited; All leaks from indoor and outdoor plumbing fixtures shall be repaired within forty- eight hours of discovery or notification.	Up to 20%	For water shortages up to 20%, Phases IV or V may be implemented to meet the severity of the impending shortages. For example: The restrictions identified in Phase I and II, excepting (#10), shall remain in effect; Watering of landscape or other turf area, including that of commercial nurseries, golf courses, and other water dependent industries shall only be permitted between the hours of one hour before sunset and ten a.m. for no more than five minutes per station or area, and not to exceed more than twenty minutes per week; except that there shall be no restriction on watering with reclaimed water, providing that signs are posted that identify reclaimed water is being used.	Up to 30%	For water shortages up to 30%, Phases VI or VII may be implemented to meet the severity of the impending shortages. For example: The restrictions identified in Phase I and II, excepting (#10), shall remain in effect; New swimming pool and spa permits shall be issued at the discretion of the public works director based upon the availability of water.	Up to 40%	For water shortages up to 40%, Phases VIII may be implemented to meet the severity of the impending shortages. For example: The restrictions identified in Phase I and II, excepting (#10), shall remain in effect; All outdoor irrigation is prohibited except for handheld watering or use of properly operating drip irrigation systems to water mature trees and mature shrubs. Commercial nurseries and other water dependent industries shall only water landscape stock by use of properly operating drip irrigation systems or handheld buckets. Watering of all outdoor turf areas is prohibited, excepting golf course greens.	Up to 50%	For water shortages up to 50%, Phases IX may be implemented to meet the severity of the impending shortages.	>50%	N/A

Agency	Shortage Level 1		Shortage Level 2		Shortage Level 3		Shortage Level 4		Shortage Level 5		Shortage Level 6	
	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)
City of Pomona	Up to 10%	Watering or irrigating is limited to a maximum of 3 days per week during April through October and a maximum of 1 day per week during November through March. All leaks, breaks, or other malfunctions must be repaired within 72 hours.	Up to 20%	In addition to Shortage Level 1, actions include increased limitation on watering or irrigating; all leaks, breaks, or other malfunctions must be repaired within 48 hours; Limits on filling ornamental lakes, washing vehicles, and filling residential swimming pools and spas.	Up to 30%	In addition to Shortage Level 2, actions include implementation of other prohibitions, restrictions, or operational changes on water uses as determined by the City. These actions include, but are not limited to, an increase in the water rate structure and increased performance of customer water loss audits.	Up to 40%	In addition to Shortage Level 3, actions include restrictions on watering or irrigating and all leaks, breaks, or other malfunctions must be repaired within 24 hours. The City in its sole discretion may decide not to provide new potable water service or may discontinue service.	Up to 50%	In addition to Shortage Level 4, actions include implementation of other prohibitions, restrictions, or operational changes on water uses as determined by the City. These actions include, but are not limited to, an increase in the water rate structure and increased performance of customer water loss audits.	>50%	In addition to Shortage Level 5, actions include implementation of other prohibitions, restrictions, or operational changes on water uses as determined by the City. These actions include, but are not limited to, an increase in the water rate structure and increased performance of customer water loss audits.
GSWC - Claremont	Up to 10%	Watering or irrigating is limited to a maximum of 2 days per week. All outdoor irrigation must occur between 9 a.m. or after 5 p.m. GSWC will change the number of watering days and the specific days of watering after notification in accordance with CPUC Rule 14.1.	Up to 20%	In addition to Shortage Level 1, allocations will be based on 2013 baseline less 32 percent. No allocation will be less than 8 Ccf/month or 16 Ccf/bi-monthly billing periods. Users in excess of allocation will be charged regular rate plus $2.50 per Ccf.	Up to 30%	In addition to Shortage Level 2, GSWC may add actions if conditions warrant including, but not limited to, increasing the number of watering days and the specific days of watering in accordance with CPUC Rule 14.1.	Up to 40%	In addition to Shortage Level 3, users in excess of allocation will be charged regular rate plus $5.00 per Ccf.	Up to 50%	In addition to Shortage Level 4, GSWC may add actions if conditions warrant including, but not limited to, increasing the number of watering days and the specific days of watering in accordance with CPUC Rule 14.1.	>50%	In addition to Shortage Level 5, users in excess of allocation will be charged regular rate plus $10.00 per Ccf.
GSWC - San Dimas	Up to 10%	Watering or irrigating is limited to a maximum of 2 days per week. All outdoor irrigation must occur between 9 a.m. or after 5 p.m. GSWC will change the number of watering days and the specific days of watering after notification in accordance with CPUC Rule 14.1.	Up to 20%	In addition to Shortage Level 1, allocations will be based on 2013 baseline less 32 percent. No allocation will be less than 8 Ccf/month or 16 Ccf/bi-monthly billing periods. Users in excess of allocation will be charged regular rate plus $2.50 per Ccf.	Up to 30%	In addition to Shortage Level 2, GSWC may add actions if conditions warrant including, but not limited to, increasing the number of watering days and the specific days of watering in accordance with CPUC Rule 14.1.	Up to 40%	In addition to Shortage Level 3, users in excess of allocation will be charged regular rate plus $5.00 per Ccf.	Up to 50%	In addition to Shortage Level 4, GSWC may add actions if conditions warrant including, but not limited to, increasing the number of watering days and the specific days of watering in accordance with CPUC Rule 14.1.	>50%	In addition to Shortage Level 5, users in excess of allocation will be charged regular rate plus $10.00 per Ccf.

Agency	Shortage Level 1		Shortage Level 2		Shortage Level 3		Shortage Level 4		Shortage Level 5		Shortage Level 6	
	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)
Rowland Water District	Up to 10%	Available imported water supplies are limited or restricted due to drought, regulatory restrictions, and/or the imposition of a water supply allocation by MWD or Three Valleys Municipal Water District to the extent that a reduction of less than 10 percent in consumer demand is required due to actual water shortages or to avoid financial penalties for taking water in excess of the allocation.	Up to 20%	Available imported water supplies are limited or restricted due to drought, regulatory restrictions, and/or the imposition of a water supply allocation by MWD or Three Valleys Municipal Water District to the extent that a 10 to 20 percent reduction in consumer demand is required due to actual water shortages or to avoid financial penalties for taking water in excess of the allocation.	Up to 30%	Available imported water supplies are limited or restricted due to drought, regulatory restrictions, and/or the imposition of a water supply allocation by MWD or Three Valleys Municipal Water District to the extent that a 30 to 40 percent reduction in consumer demand is required due to actual water shortages or to avoid financial penalties for taking water in excess of the allocation.	Up to 40%	Available imported water supplies are limited or restricted due to drought, regulatory restrictions, and/or the imposition of a water supply allocation by MWD or Three Valleys Municipal Water District to the extent that a 30 to 40 percent reduction in consumer demand is required due to actual water shortages or to avoid financial penalties for taking water in excess of the allocation.	Up to 50%	Available imported water supplies are limited or restricted due to drought, regulatory restrictions, and/or the imposition of a water supply allocation by MWD or Three Valleys Municipal Water District to the extent that a 40 to 50 percent reduction in consumer demand is required due to actual water shortages or to avoid financial penalties for taking water in excess of the allocation.	>50%	In the event that an immediate water supply shortage occurs due to the breakage or failure of a dam, pump, pipeline or conduit causing an immediate emergency, the General Manager shall declare the extent of the water supply shortage emergency and, after allocating and setting aside the amount of water necessary for domestic use, sanitation and fire protection, shall determine and implement the appropriate water supply shortage restrictions.
Suburban Water Systems	Up to 10%	Suburban Stage 1: Stage 1 shall be in effect at all times. Non- essential or prohibited water uses apply. Stage 1 comprises up to 10%.	Up to 20%	Suburban Stage 2: When Stage 1 becomes insufficient in complying with the necessary reduction. Stage 2 comprises up to 20%	Up to 30%	Suburban Stage 3: When Stage 2 becomes insufficient in complying with the necessary reduction. Stage 3 comprises up to 40%.	Up to 40%	Suburban Stage 3: When Stage 2 becomes insufficient in complying with the necessary reduction. Stage 3 comprises up to 40%.	Up to 50%	Suburban Stage 4: Emergency. When a critical water shortage emergency exists or that Stage 3 becomes insufficient in complying with the necessary reduction. Stage 4 comprises up to 50% or greater.	>50%	Suburban Stage 4: Emergency. When a critical water shortage emergency exists or that Stage 3 becomes insufficient in complying with the necessary reduction. Stage 4 comprises up to 50% or greater.

Agency	Shortage Level 1		Shortage Level 2		Shortage Level 3		Shortage Level 4		Shortage Level 5		Shortage Level 6	
	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)	Percent Shortage Range	Shortage Response Actions (Narrative description)
Walnut Valley Water District	Up to 10%	Watering or irrigating of lawn, landscape, or other vegetated area with potable water will be limited to a maximum number of days per week, to be determined by the District's Board of Directors, or as modified by the General Manager, based on the District's then existing water supply conditions. All leaks, breaks, or other malfunctions in the water user's plumbing or distribution system must be repaired within five days after written notification by the District unless other arrangements are made by the District.	Up to 20%	In addition to Shortage Level 1, re-filling of water constituting more than one foot of depth and initial filling of residential swimming pools or outdoor spas with potable water is prohibited.	Up to 30%	In addition to Shortage Level 2, filling or re-filling ornamental lakes or ponds is prohibited, except to the extent needed to sustain aquatic life, provided that such animals are of significant value and have been actively managed within the water feature prior to declaration of a supply shortage level under Ordinance No. 07-16-09.	Up to 40%	In addition to Shortage Level 3, watering or irrigating of lawn, landscape, or other vegetated area with potable water will be limited to a maximum of two days per week on a schedule established and posted by the District.	Up to 50%	In addition to Shortage Level 4, watering or irrigating of lawn, landscape, or other vegetated area with potable water is limited to a maximum of one day per week on a schedule established and posted by the District.	>50%	In addition to Shortage Level 5; Additional restrictions may be implemented as determined by the District, after notice to customers.
Three Valleys Municipal Water District	Up to 10%	Watering or irrigating of lawn, landscape or other vegetated area with potable water by a direct end user is limited to three days per week. All leaks, breaks, or other malfunctions in the direct end user's plumbing or distribution system must be repaired within seventy-two (72) hours of notification by the District unless other arrangements are made which will include a written plan to address the repairs.	Up to 20%	In addition to Shortage Level 1; Additional restrictions may be implemented as determined by the District, after notice to customers.	Up to 30%	In addition to Shortage Level 2; Additional restrictions may be implemented as determined by the District, after notice to customers.	Up to 40%	Watering or irrigating of lawn, landscape or other vegetated area with potable water by a direct end user is limited to two days per week. Filling or re-filling ornamental lakes or ponds by a direct end user is prohibited, except to the extent needed to sustain aquatic life, provided that such animals are of significant value and have been actively managed within the water feature prior to declaration of a supply shortage level	Up to 50%	In addition to Shortage Level 2; Additional restrictions may be implemented as determined by the District, after notice to customers.	>50%	In addition to Shortage Level 5; watering or irrigating of lawn, landscape or other vegetated area with potable water by a direct end user is prohibited. All leaks, breaks, or other malfunctions in the direct end user's plumbing or distribution system must be repaired within twenty four (24) hours of notification by the District unless other arrangements are made with the District which will include written plans that include a timeline of repairs.

6.1 Development of Agency Drought Response Actions

The drought response actions of each agency reflect their individual water supply portfolios and the related water shortage conditions. As a result, water shortage conditions and corresponding response actions may differ across the region during drought periods. To promote a DCP that is flexible and responsive to each of the agencies within the region, Three Valleys and its retail water agencies will rely on the drought response actions provided in each agency's WSCP should a water shortage occur. In parallel, Three Valleys tracks regional supply conditions and member agency declarations of shortage stages and coordinates unified drought messaging across the service area. While enforcement remains with each retail agency, Three Valleys provides coordination, and technical assistance to support compliance with mandatory restrictions and conservation measures.

Additionally, throughout July, Three Valleys and GEI held individual meetings with each member agency to review and confirm the response actions detailed in their WSCPs and to explore any additional actions they had incorporated. These meetings also allowed agencies lacking UWMP WSCPs to contribute insights into their response actions.

Through their respective WSCPs and the additional insights and references provided during these meetings, Three Valleys and its member agencies have categorized drought response actions into four main types:

1. Demand Reduction Actions: Strategies aimed at mitigating supply shortages, such as public education campaigns, outdoor water use restrictions, and changes in rate structures.
2. Supply Augmentation Actions: Strategies designed to increase available water supplies, including transfers, exchanges, or purchases of additional supplies.
3. Operational Changes: Short-term operational adjustments to address water shortages, such as enhanced monitoring of customer usage rates or operational changes related to demand reduction and supply augmentation.
4. Additional Mandatory Restrictions: Mandatory restrictions corresponding to various water shortage levels and are generally associated with enforcement actions and penalties, which may include limits on outdoor water use in terms of volume, timing, and location.

These response actions are crucial in managing water resources effectively during drought conditions, and ensuring sustainable water use across the region. Demand reduction and supply augmentation actions will help to enhance water availability, while operational changes and mandatory restrictions will further support conservation efforts. Each category is further discussed in the following sections.

Table 6-2 presents a comprehensive list of drought response actions used by each agency. Additional actions are undertaken based on each agency's individual circumstances during drought conditions. The following sections also discuss the most commonly included demand reduction actions identified in agency WSCPs.

Table 6-2. Summary of Agency WSCPs Drought Response Actions

		City of Covina	City of Glendora*	City of La Verne	City of Pomona*	GSWC Claremont	GSWC San Dimas	RWD*	SWS	WVWD*	Cal Poly Pomona**	Three Valleys
Demand Reduction Actions	CII - Commercial kitchens required to use pre-rinse spray valves			x	x							x
	CII - Lodging establishment must offer opt out of linen service	x	x		x			x	x	x		x
	CII - Other CII restriction or prohibition	x			x	x	x		x			
	CII - Restaurants may only serve water upon request	x	x	x		x	x	x	x	x		x
	Distribution of water-saving items such as efficient toilets and urinals		x	x								
	Implement or Modify Drought Rate Structure or Surcharge		x		x	x	x	x				
	Increase Frequency of Meter Reading				x							
	Landscape - Limit landscape irrigation to specific days	x	x	x	x	x	x	x	x	x	x	x
	Landscape - Limit landscape irrigation to specific times	x	x	x	x	x	x	x	x	x	x	x
	Landscape - Other landscape restriction or prohibition	x	x		x							
	Landscape - Prohibit all landscape irrigation	x			x			x			x	

		City of Covina	City of Glendora*	City of La Verne	City of Pomona*	GSWC Claremont	GSWC San Dimas	RWD*	SWS	WVWD*	Cal Poly Pomona**	Three Valleys
	Landscape - Prohibit certain types of landscape irrigation		x	x	x	x	x			x	x	
	Landscape - Restrict or prohibit runoff from landscape irrigation	x	x	x	x	x	x	x	x	x		x
	Landscape training for waterwise gardening		x	x	x			x		x		
	Moratorium or Net Zero Demand Increase on New Connections				x			x				
	No irrigation within 48 hours after measurable rainfall		x			x	x				x	
	Other - Prohibit use of potable water for construction and dust control			x		x	x	x	x			
	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	x	x	x	x	x	x	x	x	x	x	x
	Other - Prohibit use of potable water for washing hard surfaces	x	x	x	x	x	x		x	x	x	x
	Other - Prohibit vehicle washing except at facilities using recycled or recirculating water	x		x	x			x	x	x		x
	Other - Require automatic shut-off hoses		x			x	x	x	x			x

		City of Covina	City of Glendora*	City of La Verne	City of Pomona*	GSWC Claremont	GSWC San Dimas	RWD*	SWS	WVWD*	Cal Poly Pomona**	Three Valleys
	Other water feature or swimming pool restriction	x		x	x			x		x		x
	Public education and outreach campaigns		x	x	x			x			x	x
	Water Features - Restrict water use for decorative water features, such as fountains	x	x	x	x	x	x	x	x	x		x
	Watering and other outdoor use restrictions		x	x	x							
	Other	x		x	x	x	x	x	x	x	x	x
Supply Augmentation Actions	Transfers	x	x		x	x	x	x		x		x
	Other			x								
Operational Changes		x	x	x	x	x	x	x	x			x
Additional Mandatory Restrictions					x					x		

Notes:

GSWC: Golden State Water District RWD: Rowland Water District WVWD: Walnut Valley Water District SWS: Suburban Water Systems

***** Provided additional response actions during one-on-one agency meetings, along with supplementary references such as the Water Shortage Ordinances.

******Does not have a UWMP WSCP but provided their WSCP prepared in March 2024, outlining demand reduction actions for their shortage stage level

6.2 Demand Reduction Actions

The most common demand reduction actions are shown in Figure 6-1. Three Valleys and its member agencies, listed in Table 6-2, have all specified limitations on landscape irrigation to specific days and specific times, and they require customers to promptly repair leaks, breaks, and malfunctions in a timely manner. The timing of these restrictions varies among agencies.

Additionally, 91 percent of these agencies prohibit the use of potable water for washing hard surfaces, restrict water use for decorative features like fountains, and prohibit runoff from landscape irrigation. Furthermore, 82 percent of agencies require restaurants to serve water only upon request. Sixty-four percent enforce additional measures, such as requiring lodging establishments to offer an opt-out option for linen service, prohibiting certain types of landscape irrigation, and restricting vehicle washing except at facilities using recycled or recirculated water.

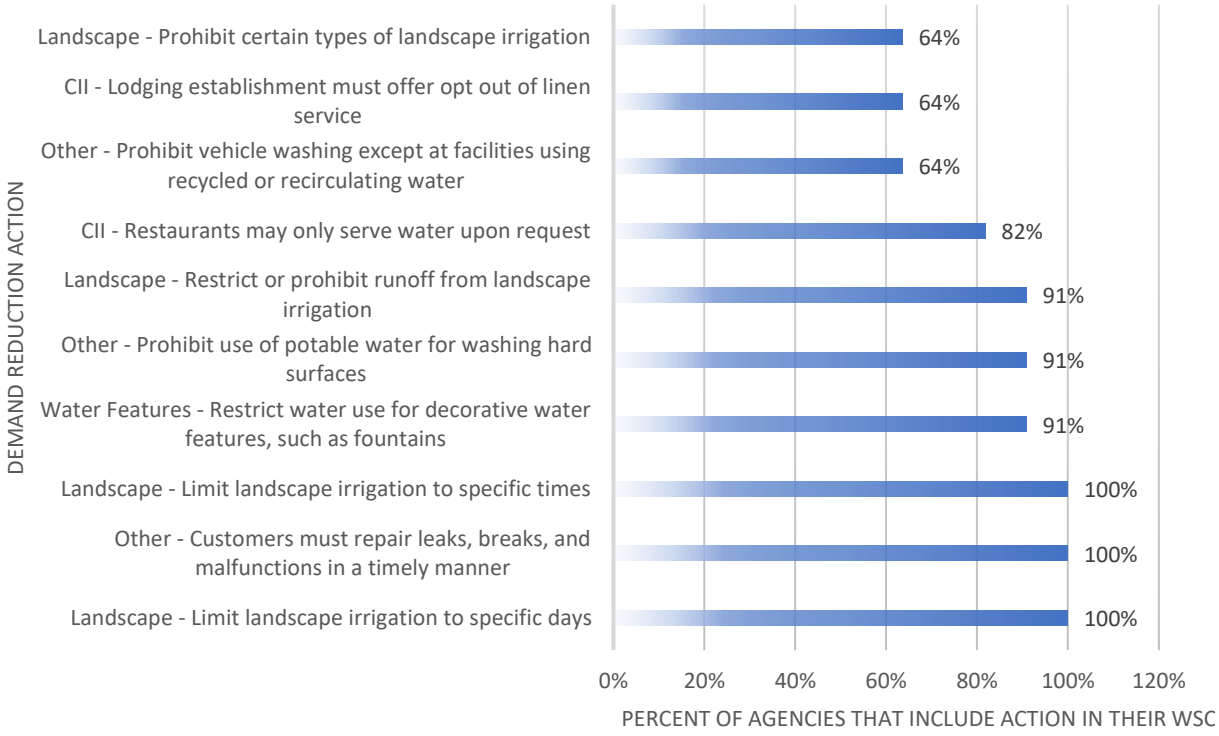


Figure 6-1. Most Commonly Included Demand Reduction Actions in Agency WSCPs

The quantitative estimates of how these demand reduction actions could reduce the shortage gap, based on the agencies water demands prior to 2015 (unconstrained demands), vary by agency and water shortage level; however, for those agencies that provide such estimates in their WSCPs, Table 6-3 illustrates these variations.

Table 6-3. Quantitative Estimates of Demand Reduction Volumes by Agency

		Shortage Level 1 (Up to 10%)	Shortage Level 2 (Up to 20%)	Shortage Level 3 (Up to 30%)	Shortage Level 4 (Up to 40%)	Shortage Level 5 (Up to 50%)	Shortage Level 6 (Up to >50%)
Demand Reduction Volume (AF)	City of Covina	527	1,055	1,582	2,110	2,637	>2,637
	City of Glendora	1,323	2,646	3,968	5,291	6,614	>6,614
	City of La Verne*	N/A	N/A	N/A	N/A	N/A	N/A
	City of Pomona	1,814	3,627	5,441	7,254	9,068	>9,068
	GSWC Claremont	1,163	2,327	3,490	4,654	5,817	>5,817
	GSWC San Dimas	984	1,968	2,952	3,936	4,920	>4,920
	Rowland Water District	797	1,595	2,392	3,190	3,987	>3,987
	Suburban Water Systems*	N/A	N/A	N/A	N/A	N/A	N/A
	Walnut Valley Water District	2,041	4,082	6,124	8,165	10,206	>10,206
	Three Valleys	5,240	10,479	15,719	20,959	26,198	>26,198
Total		13,889	27,779	41,668	55,559	69,447	>69,447

*Do not provided estimate of AF reduction in their WSCP.

6.3 Supply Augmentation Actions

About 90 percent of agencies, including Three Valleys and its member agencies classified as urban water suppliers, have outlined specific supply augmentation actions in their WSCPs, such as transfers and other methods. None of the agencies plan to add new sources of water supply in the event existing sources of supply are not sufficient to meet customer demands; instead, these actions focus on increasing supplies from existing sources:

- *City of Covina* – City of Covina will consider increased purchases from Covina Irrigating Company using existing facilities to address customer demands. However, Covina plans to implement demand reduction measures in the event water supplies from existing sources are not sufficient to meet anticipated demands.

- *City of Glendora* – City of Glendora will consider increased production from the Main Basin to address customer demands. However, Glendora plans to implement demand reduction measures in the event water supplies from existing sources are not sufficient to meet these demands.
- City of Pomona – City of Pomona will consider increased production from the Six Basins and the Chino Basin to address customer demands. However, Pomona plans to implement demand reduction measures in the event water supplies from existing sources are not sufficient to meet anticipated demands.
- *GSWC Claremont* – GSWC Claremont will consider increased production from the Six Basins and the Chino Basin to address customer demands. However, GSWC Claremont plans to implement demand reduction measures in the event water supplies from existing sources are not sufficient to meet anticipated demands.
- *GSWC San Dimas* – GSWC San Dimas will consider increased production from the Main Basin to address customer demands. However, GSWC San Dimas plans to implement demand reduction measures in the event water supplies from existing sources are not sufficient to meet anticipated demands.
- *Rowland Water District (RWD)* – RWD will consider increased production from the Main Basin, Central Basin, and Puente Basin to address customer demands. However, RWD plans to implement demand reduction measures in the event water supplies from existing sources are not sufficient to meet anticipated demands.
- *Walnut Valley Water District (WVWD)* – WVWD will consider increased purchased water from the Main Basin, through California Domestic Water Company, to address customer demands. However, WVWD plans to implement demand reduction measures in the event water supplies from existing sources are not sufficient to meet anticipated demands.
- *City of La Verne* – City of La Verne's water system is equipped to handle both single and multiple dry years. In case of increased water demand, La Verne can manage short-term shutdowns of up to 3 days and likely up to 7 days through enhanced conservation efforts and customer communication. The city has established connections with adjacent water agencies for additional supply and maintains access to MWD import water through a city-owned emergency supply pump station. La Verne also keeps a contact list of nearby water bottlers as potential alternative water sources.
- *Suburban Water Systems (SWS)* – SWS did not identify any supply augmentation actions.
- *Three Valleys* – Three Valleys does not anticipate augmenting water supplies. However, Three Valleys' member agencies will consider increased production from the Main Basin, Chino Basin, and/or Six Basins (through potential transfer of water rights) using existing facilities to address customer demands.

6.4 Operational Changes

Many of the demand reduction actions specified in the agencies WSCPs qualify as operational changes. With the exception of SWS, all of Three Valleys' member agencies, classified as urban water

suppliers, identified stand-alone operational changes outside of the demand reduction actions that may be further used to reduce the gap between demand and available supplies.

Three Valleys, City of Covina, City of Glendora, City of Pomona, GSWC Claremont, GSWC San Dimas, RWD, and WVWD have all identified several operational changes, including:

- Improved monitoring, analysis, and tracking of customer water usage to enforce demand reduction measures.
- Optimization of production from existing available water supply sources.
- Potential use of emergency supply sources, including emergency interconnections.
- Potential blending of water supply resources.
- Improved monitoring, maintenance, and repairs to reduce water distribution system losses.

Additionally, the City of La Verne plans to implement improved monitoring and tracking of water usage rates for customers.

6.5 Additional Mandatory Restrictions

As part of their WSCP, the City of La Verne and SWS have all identified a series of restrictions to be implemented at various water shortage levels. The remaining retail member agencies have indicated there are currently no additional mandatory restrictions planned.

The City of La Verne's additional restrictions primarily focus on:

- Prohibited Uses of Water
- Water Consumption Reduction
- Water Conservation
- Construction Water Usage
- Cooling System Restrictions
- Landscape Watering Hours
- Strict Landscape Watering Regulations
- New Swimming Pool Permits
- Outdoor Irrigation Prohibitions
- New Water Service Connections

For SWS, the additional restrictions include:

- Expanding Public Information Campaigns
- Offering Water Use Surveys
- Providing Rebates on Plumbing Fixtures and Devices
- Providing Rebates for Landscape Irrigation Efficiency

6.6 Agency Drought Response Actions Summary

The most common drought response actions included in the WSCPs for the region are shown below in Figure 6-2. This data excludes drought response actions categorized under the 'other' category, as it includes a wide variety of measures.

The most prevalent drought response actions across all agency WSCPs involve limiting landscape irrigation to specific times and days, and requiring customers to promptly repair leaks, breaks, and malfunctions in a timely manner. Prohibiting the use of potable water for washing hard surfaces, restricting water use for decorative features like fountains, and prohibiting runoff from landscape irrigation are also significant, appearing in 91 percent of agency WSCPs. Additionally, common measures featured in 82 percent of agency WSCPs are operational changes and requiring restaurants to serve water only upon request. Seventy-three percent also consider implementing water transfers.

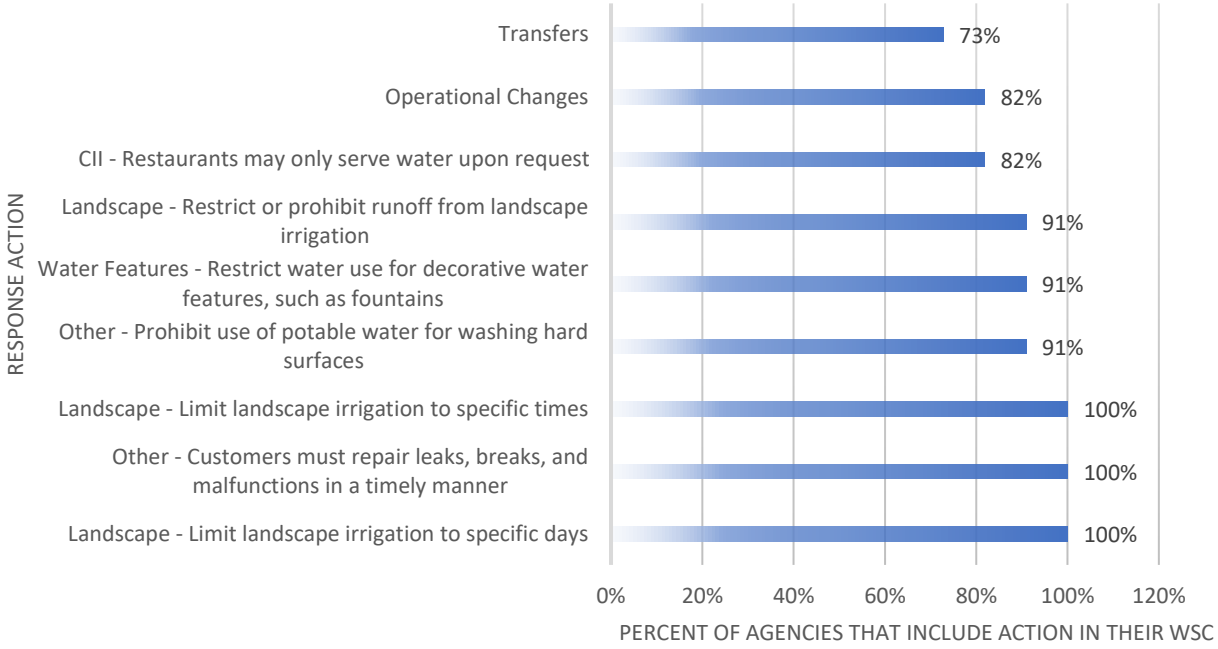


Figure 6-2. Most Commonly Included Drought Response Actions in Agency WSCPs

The drought response actions included in the fewest WSCPs for the region are shown below in Figure 6-3. The following drought response actions are only implemented by 9 percent of agencies:

- Increasing frequency of meter reading
- Other (Supply Augmentation Action)

The following drought response actions are only implemented by 18 percent of agencies:

- Distribution of water-saving items such as efficient toilets and urinals
- Moratorium or Net Zero Demand Increase on New Connections
- Additional Mandatory Restrictions

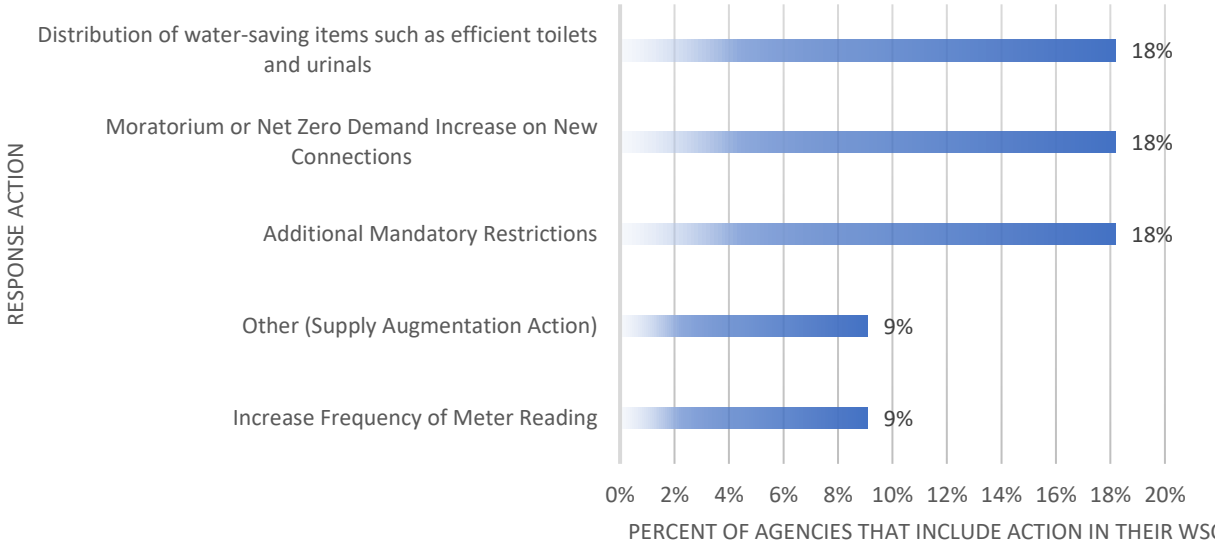


Figure 6-3. Least Commonly Included Drought Response Actions in Agency WSCPs

As previously stated, Three Valleys and its member agencies that are considered urban water suppliers will rely on the drought response actions provided in each agency's WSCP to promote a DCP that is flexible and responsive to each of the agencies.

When a shortage level is in place, a resolution adopted by the Board of Directors directs the entire service area to comply with mandatory restrictions and conservation measures. In some cases, these measures may be more prescriptive when warranted by drought conditions. Under these resolutions, customers are assigned a water use allocation, and if that allocation is exceeded, additional charges or penalties may apply. Three Valleys supports agencies throughout this process by providing resources and assistance to help implement and enforce drought response actions. While Three Valleys does not perform enforcement activities or take action on behalf of individual agencies, it plays a key support role. If an agency has limited capacity to implement or enforce its drought measures, Three Valleys may assist by offering funding, coordination, and technical support to strengthen agency efforts. In this way, Three Valleys serves as a regional resource that helps agencies carry out their responsibilities while maintaining a unified and effective regional drought response.

This is facilitated through:

- A review of each agency's Annual Assessment which incorporates planned response actions for the next fiscal year and timing of the accompanying response actions.
- The planned member agency meetings included as part of Three Valleys' Drought Monitoring Framework which will provide the opportunity to discuss response actions being planned by each of the agencies along with potential implementation challenges.
- Discuss response action prioritization, protocols and procedures, and implementation coordination.
- Communication of shortage stages.

6.7 Potential Enhancement of Drought Response Actions

The DCP will incorporate the potential drought response actions identified by each agency as part of their WSCP. However, the development of the DCP provided an opportunity to discuss their potential implementation and how Three Valleys and its member agencies can more effectively respond to drought at a regional level.

At a high level, Three Valleys, its member agencies, and other interested organizations can enhance their drought response actions by focusing on three main categories:

1. Physical changes: This category includes the installation or use of new equipment and infrastructure aimed at expanding water conservation efforts and enhancing interagency collaboration. Potential actions could include low-flow fixtures, smart irrigation systems, and developing interconnections with neighboring agencies for shared water resources.
2. Behavioral changes: This category focuses on voluntary actions taken by end-users that contribute to overall water conservation. This may include reducing landscape irrigation times and participating in community education programs that advocate water-saving practices.
3. Mandated changes: This category involves enforced actions to reduce water use. Possible measures could include mandated landscape watering days and restrictions on the use of potable water for non-essential purposes, both enforced by fines.

During Workshop 5 held in December 2024, these categories were presented, and the following question was discussed among the Drought Task Force:

- *Of these types of actions, which have been most effective during previous droughts, and which have been the most difficult to implement, and why?*

The poll results indicate that a combination of physical, behavioral, and mandated actions is considered the most effective strategies for managing droughts. Among the responses, behavioral changes were frequently highlighted as the most effective response, particularly when driven by education, outreach, and community engagement. Many participants emphasized that these changes are most successful when paired with mandated actions, such as water use restrictions and unified messaging. Physical actions, such as the use of smart meters, tiered rates, and changes to irrigation systems, were also indicated as tools for managing water consumption. Participants noted that smart meters, for example, help customers track their usage and adjust their behaviors accordingly, especially in conjunction with mandatory reductions. Some respondents also expressed that a combination of these actions yields the most effective results.

However, the discussion also revealed that behavioral actions are generally the most difficult to implement, with many respondents noting that people are often resistant to change. Several mentioned that individuals simply find it challenging to adopt new habits, particularly when it comes to changing water usage patterns or adjusting long-standing practices such as landscape irrigation. When it comes to physical changes, respondents highlighted challenges related to funding availability. Yet, despite efforts to offer such changes, many people have not taken full advantage of the

opportunities available. Mandated actions also face significant resistance, particularly when it comes to gaining public buy-in. Respondents noted that mandates can be difficult to enforce or receive acceptance if the community does not fully understand the importance or reasons behind them. Finding agreement among the stakeholders about what can be implemented is also a challenge, especially when it comes to determining what mandates are both feasible and effective. In summary, the main challenges of the three action types stem from public resistance, lack of understanding, and resource constraints.

Table 6-4 below shows a compiled summary of the key points raised under each action type by the member agencies.

Table 6-4. Summary of Effective and Challenging Actions from Workshop 5

Action Type	Most Effective Actions	Most Difficult to Implement
Behavioral	Behavioral changes through education, community outreach, and open communication.	Some people are not easily swayed or are set in their ways.
	Engagement is focused on changed behavior and shaping future decisions.	Behavioral change is tough for many.
	Behavioral changes have been most effective through education and outreach.	People tend to stick with what they know; learning and accepting new trends can be tough.
	Behavioral changes based on mandates, along with physical actions, contribute to effective drought management.	Getting the public involved in conserving is challenging.
Physical	Smart meter usage helps customers understand their water usage and tailor it accordingly.	Physical changes are difficult because of funding availability.
	Physical actions show the best way to take action on droughts over the years.	Many people have not taken advantage of available physical changes.
	Conservation, tiered rates, and landscaping irrigation changes are effective.	
Mandated	Mandated reductions in water use and unified messaging are key for ensuring compliance.	Mandated actions are difficult to get public buy-in.
	Mandated actions help the city put restrictions on paper for the public to adhere to.	Educating the public on the reasons behind mandates is challenging.
	Mandated actions are crucial for formalizing behavior changes.	Finding agreement among stakeholders on what can be done has been difficult.

6.8 Recommendations

The key takeaways highlighted in Section 6.7 are generally consistent with the drought response actions identified in individual agency WSCPs. This DCP has been developed to promote the flexibility

needed for Three Valleys and its member agencies to implement response actions based on local conditions and, along with the takeaways summarized in Table 6-4, could provide a framework for:

- Guiding the development of new response actions during subsequent updates of agency WSCPs
- Coordinating regional response actions in collaboration with the Drought Task Force

6.9 Demand Management Measures

Three Valleys will also continue to implement demand management measures in order to reduce demand and encourage conservation.

6.9.1 Public Education and Outreach

Three Valleys supports and partners with MWD during mass media campaigns to benefit from MWD's extensive regional reach. Three Valleys typically conducts over 15 tours annually at the Miramar Water Treatment Plant for grades 3 through college. Presentations are given to educate visitors regarding water treatment plant operations and the true significance of clean safe water. In addition, information regarding the history, administration procedures, and importance of Three Valleys and water conservation is provided throughout the tour.

Three Valleys staff generate advertisements and articles each year to run in local newspapers to educate the public on conservation, water protection and water supply sources. Three Valleys hosts three Leadership Breakfasts a year to educate local officials, elected officials and the general public regarding the importance to California water. These breakfasts feature dynamic water industry leaders and discussions of regional topics related to the water industry.

Three Valleys is an active member of the Water Education – Water Awareness Committee (WEWAC), a regional coalition of agencies that funds and supports classroom water education programs. Through WEWAC, Three Valleys helps sponsor school grants, student art and media contests, and scholarships for local high school seniors, all promoting water efficiency and stewardship.

To further expand outreach, Three Valleys maintains dedicated online conservation resources, including drought dashboards, conservation webpages, and social media campaigns. These platforms help reinforce MWD messaging while providing localized and timely updates on water supply conditions.

Three Valleys hosts and administers at least three MWD tours including the State Water Project, Colorado River Aqueduct, Diamond Valley Lake, or the Edmonston Pumping Plant. Three Valleys also hosts at least one local event to showcase its local facilities and the improvements made throughout the year and proposed capital projects and the importance to local supplies.

6.9.2 Regional Rebates

In addition to the DMMs discussed above, Three Valleys participates in MWD's regional rebate program, the SoCal Water$mart Program, which is available to Three Valleys' residential and commercial customers. There are rebates available for indoor plumbing including high-efficiency

clothes washers and toilets. Rebates are also available for outdoor plumbing include those for weather-based irrigation controllers, rotating sprinkler nozzles, and replacement of irrigated lawn with drought tolerant plants or other approved landscape options. Three Valleys plans to continue implementation of these programs to promote water conservation.

6.9.3 Asset Management

Three Valleys is developing an asset management program for its major infrastructure including its distribution system. The plan includes conducting regular distribution system maintenance and/or inspection and making improvements to and/or repairs/replacement of assets as needed. Three Valleys respond to repairs as needed. Three Valleys may implement GIS mapping with a structured improvement and repair program. Three Valleys also prepares an annual Capital Improvement Plan report which identifies the five-year capital improvement projects and costs (including maintenance and improvement projects) necessary to operate Three Valleys' facilities.

All of Three Valleys' connections with its member agencies are fully metered to accurately track water sales (demands). Three Valleys performs regular calibration/testing and replacement/repairs of its meters to ensure meter accuracy and to prevent "real losses" in the wholesale system.

6.9.4 Wholesale Supplier Assistance Program

Three Valleys conducts public education and outreach efforts to assist and support its member agencies, including partnering with MWD on mass media campaigns promoting water conservation, school education programs, informational booths at public events, newsletters, informative websites, online tools, press releases, and newspaper articles.

Three Valleys employs two staff members that are responsible for public outreach and coordination with Three Valleys' member agencies, MWD, local schools, and the public to encourage conservation and promote/support public awareness and participation. Three Valleys provides funding in its annual budget to support these activities. Three Valleys assists its member agencies at public outreach events by hosting or co-hosting educational booths at events including Earth Days and school functions.

As a wholesaler, Three Valleys participates in assistance programs to its retail member agencies including the conservation programs identified in the sections above. Three Valley's actively helps its retail member agencies identify, apply for, and secure state and federal grant funding (e.g., WaterSMART grants) for local water efficiency, turf removal, and leak detection projects. Three Valleys utilizes allocated funds from MWD to assist the member agencies in promoting conservation programs, water saving devices, rebate programs, educational forums, and other efforts to reduce water demand. Three Valleys provides financial incentives for water conservation through retrofit and rebate programs that replace high water-use fixtures with efficient water-use fixtures. Three Valleys also provides support through available staff assigned to direct conservation measures.

7 Operational and Administrative Framework

The operational and administrative framework identifies the roles, responsibilities, and related procedures necessary to implement the primary elements of the DCP:

1. Conduct drought monitoring – as described in Chapter 3
2. Coordinate response actions in connection with each agency's WSCP – as described in Chapter 6
3. Coordinate mitigation actions in connection with each agencies local planning and Three Valleys regional planning – as described in Chapter 4.7

Updating the DCP is also part of the operational and administrative framework.

This chapter provides a summary of the responsibilities associated with the primary elements of the DCP and the roles that will carry forward with these responsibilities. Additionally, it includes a discussion of the DCP update process, which includes monitoring, evaluating, and updating the plan.

7.1 Roles and Responsibilities

Three Valleys, its member agencies, and the Drought Task Force all retain responsibilities associated with the key elements of this plan.

Three Valleys: Three Valleys is responsible for estimating regional demand and supply projections, identifying infrastructure constraints that may impact supply delivery, comparing supply and demand estimates considering any infrastructure constraints and determining which Three Valleys shortage response stage and actions are recommended, carrying out strategic communication of response actions (as needed), participating in and assembling the Drought Task Force, coordinating mitigation actions as part of ongoing planning efforts, and updating the DCP. These responsibilities are generally carried out through the following roles:

a) Three Valleys General Manager
b) Three Valleys Chief Water Resources Officer
c) Three Valleys Senior Engineer
d) Three Valleys Chief Administrative Officer
e) Three Valleys Water Resources Analyst/Communication Assistant

Table 7-1 provides the level of responsibility for each of these roles relative to the primary tasks described above.

Table 7-1. Level of Responsibility for the Key Roles at Three Valleys Relative to the Primary DCP Responsibilities

	Three Valleys General Manager	Three Valleys Chief Water Resources Officer	Three Valleys Senior Engineer	Three Valleys Chief Administrative Officer	Three Valleys Water Resources Analyst/ Communication Assistant
Demand projections	I	A	R	I	R
Supply projections	I	A	R	I	R
Identify infrastructure constraints	I	A	R	I	I
Strategic communication of response actions	A	C	I	R	R
Assembly of the Drought Task Force	I	A	I	C	R
Coordinate mitigation actions as part of ongoing planning efforts	A	R	C	I	I
Update the DCP	C	A	I	I	R

R	Responsible	Assigned to complete the task
A	Accountable	Has final decision-making authority and accountability for completion
C	Consulted	An advisor or subject matter expert who is consulted before a decision or action
I	Informed	Updated on decisions or actions

Three Valleys Member Agencies: Three Valleys member agencies are responsible for providing demand and supply projections to Three Valleys for their respective service areas, participation in the Drought Task Force, initiating strategic communication of response actions, and implementing mitigation actions as part of ongoing planning efforts.

Drought Task Force: The Drought Task Force is responsible for collectively evaluating regional conditions, identifying, and planning for response actions, seeking approval for said response actions through appropriate Board approval (as needed), and communicating with customers once response actions have been initiated.

7.2 Drought Response Task Force and Unified Response Framework

Three Valleys' Drought Response Task Force functions as a unified regional response framework that allows member agencies to opt into coordinated actions based on the severity of drought conditions affecting their individual systems. This approach streamlines communication and regional decision-making while maintaining flexibility for agencies to implement actions consistent with their own WSCPs.

The Drought Task Force is comprised of 27 organizations and currently there is a roster of 73 members spanning various stakeholder segments within the region. As part of the Drought

Monitoring Framework, regional coordination is facilitated through regular monthly meetings between Three Valleys and its member agencies. These meetings are used to review and analyze water availability data and Annual Assessments, as well as to make decisions regarding the declaration of water supply shortages, the implementation of water restrictions, and the pursuit of additional supplies. As outlined in the DMF, during the implementation phase of this DCP, Three Valleys will increase the frequency of meetings with any member agency or agencies that are in Stage 5 or above, holding these meetings at least twice monthly.

Additionally, the Drought Task Force may be convened based on a declaration from the state, Metropolitan, or if any member agency raises concerns about their supplies or infrastructure. Three Valleys can conduct an annual check-in meeting with the Drought Task Force during one of the regular Member Agency Meetings.

Once the Drought Task Force is convened, the group will meet to:

1. Evaluate regional conditions and identify which agencies/organizations are experiencing water shortage conditions
2. Discuss the need for a coordinated response and identify potential response actions

Drought Task Force members may experience shortages and impacts of drought at varying times and degrees of severity due to nuances in supply and demand portfolios. It is important to enable and support each agency as they enact shortage levels and response actions that are relevant and actionable in their service area. As a result, agencies are provided the flexibility to decide the degree to which they wish to participate, whether response actions are warranted consistent with their individual WSCPs, and communication protocols.

Once the Drought Task Force has met and identified potential response actions, Three Valleys and its member agencies will individually plan for implementation of said response actions, which includes Board approval and strategic communication to customers as to what will be required and how to achieve the intended results.

7.3 Drought Contingency Plan Update

The DCP is a living document that is intended to be evaluated on an ongoing basis and subsequently updated as needed. Three Valleys will regularly review the DCP and make adjustments accordingly. This includes a post-drought evaluation to assess the effectiveness of the DCP after its implementation. This evaluation could include an analysis of the climatic and environmental aspects of the drought; its economic and social consequences; the extent to which pre-drought planning was useful in mitigating the impacts, in facilitating relief or assistance to stricken areas, and in post-recovery; and any other weaknesses or problems caused by or not covered by the DCP. Three Valleys will also update the DCP consistent with the five-year UWMP report cycle to incorporate any significant changes to WSCPs, demand and supply projections, and additional mitigation actions.

7.4 Operational and Administrative Framework Summary

Table 7-2 summarizes the roles, responsibilities, and procedures associated with the operation and administration of the DCP.

Table 7-2. Operational and Administrative Framework Summary

DCP Element	Roles	Responsibilities	Procedures
Conduct Drought Monitoring	Three Valleys Member Agencies	Evaluate water supply reliability as part of the Annual Assessment	Compare supplies and demands. Determine which shortage response stage is recommended. Provide demand estimates to Three Valleys annually.
	Three Valleys	Develop annual supply and demand projections	Estimate unconstrained demands and available supplies for the coming year.
	Three Valleys	Identify infrastructure constraints	Identify any known MWD or Three Valleys infrastructure issues that may pertain to near-term water supply reliability.
	Three Valleys	Convene member agencies to conduct Wholesale Annual Assessment	Compare supplies and demands and discuss any infrastructure constraints that may impact supply delivery. Determine which Three Valleys shortage response stage is recommended.
	Three Valleys	Initiate Drought Task Force	Initiate the Drought Task Force based on a declaration from the state, Metropolitan, or if any member agency raises concerns about their supplies or infrastructure.
Coordinate Response Actions	Three Valleys Three Valleys Member Agencies	Identify response actions	Based on the water shortage response stage identified during the Annual Assessment, determine which response actions are recommended.
	Drought Task Force	Evaluate regional conditions	Identify which agencies are experiencing water shortage conditions once the Drought Task Force has been initiated. Discuss the need for a regional response.
	Three Valleys Three Valleys Member Agencies	Plan for response actions	Develop scope, schedule, and budget for implementation of response actions.
	Three Valleys Three Valleys Member Agencies	Approval and implementation of response actions	By Three Valleys Board and member agency Boards as needed.
	Three Valleys Three Valleys Member Agencies Drought Task Force	Communicate response actions	Communicate with customers as to what will be required and how to achieve the required results.
Coordinate Mitigation Actions	Three Valleys Three Valleys Member Agencies	Ongoing evaluation and prioritization of mitigation actions	Continuation of regional planning efforts.

DCP Element	Roles	Responsibilities	Procedures
	Three Valleys Three Valleys Member Agencies	Identify opportunities for funding and potential cost-sharing	Pursue funding opportunities, initiate agreements for cost-sharing.
	Three Valleys Three Valleys Member Agencies	Coordination of mitigation actions	As needed, initiate design, environmental documentation, permitting, and construction.
Update DCP	Three Valleys	DCP evaluation	Conduct a post-drought evaluation.
	Three Valleys Three Valleys Member Agencies	DCP update(s)	Comprehensive review of DCP and updates to the framework as needed.

8 References

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University of Washington Computational Hydrology Group, 2016. VIC Model Overview.

9 Appendices

9.1 Appendix A

Adoption Resolution

9.2 Appendix B

Detailed Projected Changes in Rainfall, Outdoor Demand, San Gabriel River Flow Under All Scenarios

Table B1: Projected Changes in Rainfall Under Drier with Extreme Warming Scenario

YearType	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Normal	YR2025	100.8%	99.9%	100.6%	101.6%	97.4%	98.9%	100.1%	102.5%	100.1%	97.0%	97.8%	99.7%
Normal	YR2030	101.6%	99.7%	101.1%	103.1%	94.8%	97.9%	100.3%	105.0%	100.3%	94.1%	95.6%	99.4%
Normal	YR2035	97.9%	101.2%	98.2%	97.1%	90.2%	96.3%	99.9%	102.2%	103.8%	90.8%	88.1%	107.8%
Normal	YR2040	94.2%	102.7%	95.3%	91.0%	85.5%	94.7%	99.5%	99.3%	107.2%	87.5%	80.6%	116.2%
Normal	YR2045	90.5%	104.2%	92.4%	84.9%	80.9%	93.2%	99.2%	96.5%	110.7%	84.2%	73.1%	124.5%
Dry_1Yr	YR2025	101.1%	99.1%	101.8%	103.8%	98.3%	100.0%	100.0%	101.3%	100.0%	97.4%	96.7%	98.9%
Dry_1Yr	YR2030	102.2%	98.2%	103.6%	107.6%	96.6%	100.0%	100.0%	102.7%	100.0%	94.8%	93.3%	97.9%
Dry_1Yr	YR2035	100.2%	102.5%	100.2%	104.4%	95.5%	98.9%	100.0%	90.7%	100.0%	92.4%	84.0%	97.5%
Dry_1Yr	YR2040	98.1%	106.8%	96.8%	101.2%	94.4%	97.8%	100.0%	78.6%	100.0%	90.0%	74.7%	97.1%
Dry_1Yr	YR2045	96.1%	111.1%	93.4%	97.9%	93.3%	96.6%	100.0%	66.6%	100.0%	87.6%	65.3%	96.7%
Dry_5Yr	YR2025	101.1%	100.0%	100.6%	102.3%	97.0%	99.9%	99.4%	104.7%	100.3%	98.6%	98.1%	101.3%
Dry_5Yr	YR2030	102.2%	100.0%	101.1%	104.5%	94.1%	99.7%	98.9%	109.4%	100.6%	97.2%	96.3%	102.7%
Dry_5Yr	YR2035	97.2%	98.6%	97.8%	98.7%	91.2%	99.0%	98.3%	105.5%	105.2%	94.7%	89.7%	129.2%
Dry_5Yr	YR2040	92.2%	97.3%	94.5%	92.8%	88.4%	98.2%	97.8%	101.6%	109.9%	92.2%	83.1%	155.6%
Dry_5Yr	YR2045	87.3%	95.9%	91.3%	86.9%	85.5%	97.4%	97.3%	97.6%	114.6%	89.6%	76.6%	182.1%
Wet_1Yr	YR2025	102.3%	99.3%	102.2%	99.9%	96.9%	97.2%	99.7%	100.0%	100.0%	100.0%	95.7%	100.0%
Wet_1Yr	YR2030	104.5%	98.5%	104.4%	99.7%	93.8%	94.4%	99.4%	100.0%	100.0%	100.0%	91.4%	100.0%
Wet_1Yr	YR2035	98.5%	99.4%	98.0%	92.5%	85.9%	85.1%	99.8%	100.0%	100.0%	100.0%	82.2%	100.0%
Wet_1Yr	YR2040	92.4%	100.3%	91.6%	85.4%	78.1%	75.7%	100.2%	100.0%	100.0%	100.0%	73.0%	100.0%
Wet_1Yr	YR2045	86.3%	101.2%	85.3%	78.2%	70.3%	66.3%	100.6%	100.0%	100.0%	100.0%	63.9%	100.0%
Wet_5Yr	YR2025	101.2%	99.4%	99.9%	101.3%	98.5%	97.2%	100.6%	100.1%	99.4%	98.8%	97.2%	98.9%
Wet_5Yr	YR2030	102.4%	98.9%	99.7%	102.7%	96.9%	94.4%	101.1%	100.3%	98.9%	97.6%	94.4%	97.9%
Wet_5Yr	YR2035	100.4%	100.4%	98.3%	96.3%	94.0%	89.9%	100.9%	100.2%	102.2%	96.3%	85.8%	100.8%
Wet_5Yr	YR2040	98.4%	101.9%	96.9%	89.8%	91.0%	85.4%	100.6%	100.0%	105.5%	94.9%	77.1%	103.7%
Wet_5Yr	YR2045	96.4%	103.5%	95.6%	83.4%	88.0%	80.8%	100.4%	99.9%	108.9%	93.6%	68.4%	106.6%

Table B2: Projected Changes in Rainfall Under Median Scenario

YearType	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Normal	YR2025	100.8%	99.9%	100.6%	101.6%	97.4%	98.9%	100.1%	102.5%	100.1%	97.0%	97.8%	99.7%
Normal	YR2030	101.6%	99.7%	101.1%	103.1%	94.8%	97.9%	100.3%	105.0%	100.3%	94.1%	95.6%	99.4%
Normal	YR2035	102.4%	100.0%	100.6%	99.8%	92.9%	96.6%	101.6%	104.7%	102.1%	92.4%	92.8%	98.5%
Normal	YR2040	103.1%	100.2%	100.1%	96.5%	90.9%	95.3%	103.0%	104.3%	104.0%	90.7%	90.0%	97.6%
Normal	YR2045	103.8%	100.5%	99.7%	93.1%	88.9%	93.9%	104.4%	104.0%	105.9%	88.9%	87.2%	96.8%
Dry_1Yr	YR2025	101.1%	99.1%	101.8%	103.8%	98.3%	100.0%	100.0%	101.3%	100.0%	97.4%	96.7%	98.9%
Dry_1Yr	YR2030	102.2%	98.2%	103.6%	107.6%	96.6%	100.0%	100.0%	102.7%	100.0%	94.8%	93.3%	97.9%
Dry_1Yr	YR2035	103.5%	97.6%	103.4%	105.2%	97.1%	96.4%	100.0%	100.3%	100.0%	93.7%	89.2%	96.6%
Dry_1Yr	YR2040	104.8%	96.9%	103.2%	102.8%	97.7%	92.7%	100.0%	98.0%	100.0%	92.6%	85.2%	95.3%
Dry_1Yr	YR2045	106.1%	96.3%	103.0%	100.3%	98.2%	89.1%	100.0%	95.7%	100.0%	91.5%	81.1%	93.9%
Dry_5Yr	YR2025	101.1%	100.0%	100.6%	102.3%	97.0%	99.9%	99.4%	104.7%	100.3%	98.6%	98.1%	101.3%
Dry_5Yr	YR2030	102.2%	100.0%	101.1%	104.5%	94.1%	99.7%	98.9%	109.4%	100.6%	97.2%	96.3%	102.7%
Dry_5Yr	YR2035	103.8%	100.1%	100.7%	100.0%	92.5%	98.2%	100.4%	110.2%	102.8%	96.2%	92.4%	100.5%
Dry_5Yr	YR2040	105.5%	100.2%	100.4%	95.5%	90.9%	96.7%	101.9%	110.9%	105.0%	95.1%	88.6%	98.2%
Dry_5Yr	YR2045	107.1%	100.4%	100.0%	90.9%	89.4%	95.2%	103.5%	111.7%	107.2%	94.0%	84.8%	96.0%
Wet_1Yr	YR2025	102.3%	99.3%	102.2%	99.9%	96.9%	97.2%	99.7%	100.0%	100.0%	100.0%	95.7%	100.0%
Wet_1Yr	YR2030	104.5%	98.5%	104.4%	99.7%	93.8%	94.4%	99.4%	100.0%	100.0%	100.0%	91.4%	100.0%
Wet_1Yr	YR2035	104.3%	98.0%	103.0%	98.6%	89.7%	95.6%	101.8%	100.0%	100.0%	100.0%	87.5%	100.0%
Wet_1Yr	YR2040	104.1%	97.5%	101.7%	97.4%	85.6%	96.7%	104.2%	100.0%	100.0%	100.0%	83.7%	100.0%
Wet_1Yr	YR2045	103.9%	97.0%	100.3%	96.3%	81.6%	97.9%	106.6%	100.0%	100.0%	100.0%	79.9%	100.0%
Wet_5Yr	YR2025	101.2%	99.4%	99.9%	101.3%	98.5%	97.2%	100.6%	100.1%	99.4%	98.8%	97.2%	98.9%
Wet_5Yr	YR2030	102.4%	98.9%	99.7%	102.7%	96.9%	94.4%	101.1%	100.3%	98.9%	97.6%	94.4%	97.9%
Wet_5Yr	YR2035	103.0%	98.6%	99.6%	99.9%	95.6%	95.0%	102.7%	100.7%	100.6%	96.4%	91.6%	97.6%
Wet_5Yr	YR2040	103.6%	98.3%	99.5%	97.1%	94.2%	95.6%	104.3%	101.0%	102.4%	95.2%	88.8%	97.4%
Wet_5Yr	YR2045	104.2%	98.1%	99.3%	94.3%	92.9%	96.2%	105.9%	101.4%	104.2%	94.0%	85.9%	97.1%

Table B3: Projected Changes in Rainfall Under Wetter with Moderate Warming Scenario

YearType	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Normal	YR2025	100.8%	99.9%	100.6%	101.6%	97.4%	98.9%	100.1%	102.5%	100.1%	97.0%	97.8%	99.7%
Normal	YR2030	101.6%	99.7%	101.1%	103.1%	94.8%	97.9%	100.3%	105.0%	100.3%	94.1%	95.6%	99.4%
Normal	YR2035	102.0%	107.6%	108.9%	96.9%	93.4%	95.8%	100.9%	101.9%	119.6%	88.8%	95.3%	97.6%
Normal	YR2040	102.4%	115.6%	116.7%	90.7%	92.0%	93.7%	101.5%	98.9%	139.0%	83.5%	95.0%	95.9%
Normal	YR2045	102.7%	123.5%	124.4%	84.5%	90.6%	91.6%	102.1%	95.8%	158.4%	78.2%	94.7%	94.1%
Dry_1Yr	YR2025	101.1%	99.1%	101.8%	103.8%	98.3%	100.0%	100.0%	101.3%	100.0%	97.4%	96.7%	98.9%
Dry_1Yr	YR2030	102.2%	98.2%	103.6%	107.6%	96.6%	100.0%	100.0%	102.7%	100.0%	94.8%	93.3%	97.9%
Dry_1Yr	YR2035	106.5%	104.0%	110.5%	104.0%	92.8%	97.5%	100.0%	92.2%	100.0%	94.3%	93.6%	93.6%
Dry_1Yr	YR2040	110.9%	109.7%	117.3%	100.3%	89.0%	95.0%	100.0%	81.7%	100.0%	93.7%	93.9%	89.2%
Dry_1Yr	YR2045	115.3%	115.4%	124.1%	96.7%	85.2%	92.5%	100.0%	71.2%	100.0%	93.1%	94.2%	84.9%
Dry_5Yr	YR2025	101.1%	100.0%	100.6%	102.3%	97.0%	99.9%	99.4%	104.7%	100.3%	98.6%	98.1%	101.3%
Dry_5Yr	YR2030	102.2%	100.0%	101.1%	104.5%	94.1%	99.7%	98.9%	109.4%	100.6%	97.2%	96.3%	102.7%
Dry_5Yr	YR2035	105.2%	106.0%	109.1%	96.6%	94.0%	98.5%	100.2%	105.5%	122.3%	92.4%	95.8%	95.8%
Dry_5Yr	YR2040	108.3%	112.0%	117.2%	88.6%	93.8%	97.2%	101.7%	101.6%	143.9%	87.6%	95.4%	88.9%
Dry_5Yr	YR2045	111.4%	118.0%	125.2%	80.6%	93.7%	95.9%	103.1%	97.6%	165.6%	82.8%	95.0%	82.0%
Wet_1Yr	YR2025	102.3%	99.3%	102.2%	99.9%	96.9%	97.2%	99.7%	100.0%	100.0%	100.0%	95.7%	100.0%
Wet_1Yr	YR2030	104.5%	98.5%	104.4%	99.7%	93.8%	94.4%	99.4%	100.0%	100.0%	100.0%	91.4%	100.0%
Wet_1Yr	YR2035	104.0%	101.9%	118.8%	94.4%	91.1%	96.2%	102.0%	100.0%	100.0%	100.0%	93.6%	100.0%
Wet_1Yr	YR2040	103.4%	105.3%	133.3%	89.1%	88.5%	97.9%	104.5%	100.0%	100.0%	100.0%	95.9%	100.0%
Wet_1Yr	YR2045	102.9%	108.6%	147.8%	83.8%	85.9%	99.6%	107.0%	100.0%	100.0%	100.0%	98.2%	100.0%
Wet_5Yr	YR2025	101.2%	99.4%	99.9%	101.3%	98.5%	97.2%	100.6%	100.1%	99.4%	98.8%	97.2%	98.9%
Wet_5Yr	YR2030	102.4%	98.9%	99.7%	102.7%	96.9%	94.4%	101.1%	100.3%	98.9%	97.6%	94.4%	97.9%
Wet_5Yr	YR2035	104.8%	106.2%	107.8%	97.8%	95.2%	93.5%	101.6%	100.2%	120.6%	95.3%	94.9%	98.2%
Wet_5Yr	YR2040	107.1%	113.5%	115.8%	92.9%	93.4%	92.5%	102.1%	100.0%	142.3%	93.1%	95.3%	98.4%
Wet_5Yr	YR2045	109.5%	120.8%	123.9%	88.0%	91.7%	91.5%	102.6%	99.9%	164.1%	90.8%	95.8%	98.7%

Table B4: Projected Changes in San Gabriel River Flow Under Drier with Extreme Warming Scenario

YearType	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Normal	YR2025	100.3%	99.9%	99.3%	98.8%	98.5%	99.4%	99.9%	100.1%	100.0%	99.6%	98.6%	99.3%
Normal	YR2030	100.6%	99.7%	98.5%	97.6%	96.9%	98.9%	99.7%	100.3%	100.0%	99.1%	97.2%	98.5%
Normal	YR2035	98.7%	96.3%	94.6%	92.8%	93.7%	97.3%	98.8%	99.5%	101.2%	100.4%	94.2%	99.7%
Normal	YR2040	96.9%	92.9%	90.7%	88.0%	90.5%	95.7%	97.9%	98.8%	102.5%	101.7%	91.1%	100.9%
Normal	YR2045	95.0%	89.5%	86.9%	83.3%	87.2%	94.2%	97.1%	98.0%	103.8%	103.0%	88.0%	102.0%
Dry_1Yr	YR2025	99.3%	98.6%	97.6%	99.4%	99.6%	99.9%	100.0%	100.0%	99.9%	99.3%	99.3%	100.0%
Dry_1Yr	YR2030	98.5%	97.2%	95.2%	98.9%	99.1%	99.7%	100.0%	100.0%	99.7%	98.5%	98.5%	100.0%
Dry_1Yr	YR2035	90.7%	89.4%	87.6%	93.7%	96.4%	98.2%	99.1%	99.6%	100.3%	97.2%	96.7%	100.6%
Dry_1Yr	YR2040	83.0%	81.5%	80.1%	88.5%	93.8%	96.7%	98.3%	99.2%	101.0%	95.9%	94.9%	101.2%
Dry_1Yr	YR2045	75.2%	73.6%	72.5%	83.4%	91.1%	95.2%	97.4%	98.9%	101.6%	94.6%	93.1%	101.9%
Dry_5Yr	YR2025	99.9%	98.6%	98.1%	98.0%	98.0%	99.6%	99.9%	100.0%	100.0%	99.4%	98.6%	98.6%
Dry_5Yr	YR2030	99.7%	97.2%	96.3%	95.9%	95.9%	99.1%	99.7%	100.0%	100.0%	98.9%	97.2%	97.2%
Dry_5Yr	YR2035	96.7%	93.2%	93.2%	92.2%	93.6%	98.1%	99.1%	99.5%	100.0%	97.9%	94.3%	97.7%
Dry_5Yr	YR2040	93.7%	89.2%	90.2%	88.5%	91.2%	97.1%	98.5%	99.0%	100.0%	97.0%	91.4%	98.1%
Dry_5Yr	YR2045	90.6%	85.2%	87.2%	84.7%	88.9%	96.1%	97.8%	98.5%	100.0%	96.1%	88.4%	98.5%
Wet_1Yr	YR2025	99.1%	100.3%	99.1%	99.1%	98.1%	98.3%	99.6%	102.2%	100.4%	98.3%	97.6%	100.0%
Wet_1Yr	YR2030	98.2%	100.6%	98.2%	98.2%	96.3%	96.6%	99.1%	104.4%	100.9%	96.6%	95.2%	100.0%
Wet_1Yr	YR2035	94.9%	96.3%	100.6%	96.9%	92.3%	94.7%	98.2%	99.2%	100.8%	111.2%	90.0%	97.3%
Wet_1Yr	YR2040	91.7%	91.9%	102.9%	95.6%	88.3%	92.8%	97.3%	94.1%	100.8%	125.9%	84.8%	94.5%
Wet_1Yr	YR2045	88.4%	87.6%	105.3%	94.3%	84.4%	90.9%	96.4%	88.9%	100.8%	140.5%	79.7%	91.7%
Wet_5Yr	YR2025	100.6%	100.1%	98.8%	98.1%	98.3%	99.4%	99.9%	100.0%	101.1%	100.0%	99.4%	99.3%
Wet_5Yr	YR2030	101.1%	100.3%	97.6%	96.3%	96.6%	98.9%	99.7%	100.0%	102.2%	100.0%	98.9%	98.5%
Wet_5Yr	YR2035	102.1%	96.7%	95.7%	92.4%	92.8%	97.5%	99.0%	99.5%	107.7%	102.4%	99.5%	104.5%
Wet_5Yr	YR2040	103.1%	93.1%	93.9%	88.6%	89.0%	96.2%	98.2%	99.0%	113.3%	104.7%	100.1%	110.4%
Wet_5Yr	YR2045	104.0%	89.5%	92.0%	84.8%	85.2%	95.0%	97.4%	98.5%	118.8%	107.1%	100.8%	116.4%

Table B5: Projected Changes in San Gabriel River Flow Under Median Scenario

YearType	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Normal	YR2025	100.3%	99.9%	99.3%	98.8%	98.5%	99.4%	99.9%	100.1%	100.0%	99.6%	98.6%	99.3%
Normal	YR2030	100.6%	99.7%	98.5%	97.6%	96.9%	98.9%	99.7%	100.3%	100.0%	99.1%	97.2%	98.5%
Normal	YR2035	100.6%	99.8%	97.9%	95.7%	95.6%	98.4%	99.5%	100.0%	101.0%	99.0%	96.3%	97.1%
Normal	YR2040	100.6%	100.0%	97.2%	93.9%	94.2%	98.1%	99.2%	99.8%	102.0%	98.9%	95.4%	95.7%
Normal	YR2045	100.6%	100.1%	96.6%	92.0%	92.9%	97.7%	99.0%	99.5%	103.0%	98.7%	94.4%	94.2%
Dry_1Yr	YR2025	99.3%	98.6%	97.6%	99.4%	99.6%	99.9%	100.0%	100.0%	99.9%	99.3%	99.3%	100.0%
Dry_1Yr	YR2030	98.5%	97.2%	95.2%	98.9%	99.1%	99.7%	100.0%	100.0%	99.7%	98.5%	98.5%	100.0%
Dry_1Yr	YR2035	96.1%	95.1%	92.0%	96.9%	98.4%	99.3%	99.8%	99.9%	100.6%	98.1%	97.6%	99.9%
Dry_1Yr	YR2040	93.6%	93.0%	88.8%	95.0%	97.6%	99.0%	99.5%	99.8%	101.5%	97.7%	96.7%	99.8%
Dry_1Yr	YR2045	91.1%	90.8%	85.5%	93.0%	96.8%	98.6%	99.2%	99.6%	102.4%	97.4%	95.8%	99.6%
Dry_5Yr	YR2025	99.9%	98.6%	98.1%	98.0%	98.0%	99.6%	99.9%	100.0%	100.0%	99.4%	98.6%	98.6%
Dry_5Yr	YR2030	99.7%	97.2%	96.3%	95.9%	95.9%	99.1%	99.7%	100.0%	100.0%	98.9%	97.2%	97.2%
Dry_5Yr	YR2035	99.0%	96.5%	95.3%	94.0%	94.7%	98.6%	99.5%	99.9%	100.0%	98.4%	96.5%	95.8%
Dry_5Yr	YR2040	98.2%	95.6%	94.3%	92.0%	93.4%	98.1%	99.2%	99.8%	100.0%	98.1%	95.6%	94.3%
Dry_5Yr	YR2045	97.4%	94.8%	93.4%	90.1%	92.2%	97.6%	99.0%	99.6%	100.0%	97.7%	94.8%	92.8%
Wet_1Yr	YR2025	99.1%	100.3%	99.1%	99.1%	98.1%	98.3%	99.6%	102.2%	100.4%	98.3%	97.6%	100.0%
Wet_1Yr	YR2030	98.2%	100.6%	98.2%	98.2%	96.3%	96.6%	99.1%	104.4%	100.9%	96.6%	95.2%	100.0%
Wet_1Yr	YR2035	98.3%	100.8%	99.3%	96.8%	93.8%	95.8%	98.7%	102.0%	101.2%	95.2%	94.4%	96.6%
Wet_1Yr	YR2040	98.5%	101.1%	100.3%	95.3%	91.3%	95.0%	98.4%	99.6%	101.6%	93.9%	93.5%	93.2%
Wet_1Yr	YR2045	98.6%	101.3%	101.3%	93.9%	88.9%	94.1%	98.0%	97.3%	101.9%	92.5%	92.7%	89.9%
Wet_5Yr	YR2025	100.6%	100.1%	98.8%	98.1%	98.3%	99.4%	99.9%	100.0%	101.1%	100.0%	99.4%	99.3%
Wet_5Yr	YR2030	101.1%	100.3%	97.6%	96.3%	96.6%	98.9%	99.7%	100.0%	102.2%	100.0%	98.9%	98.5%
Wet_5Yr	YR2035	101.2%	100.9%	97.6%	94.5%	95.1%	98.4%	99.6%	100.0%	106.3%	100.2%	98.3%	97.1%
Wet_5Yr	YR2040	101.4%	101.5%	97.6%	92.7%	93.6%	98.1%	99.5%	100.0%	110.4%	100.5%	97.8%	95.7%
Wet_5Yr	YR2045	101.5%	102.1%	97.6%	90.9%	92.1%	97.7%	99.3%	100.0%	114.6%	100.8%	97.3%	94.2%

Table B6: Projected Changes in San Gabriel River Flow Under Wetter with Moderate Warming Scenario

YearType	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Normal	YR2025	100.3%	99.9%	99.3%	98.8%	98.5%	99.4%	99.9%	100.1%	100.0%	99.6%	98.6%	99.3%
Normal	YR2030	100.6%	99.7%	98.5%	97.6%	96.9%	98.9%	99.7%	100.3%	100.0%	99.1%	97.2%	98.5%
Normal	YR2035	102.5%	110.7%	108.5%	100.1%	97.2%	99.2%	100.0%	100.0%	109.1%	101.4%	97.0%	96.6%
Normal	YR2040	104.5%	121.6%	118.5%	102.6%	97.5%	99.6%	100.2%	99.8%	118.3%	103.7%	96.7%	94.6%
Normal	YR2045	106.5%	132.6%	128.5%	105.1%	97.7%	100.0%	100.5%	99.5%	127.4%	106.0%	96.5%	92.7%
Dry_1Yr	YR2025	99.3%	98.6%	97.6%	99.4%	99.6%	99.9%	100.0%	100.0%	99.9%	99.3%	99.3%	100.0%
Dry_1Yr	YR2030	98.5%	97.2%	95.2%	98.9%	99.1%	99.7%	100.0%	100.0%	99.7%	98.5%	98.5%	100.0%
Dry_1Yr	YR2035	93.1%	107.8%	107.5%	108.3%	101.8%	101.3%	100.9%	100.4%	119.5%	103.2%	101.2%	101.8%
Dry_1Yr	YR2040	87.6%	118.4%	119.8%	117.9%	104.5%	103.0%	101.8%	100.8%	139.2%	107.9%	104.0%	103.5%
Dry_1Yr	YR2045	82.2%	128.9%	132.2%	127.4%	107.2%	104.6%	102.6%	101.1%	159.0%	112.5%	106.7%	105.2%
Dry_5Yr	YR2025	99.9%	98.6%	98.1%	98.0%	98.0%	99.6%	99.9%	100.0%	100.0%	99.4%	98.6%	98.6%
Dry_5Yr	YR2030	99.7%	97.2%	96.3%	95.9%	95.9%	99.1%	99.7%	100.0%	100.0%	98.9%	97.2%	97.2%
Dry_5Yr	YR2035	99.0%	102.6%	103.6%	97.1%	96.3%	99.6%	100.2%	100.0%	100.9%	97.9%	96.9%	94.6%
Dry_5Yr	YR2040	98.2%	107.9%	111.0%	98.4%	96.7%	100.1%	100.7%	100.0%	101.8%	97.0%	96.5%	91.9%
Dry_5Yr	YR2045	97.4%	113.3%	118.4%	99.6%	97.1%	100.7%	101.2%	100.0%	102.6%	96.1%	96.0%	89.2%
Wet_1Yr	YR2025	99.1%	100.3%	99.1%	99.1%	98.1%	98.3%	99.6%	102.2%	100.4%	98.3%	97.6%	100.0%
Wet_1Yr	YR2030	98.2%	100.6%	98.2%	98.2%	96.3%	96.6%	99.1%	104.4%	100.9%	96.6%	95.2%	100.0%
Wet_1Yr	YR2035	101.1%	109.9%	102.6%	97.2%	92.3%	94.0%	97.6%	99.2%	114.5%	91.4%	92.1%	93.9%
Wet_1Yr	YR2040	104.0%	119.3%	107.1%	96.1%	88.3%	91.4%	96.1%	94.1%	128.3%	86.3%	89.0%	87.7%
Wet_1Yr	YR2045	106.8%	128.7%	111.5%	95.1%	84.4%	88.9%	94.5%	88.9%	142.0%	81.1%	86.0%	81.6%
Wet_5Yr	YR2025	100.6%	100.1%	98.8%	98.1%	98.3%	99.4%	99.9%	100.0%	101.1%	100.0%	99.4%	99.3%
Wet_5Yr	YR2030	101.1%	100.3%	97.6%	96.3%	96.6%	98.9%	99.7%	100.0%	102.2%	100.0%	98.9%	98.5%
Wet_5Yr	YR2035	101.5%	112.8%	105.1%	98.7%	95.6%	98.6%	99.6%	99.9%	120.7%	99.6%	98.7%	94.2%
Wet_5Yr	YR2040	101.8%	125.4%	112.7%	101.2%	94.7%	98.3%	99.5%	99.8%	139.3%	99.2%	98.6%	90.0%
Wet_5Yr	YR2045	102.2%	137.9%	120.2%	103.6%	93.7%	98.1%	99.3%	99.6%	157.9%	98.9%	98.4%	85.7%

Table B7: Projected Changes in Outdoor Demand Under Drier with Extreme Warming Scenario

YearType	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Normal	YR2025	101.0%	100.6%	100.4%	100.6%	100.7%	100.6%	100.4%	100.4%	100.6%	100.7%	101.0%	101.1%
Normal	YR2030	101.9%	101.1%	100.9%	101.1%	101.4%	101.1%	100.9%	100.9%	101.1%	101.4%	101.9%	102.2%
Normal	YR2035	103.9%	103.1%	102.2%	102.9%	103.4%	102.8%	101.2%	101.3%	101.6%	102.5%	104.4%	104.4%
Normal	YR2040	106.0%	105.0%	103.5%	104.8%	105.5%	104.5%	101.6%	101.8%	102.1%	103.6%	106.9%	106.7%
Normal	YR2045	108.0%	106.9%	104.9%	106.6%	107.5%	106.2%	101.9%	102.3%	102.6%	104.6%	109.4%	108.9%
Dry_1Yr	YR2025	100.8%	100.7%	100.4%	100.4%	101.0%	100.7%	100.6%	100.4%	100.4%	100.6%	100.7%	100.8%
Dry_1Yr	YR2030	101.6%	101.4%	100.9%	100.9%	101.9%	101.4%	101.1%	100.9%	100.9%	101.1%	101.4%	101.6%
Dry_1Yr	YR2035	103.3%	102.2%	102.3%	102.2%	103.7%	102.7%	101.5%	102.1%	102.8%	104.3%	105.0%	103.7%
Dry_1Yr	YR2040	105.0%	103.1%	103.8%	103.5%	105.5%	104.0%	101.8%	103.3%	104.8%	107.4%	108.6%	105.7%
Dry_1Yr	YR2045	106.7%	103.9%	105.2%	104.9%	107.3%	105.4%	102.2%	104.5%	106.7%	110.6%	112.2%	107.8%
Dry_5Yr	YR2025	101.0%	100.6%	100.4%	100.4%	100.8%	100.6%	100.4%	100.6%	100.6%	100.7%	101.1%	101.1%
Dry_5Yr	YR2030	101.9%	101.1%	100.9%	100.9%	101.6%	101.1%	100.9%	101.1%	101.1%	101.4%	102.2%	102.2%
Dry_5Yr	YR2035	103.9%	103.2%	102.3%	102.4%	103.7%	102.7%	101.1%	101.7%	101.6%	102.3%	104.1%	104.1%
Dry_5Yr	YR2040	106.0%	105.2%	103.8%	104.0%	105.7%	104.3%	101.3%	102.3%	102.1%	103.3%	105.9%	105.9%
Dry_5Yr	YR2045	108.0%	107.3%	105.2%	105.6%	107.8%	105.9%	101.6%	102.9%	102.6%	104.3%	107.8%	107.8%
Wet_1Yr	YR2025	101.5%	100.6%	100.3%	100.6%	100.7%	100.7%	100.4%	100.6%	100.4%	100.6%	100.7%	100.8%
Wet_1Yr	YR2030	102.9%	101.1%	100.6%	101.1%	101.4%	101.4%	100.9%	101.1%	100.9%	101.1%	101.4%	101.6%
Wet_1Yr	YR2035	105.5%	103.8%	102.8%	104.8%	104.5%	104.2%	101.5%	101.6%	101.5%	102.6%	103.2%	102.6%
Wet_1Yr	YR2040	108.0%	106.5%	105.0%	108.4%	107.7%	106.9%	102.1%	102.1%	102.1%	104.0%	105.0%	103.6%
Wet_1Yr	YR2045	110.6%	109.1%	107.2%	112.0%	110.8%	109.7%	102.7%	102.6%	102.7%	105.5%	106.8%	104.5%
Wet_5Yr	YR2025	101.1%	100.6%	100.4%	100.6%	100.8%	100.7%	100.6%	100.6%	100.6%	100.7%	101.0%	101.1%
Wet_5Yr	YR2030	102.2%	101.1%	100.9%	101.1%	101.6%	101.4%	101.1%	101.1%	101.1%	101.4%	101.9%	102.2%
Wet_5Yr	YR2035	104.3%	103.1%	102.1%	102.9%	103.4%	103.2%	101.5%	101.6%	101.6%	102.7%	104.0%	104.5%
Wet_5Yr	YR2040	106.4%	105.0%	103.3%	104.8%	105.2%	105.0%	101.8%	102.1%	102.1%	104.0%	106.2%	106.9%
Wet_5Yr	YR2045	108.5%	106.9%	104.5%	106.6%	107.0%	106.8%	102.2%	102.6%	102.6%	105.4%	108.3%	109.3%

Table B8: Projected Changes in Outdoor Demand Under Median Scenario

YearType	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Normal	YR2025	101.0%	100.6%	100.4%	100.6%	100.7%	100.6%	100.4%	100.4%	100.6%	100.7%	101.0%	101.1%
Normal	YR2030	101.9%	101.1%	100.9%	101.1%	101.4%	101.1%	100.9%	100.9%	101.1%	101.4%	101.9%	102.2%
Normal	YR2035	102.7%	101.8%	101.6%	101.8%	102.2%	101.7%	101.2%	101.3%	101.5%	102.0%	102.9%	103.3%
Normal	YR2040	103.6%	102.6%	102.3%	102.6%	103.1%	102.3%	101.6%	101.8%	101.8%	102.6%	103.8%	104.5%
Normal	YR2045	104.4%	103.3%	103.0%	103.3%	103.9%	102.9%	101.9%	102.3%	102.2%	103.2%	104.8%	105.7%
Dry_1Yr	YR2025	100.8%	100.7%	100.4%	100.4%	101.0%	100.7%	100.6%	100.4%	100.4%	100.6%	100.7%	100.8%
Dry_1Yr	YR2030	101.6%	101.4%	100.9%	100.9%	101.9%	101.4%	101.1%	100.9%	100.9%	101.1%	101.4%	101.6%
Dry_1Yr	YR2035	102.2%	101.7%	101.5%	101.6%	102.7%	101.9%	101.4%	101.5%	101.6%	102.0%	102.3%	102.7%
Dry_1Yr	YR2040	102.8%	102.1%	102.1%	102.3%	103.6%	102.3%	101.6%	102.1%	102.3%	102.8%	103.3%	103.8%
Dry_1Yr	YR2045	103.4%	102.5%	102.7%	103.0%	104.4%	102.8%	101.8%	102.7%	103.0%	103.7%	104.3%	104.9%
Dry_5Yr	YR2025	101.0%	100.6%	100.4%	100.4%	100.8%	100.6%	100.4%	100.6%	100.6%	100.7%	101.1%	101.1%
Dry_5Yr	YR2030	101.9%	101.1%	100.9%	100.9%	101.6%	101.1%	100.9%	101.1%	101.1%	101.4%	102.2%	102.2%
Dry_5Yr	YR2035	102.5%	101.7%	101.5%	101.6%	102.2%	101.7%	101.3%	101.6%	101.5%	102.0%	103.0%	103.3%
Dry_5Yr	YR2040	103.1%	102.3%	102.1%	102.3%	102.8%	102.3%	101.8%	102.1%	101.8%	102.6%	103.8%	104.5%
Dry_5Yr	YR2045	103.7%	102.9%	102.7%	103.0%	103.4%	102.9%	102.3%	102.6%	102.2%	103.2%	104.6%	105.7%
Wet_1Yr	YR2025	101.5%	100.6%	100.3%	100.6%	100.7%	100.7%	100.4%	100.6%	100.4%	100.6%	100.7%	100.8%
Wet_1Yr	YR2030	102.9%	101.1%	100.6%	101.1%	101.4%	101.4%	100.9%	101.1%	100.9%	101.1%	101.4%	101.6%
Wet_1Yr	YR2035	104.1%	102.2%	101.3%	102.0%	102.5%	102.1%	101.2%	101.5%	101.3%	101.8%	102.1%	102.4%
Wet_1Yr	YR2040	105.2%	103.3%	102.0%	102.8%	103.6%	102.8%	101.6%	101.8%	101.8%	102.6%	102.8%	103.1%
Wet_1Yr	YR2045	106.4%	104.4%	102.8%	103.7%	104.6%	103.6%	101.9%	102.2%	102.3%	103.3%	103.6%	103.8%
Wet_5Yr	YR2025	101.1%	100.6%	100.4%	100.6%	100.8%	100.7%	100.6%	100.6%	100.6%	100.7%	101.0%	101.1%
Wet_5Yr	YR2030	102.2%	101.1%	100.9%	101.1%	101.6%	101.4%	101.1%	101.1%	101.1%	101.4%	101.9%	102.2%
Wet_5Yr	YR2035	103.1%	101.8%	101.5%	101.8%	102.4%	102.0%	101.5%	101.5%	101.5%	102.0%	102.6%	103.2%
Wet_5Yr	YR2040	104.1%	102.6%	102.1%	102.6%	103.1%	102.6%	101.8%	101.8%	101.8%	102.6%	103.3%	104.3%
Wet_5Yr	YR2045	105.0%	103.3%	102.7%	103.3%	103.8%	103.2%	102.2%	102.2%	102.2%	103.2%	104.0%	105.4%

Table B9: Projected Changes in Outdoor Demand Under Wetter with Moderate Warming Scenario

YearType	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Normal	YR2025	101.0%	100.6%	100.4%	100.6%	100.7%	100.6%	100.4%	100.4%	100.6%	100.7%	101.0%	101.1%
Normal	YR2030	101.9%	101.1%	100.9%	101.1%	101.4%	101.1%	100.9%	100.9%	101.1%	101.4%	101.9%	102.2%
Normal	YR2035	103.0%	100.9%	100.5%	100.6%	101.3%	101.5%	101.1%	101.0%	101.0%	101.1%	101.9%	102.9%
Normal	YR2040	104.0%	100.6%	100.1%	100.1%	101.1%	101.8%	101.3%	101.1%	100.9%	100.9%	101.9%	103.6%
Normal	YR2045	105.1%	100.4%	99.7%	99.7%	101.0%	102.2%	101.6%	101.2%	100.7%	100.7%	101.9%	104.3%
Dry_1Yr	YR2025	100.8%	100.7%	100.4%	100.4%	101.0%	100.7%	100.6%	100.4%	100.4%	100.6%	100.7%	100.8%
Dry_1Yr	YR2030	101.6%	101.4%	100.9%	100.9%	101.9%	101.4%	101.1%	100.9%	100.9%	101.1%	101.4%	101.6%
Dry_1Yr	YR2035	101.8%	100.7%	100.2%	100.2%	101.8%	102.0%	101.6%	101.7%	102.6%	102.9%	103.2%	102.8%
Dry_1Yr	YR2040	101.9%	99.9%	99.6%	99.6%	101.7%	102.6%	102.1%	102.6%	104.3%	104.8%	105.0%	104.0%
Dry_1Yr	YR2045	102.0%	99.2%	99.0%	99.0%	101.5%	103.2%	102.6%	103.4%	106.0%	106.6%	106.8%	105.2%
Dry_5Yr	YR2025	101.0%	100.6%	100.4%	100.4%	100.8%	100.6%	100.4%	100.6%	100.6%	100.7%	101.1%	101.1%
Dry_5Yr	YR2030	101.9%	101.1%	100.9%	100.9%	101.6%	101.1%	100.9%	101.1%	101.1%	101.4%	102.2%	102.2%
Dry_5Yr	YR2035	102.9%	100.7%	100.5%	100.6%	101.3%	101.5%	101.0%	101.2%	101.0%	101.0%	101.8%	102.9%
Dry_5Yr	YR2040	103.8%	100.4%	100.1%	100.3%	100.9%	101.8%	101.1%	101.4%	100.9%	100.7%	101.5%	103.6%
Dry_5Yr	YR2045	104.8%	100.0%	99.7%	100.1%	100.6%	102.2%	101.2%	101.5%	100.7%	100.3%	101.1%	104.3%
Wet_1Yr	YR2025	101.5%	100.6%	100.3%	100.6%	100.7%	100.7%	100.4%	100.6%	100.4%	100.6%	100.7%	100.8%
Wet_1Yr	YR2030	102.9%	101.1%	100.6%	101.1%	101.4%	101.4%	100.9%	101.1%	100.9%	101.1%	101.4%	101.6%
Wet_1Yr	YR2035	103.8%	100.6%	100.2%	100.5%	101.9%	101.7%	101.2%	101.1%	101.1%	101.1%	101.5%	102.1%
Wet_1Yr	YR2040	104.8%	100.1%	99.8%	99.9%	102.3%	102.1%	101.6%	101.1%	101.3%	101.1%	101.6%	102.6%
Wet_1Yr	YR2045	105.7%	99.7%	99.5%	99.3%	102.8%	102.5%	101.9%	101.1%	101.6%	101.1%	101.7%	103.1%
Wet_5Yr	YR2025	101.1%	100.6%	100.4%	100.6%	100.8%	100.7%	100.6%	100.6%	100.6%	100.7%	101.0%	101.1%
Wet_5Yr	YR2030	102.2%	101.1%	100.9%	101.1%	101.6%	101.4%	101.1%	101.1%	101.1%	101.4%	101.9%	102.2%
Wet_5Yr	YR2035	102.9%	100.7%	100.3%	100.7%	101.6%	101.6%	101.2%	101.0%	101.0%	100.8%	101.2%	102.6%
Wet_5Yr	YR2040	103.6%	100.4%	99.9%	100.4%	101.6%	101.9%	101.4%	100.9%	100.9%	100.2%	100.5%	103.1%
Wet_5Yr	YR2045	104.3%	100.0%	99.4%	100.0%	101.6%	102.1%	101.5%	100.7%	100.7%	99.6%	99.8%	103.6%

9.3 Appendix C

Table C-1: Identification of Potential Mitigation Actions and Their Key Identifiers

Project Number	Agency	Type of Mitigation Action	Project/Program Name	Location	Stage	Regional Partners	Timing/ Schedule	Estimated Capital Costs ($)	Potential Benefits									Review		
									Increase Local Supply			Operational Flexibility			Water Supply Reliability					
									New Extraction Wells	Enhanced Well Efficiency	Groundwater Treatment Projects	System Interties	Upgrade Aging Infrastructure	Conservation and Efficiency	Projects that increase overall supply	Projects that reduce drought dependency	Projects that reduce overall dependency	Regional Water Supply Reliability and Resiliency	Regional Benefits	Timing/ Schedule
1	Cal Poly Pomona	Groundwater Treatment Projects	VOC Treatment at Well 2	34°03'05"N 117°48'32"W	Conceptual		≤ 1 yr	$1,300,000			X				X			Meets 2 of the regional benefits	Single agency action	Short-term action
2	Cal Poly Pomona	Groundwater Treatment Projects	Install Additional RO Train at ROWTP	34°03'27"N 117°49'04"W	Conceptual		2-4 yrs	$750,000			X				X			Meets 2 of the regional benefits	Single agency action	Mid-term action
3	Cal Poly Pomona	Enhanced Well Efficiency	Repurpose Farm Well #4 water	34°02'33"N 117°48'48"W	Conceptual		1-2 yrs	≤ $2M		X					X			Meets 2 of the regional benefits	Single agency action	Short-term action
4	Cal Poly Pomona	New Extraction Wells	Future wells as injection (recycled water) and extraction		Conceptual	Three Valleys	1-2 yrs	$2-5M	X						X			Meets 2 of the regional benefits	Regional action	Short-term action
5	Rowland Water District & Walnut Valley Water District (through Puente Basin Water Agency)	New Extraction Wells	Six Basins Groundwater Project		Construction	RWD, WVWD	Late 2024	≥ $10M	X						X		X	Meets 2 of the regional benefits	Action involves multiple adjacent agencies	Short-term action
6	Rowland Water District & Walnut Valley Water District (through Puente Basin Water Agency)	System Interties	Covina Irrigating Company Interconnection		Conceptual	RWD, WVWD	2-4 yrs	$4,122,000				X			X		X	Meets 2 of the regional benefits	Action involves multiple adjacent agencies	Mid-term action
7	Walnut Valley Water District w/ Pomona (through Spadra Basin GSA)	New Extraction Wells	Spadra Basin Optimization Scenario 3		Conceptual	WVWD, Pomona	≥ 4 yrs	$160,527,246	X						X		X	Meets 2 of the regional benefits	Action involves multiple adjacent agencies	Long-term action
8	City of Covina Water Department	Upgrade Aging Infrastructure	Grand Avenue Water Main Replacement Project		Unknown		2027	$8,500,000					X					Meets 1 of the regional benefits	Single agency action	Mid-term action

Project Number	Agency	Type of Mitigation Action	Project/Program Name	Location	Stage	Regional Partners	Timing/ Schedule	Estimated Capital Costs ($)	Potential Benefits									Review		
									Increase Local Supply			Operational Flexibility			Water Supply Reliability					
									New Extraction Wells	Enhanced Well Efficiency	Groundwater Treatment Projects	System Interties	Upgrade Aging Infrastructure	Conservation and Efficiency	Projects that increase overall supply	Projects that reduce drought dependency	Projects that reduce overall dependency	Regional Water Supply Reliability and Resiliency	Regional Benefits	Timing/ Schedule
9	City of Covina Water Department	Upgrade Aging Infrastructure	Pipeline Replacement		Unknown		≥ 4 yrs	$2-5M					X		X	X		Meets 2 of the regional benefits	Single agency action	Long-term action
10	City of Covina Water Department	Upgrade Aging Infrastructure	Hurst Tract Water Main Replacement Project	From Cypress Avenue to Covina Boulevard and Grand Avenue to Brightview Drive	Unknown		FY25	$1,500,000					X					Meets 1 of the regional benefits	Single agency action	Short-term action
11	City of Covina Water Department	Upgrade Aging Infrastructure	Edna Place Pipe Improvements Project	Grand Avenue to Barranca Avenue	Unknown		FY28	$6,000,000					X					Meets 1 of the regional benefits	Single agency action	Mid-term action
12	City of Covina Water Department	Upgrade Aging Infrastructure	Navilla and Forestdale Main Replacement Project	From Puente Street to Rowland Avenue and From Grand to Barranca Avenue	Unknown		FY26	$5,000,000					X					Meets 1 of the regional benefits	Single agency action	Short-term action
13	City of Covina Water Department	Upgrade Aging Infrastructure	Azusa Avenue Main Installation Project	From Badillo Street to Edna Place	Unknown		FY27	$2,500,000					X					Meets 1 of the regional benefits	Single agency action	Mid-term action
14	City of Covina Water Department	Upgrade Aging Infrastructure	Fourth Avenue Water Main Replacement Project & Cypress Avenue Water Main Replacement Project	From Badillo Street to San Bernardino Road From Citrus Avenue to Barranca Avenue	Unknown		FY25	$2-5M					X					Meets 1 of the regional benefits	Single agency action	Short-term action

Project Number	Agency	Type of Mitigation Action	Project/Program Name	Location	Stage	Regional Partners	Timing/ Schedule	Estimated Capital Costs ($)	Potential Benefits									Review		
									Increase Local Supply			Operational Flexibility			Water Supply Reliability					
									New Extraction Wells	Enhanced Well Efficiency	Groundwater Treatment Projects	System Interties	Upgrade Aging Infrastructure	Conservation and Efficiency	Projects that increase overall supply	Projects that reduce drought dependency	Projects that reduce overall dependency	Regional Water Supply Reliability and Resiliency	Regional Benefits	Timing/ Schedule
15	City of Covina Water Department	Upgrade Aging Infrastructure	Cypress Reservoir Water Booster Improvement Project	1051 E. Cypress Street	Unknown		FY24	$850,000					X					Meets 1 of the regional benefits	Single agency action	Short-term action
16	City of Covina Water Department	Upgrade Aging Infrastructure	Rancho La Merced Water Improvement Project (Design Only)	Rancho La Merced	Unknown		FY24	$100,000					X					Meets 1 of the regional benefits	Single agency action	Short-term action
17	City of Covina Water Department	Conservation and Efficiency	Water Master Plan & Rate Update City-Wide	City-Wide	Unknown		FY24	$250,000						X				Meets 1 of the regional benefits	Single agency action	Short-term action
18	City of Covina Water Department	Upgrade Aging Infrastructure	San Joaquin Road and Rambling Road Main Replacement	From Covina Hills to Navilla Place	Unknown		FY27	$4,000,000					X					Meets 1 of the regional benefits	Single agency action	Mid-term action
19	City of Glendora	Enhanced Well Efficiency	Well #7 (Vosburg) Replacement	201 South Virginia Ave. Azua, CA	Feasibility		≥ 4 yrs	$2,000,000		X								Meets 1 of the regional benefits	Single agency action	Long-term action
20	City of Glendora	Upgrade Aging Infrastructure	North Glendora Tank Replacement	Glendora, CA	Feasibility		1-2 yrs	$1,180,000					X					Meets 1 of the regional benefits	Single agency action	Short-term action
21	City of Glendora	New Extraction Wells	Well #14 Replacement	Glendora, CA	Feasibility		≥ 4 yrs	$600,000	X						X	X		Meets 2 of the regional benefits	Single agency action	Long-term action
22	City of Glendora	Conservation and Efficiency	Turf Removal for Large Commercial and Municipal Properties	Glendora, CA	Design		≤ 1 yr	$550,000.00						X	X	X		Meets 2 of the regional benefits	Single agency action	Short-term action

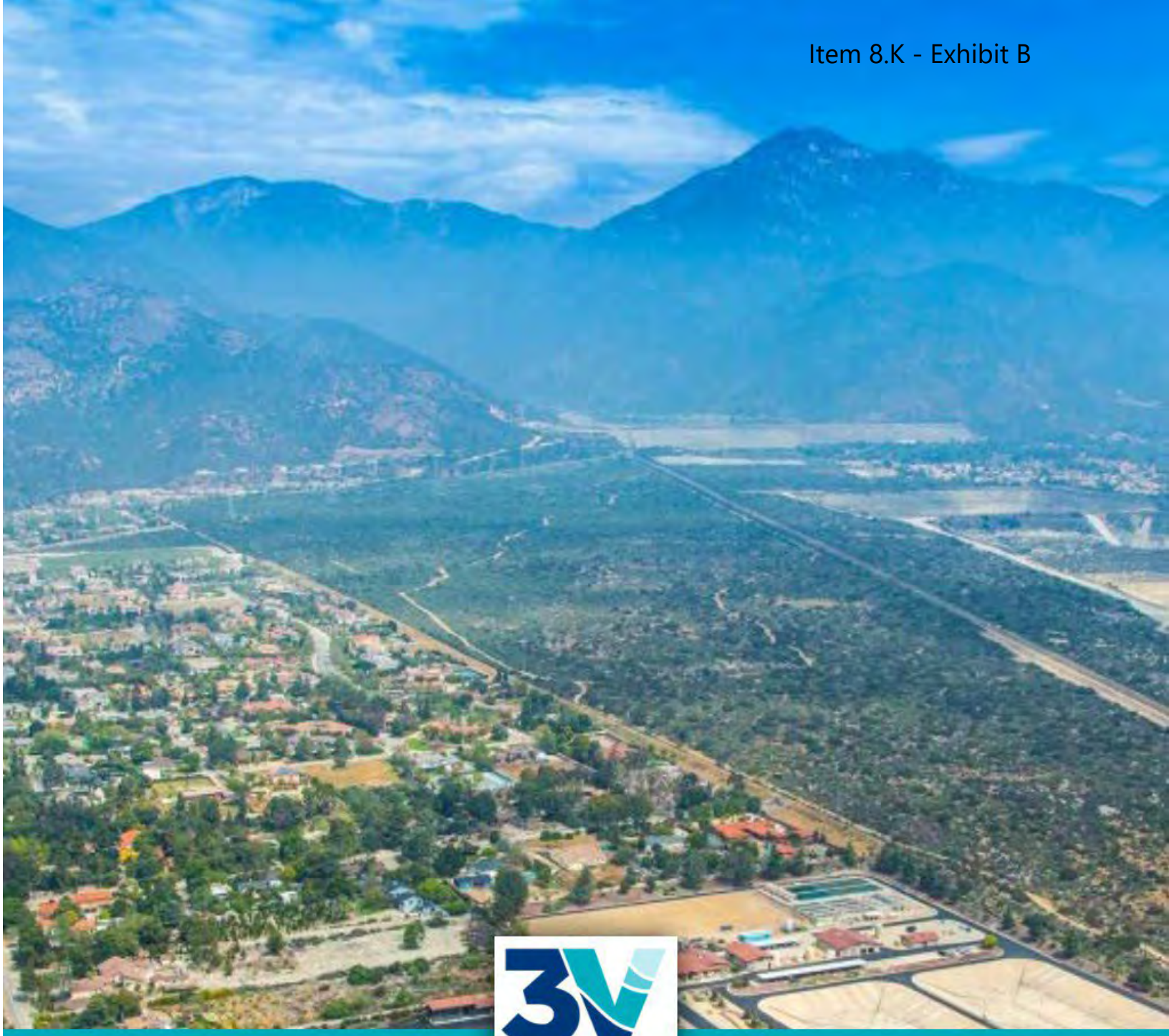
Project Number	Agency	Type of Mitigation Action	Project/Program Name	Location	Stage	Regional Partners	Timing/ Schedule	Estimated Capital Costs ($)	Potential Benefits									Review		
									Increase Local Supply			Operational Flexibility			Water Supply Reliability					
									New Extraction Wells	Enhanced Well Efficiency	Groundwater Treatment Projects	System Interties	Upgrade Aging Infrastructure	Conservation and Efficiency	Projects that increase overall supply	Projects that reduce drought dependency	Projects that reduce overall dependency	Regional Water Supply Reliability and Resiliency	Regional Benefits	Timing/ Schedule
23	City of Glendora	Enhanced Well Efficiency	Redrilling Wells 10 and 11 for Exploration	Well-10 Location: GPS-340839.06N / 1175102.54W - Elev. 918' Cable Tool-1912 to 525' Well-11 Location: GPS-340829.20N / 1175113.46W - Elev.882' Cable Tool-1913 to 496'	Unknown		≥ 4 yrs	$2-5M		X								Meets 1 of the regional benefits	Single agency action	Long-term action
24	City of Glendora	System Interties	Pipeline Intertie Replacements		Unknown		2-4 yrs	≤ $2M				X						Meets 1 of the regional benefits	Single agency action	Mid-term action
25	City of Glendora	Enhanced Well Efficiency	Well 2 Replacement		Unknown		1-2 yrs	$2-5M		X								Meets 1 of the regional benefits	Single agency action	Short-term action
26	City of La Verne	System Interties	Connections to Weymouth WTP		Conceptual		2-4 yrs	≤ $2M				X						Meets 1 of the regional benefits	Single agency action	Mid-term action
27	City of La Verne	Groundwater Treatment Projects	Well Treatment 6th and White, Lincoln and Mills - Ion-Ex Plant	6th and white water facility	Conceptual		≥ 4 yrs	$2-5M			X				X	X		Meets 2 of the regional benefits	Single agency action	Long-term action
28	City of La Verne	Enhanced Well Efficiency	La Verne Heights Well #1 Replacement - Ion-Ex	LVH #1	Conceptual		≥ 4 yrs	$2-5M		X								Meets 1 of the regional benefits	Single agency action	Long-term action

Project Number	Agency	Type of Mitigation Action	Project/Program Name	Location	Stage	Regional Partners	Timing/ Schedule	Estimated Capital Costs ($)	Potential Benefits									Review		
									Increase Local Supply			Operational Flexibility			Water Supply Reliability					
									New Extraction Wells	Enhanced Well Efficiency	Groundwater Treatment Projects	System Interties	Upgrade Aging Infrastructure	Conservation and Efficiency	Projects that increase overall supply	Projects that reduce drought dependency	Projects that reduce overall dependency	Regional Water Supply Reliability and Resiliency	Regional Benefits	Timing/ Schedule
29	City of La Verne	System Interties	Conjunctive Use Concepts (Six Basins, Pomona Basin, Live Oak Basin)		Conceptual		≥ 4 yrs	≥ $10M				X						Meets 1 of the regional benefits	Single agency action	Long-term action
30	City of La Verne	Conservation and Efficiency	AMI	City wide	Design		2-4 yrs	$2-5M						X				Meets 1 of the regional benefits	Single agency action	Mid-term action
31	City of Pomona	New Extraction Wells, Enhanced Well Efficiency, Upgrade Aging Infrastructure, Groundwater Treatment Projects	Pomona Combined Project (Groundwater Quality Improvement, Anion Exchange Plant, & Reservoir 5)		Unknown		≥ 4 yrs	≥ $10M	X	X	X		X		X	X		Meets all regional benefits	Single agency action	Long-term action
32	City of Pomona	Upgrade Aging Infrastructure	Reservoir 6		Unknown		2029	≤ $2M					X					Meets 1 of the regional benefits	Single agency action	Long-term action
33	City of Industry	System Interties	Surface Water Storage Project		Unknown		≥ 4 yrs	≥ $10M				X						Meets 1 of the regional benefits	Single agency action	Long-term action
34	City of Industry	System Interties	Water Distribution System Reliability Project	Lat: 33.957826 Long: -117.858392	Design		Late 2025	$1,200,000				X						Meets 1 of the regional benefits	Single agency action	Short-term action
35	Three Valleys	Groundwater Treatment Projects	Filter Drain Valves		Conceptual		2025	$200,000			X							Meets 1 of the regional benefits	Regional action	Short-term action
36	Three Valleys	System Interties	Padua Pump Station		Conceptual		≥ 4 yrs	$5-10M				X						Meets 1 of the regional benefits	Regional action	Long-term action

Project Number	Agency	Type of Mitigation Action	Project/Program Name	Location	Stage	Regional Partners	Timing/ Schedule	Estimated Capital Costs ($)	Potential Benefits									Review		
									Increase Local Supply			Operational Flexibility			Water Supply Reliability					
									New Extraction Wells	Enhanced Well Efficiency	Groundwater Treatment Projects	System Interties	Upgrade Aging Infrastructure	Conservation and Efficiency	Projects that increase overall supply	Projects that reduce drought dependency	Projects that reduce overall dependency	Regional Water Supply Reliability and Resiliency	Regional Benefits	Timing/ Schedule
37	Three Valleys	Upgrade Aging Infrastructure, Conservation and Efficiency	Sludge Pond Mixing Upgrade		Conceptual		2027	$800,000					X	X				Meets 1 of the regional benefits	Regional action	Mid-term action
38	Three Valleys	Enhanced Well Efficiency	Grand Avenue Well Improvement		Conceptual		2029	$250,000		X								Meets 1 of the regional benefits	Regional action	Long-term action
39	Three Valleys	Enhanced Well Efficiency	Well 2 Improvement		Conceptual		2027	$200,000		X								Meets 1 of the regional benefits	Regional action	Mid-term action
40	Three Valleys	Conservation and Efficiency	PM-21 [Miramar] Bypass Magmeter		Conceptual		2026	$2,300,000						X				Meets 1 of the regional benefits	Regional action	Short-term action
41	Three Valleys	System Interties	Miramar Pumpback		Conceptual		2028	$2,000,000				X			X			Meets 2 of the regional benefits	Regional action	Short-term action
42	Three Valleys	Upgrade Aging Infrastructure	Hydroelectric Facilities Efficiency Upgrades		Conceptual		2030	$3,000,000					X					Meets 1 of the regional benefits	Regional action	Long-term action
43	Three Valleys	System Interties, Enhanced Well Efficiency	Groundwater Reliability Improvement Program		Feasibility	RWD, WVWD, Glendora	≥ 4 yrs	≥ $10M		X		X			X			Meets all regional benefits	Regional action	Long-term action
44	Three Valleys	Conservation and Efficiency	Renewable Energy Project[1]		Conceptual		2027	$250,000										Meets 1 of the regional benefits	Regional action	Mid-term action
45	Three Valleys	Upgrade Aging Infrastructure	Miramar System Condition Assessment		Conceptual		1-2 yrs	$2-5M					X					Meets 1 of the regional benefits	Regional action	Short-term action

Project Number	Agency	Type of Mitigation Action	Project/Program Name	Location	Stage	Regional Partners	Timing/ Schedule	Estimated Capital Costs ($)	Potential Benefits									Review		
									Increase Local Supply			Operational Flexibility			Water Supply Reliability					
									New Extraction Wells	Enhanced Well Efficiency	Groundwater Treatment Projects	System Interties	Upgrade Aging Infrastructure	Conservation and Efficiency	Projects that increase overall supply	Projects that reduce drought dependency	Projects that reduce overall dependency	Regional Water Supply Reliability and Resiliency	Regional Benefits	Timing/ Schedule
46	Suburban Water System	Groundwater Treatment Projects	201 PFOA/PFAS treatment	9825 Mission Mill Road Whittier, CA 90601	Design		2-4 yrs	$30,000,000			X							Meets 1 of the regional benefits	Single agency action	Mid-term action
47	Suburban Water System	Groundwater Treatment Projects	Plant 410 Treatment Plant		Unknown		2-4 yrs	$3,200,000			X							Meets 1 of the regional benefits	Single agency action	Mid-term action
48	Suburban Water System	Upgrade Aging Infrastructure	Plant 128 Pump Station and Reservoir Replacement		Unknown		≤ 1 yr	$5,500,000					X					Meets 1 of the regional benefits	Single agency action	Short-term action
49	Valencia Heights Water Company	Upgrade Aging Infrastructure	Grand Ave waterline replacement		Design		2-4 yrs	$400,000					X					Meets 1 of the regional benefits	Single agency action	Mid-term action
50	Valencia Heights Water Company	Upgrade Aging Infrastructure	Reservoir rehab and retrofitting #4a		Design		2-4 yrs	$400,000					X					Meets 1 of the regional benefits	Single agency action	Mid-term action
51	Valencia Heights Water Company	Upgrade Aging Infrastructure	Reservoir rehab and retrofitting #6b		Design		1-2 yrs	$500,000					X					Meets 1 of the regional benefits	Single agency action	Short-term action
52	Valencia Heights Water Company	Upgrade Aging Infrastructure	Reservoir rehab and retrofitting #6a		Design		1-2 yrs	$500,000					X					Meets 1 of the regional benefits	Single agency action	Short-term action
53	Valencia Heights Water Company	Upgrade Aging Infrastructure	Reservoir rehab and retrofitting #4b		Design		≥ 4 yrs	$500,000.00					X					Meets 1 of the regional benefits	Single agency action	Long-term action
54	Valencia Heights Water Company	Upgrade Aging Infrastructure	Golden Bough waterline replacement		Design		≥ 4 yrs	$550,000					X					Meets 1 of the regional benefits	Single agency action	Long-term action

[1] Project #44 is included to account for all proposed mitigation actions. However, upon further review with Three Valleys, it was determined that Project #44 does not qualify as a drought mitigation action.



THREE VALLEYS
MUNICIPAL WATER DISTRICT

WATER RESOURCES MASTER PLAN

JANUARY 2025

GEI Consultants

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Acronyms and Abbreviations

1,2,3-TCP	1,2,3-Trichloropropane
AF	acre-feet
AF/year	acre-feet per year
CEC	contaminants of emerging concern
CIP	Capital Improvement Program
CPP	California State Polytechnic University at Pomona
CRA	Colorado River Aqueduct
DBCP	Hexavalent Chromium, Arsenic, 1,2-Dibromo-3-chloropropane
CVWC	Covina Valley Water Company
DCP	Drought Contingency Plan
DWR	California Department of Water Resources
FEMA	Federal Emergency Management Agency
ET	evapotranspiration
FY	fiscal year
GAMA	Groundwater Ambient Monitoring and Assessment
gpm	gallons per minute
GRIP	Groundwater Reliability Improvement Program
GRIP+	Groundwater Reliability Improvement Program "Plus"
GSA	Groundwater Sustainability Agency
GSWC	Golden State Water Company
JWL	Joint Water Line
MCL	Maximum Contaminant Level
Metropolitan	Metropolitan Water District of Southern California
O&M	operations and maintenance
PBWA	Puente Basin Water Agency

PCE	Trichloroethene
PFA	polyfluoroalkyl substances
TAF	thousand acre-feet
TAF/year	thousand acre-feet per year
TCE	Trichloroethene
TDS	Total Dissolved Solids
USBR	U.S. Bureau of Reclamation
RWD	Rowland Water District
SGMA	Sustainable Groundwater Management Act
SWP	State Water Project
SWS	Suburban Water Systems
Three Valleys	Three Valleys Municipal Water District
UWMP	2020 Urban Water Management Plan
VHWC	Valencia Heights Water Company
WRMP	Water Resources Master Plan
WVWD	Walnut Valley Water District

1 Introduction

Three Valleys Municipal Water District (Three Valleys) was formed in 1950 and provides water supply and water resource management to over 500,000 people in a 133 square mile area in eastern Los Angeles County. As a member agency of the Metropolitan Water District of Southern California (Metropolitan), Three Valleys provides wholesale water to its 13 member agencies, which includes:

- Boy Scouts of America,
- California State Polytechnic University at Pomona (CPP)
- City of Covina
- City of Glendora
- City of La Verne
- City of Pomona
- Golden State Water Company (GSWC) (Claremont and San Dimas systems)
- Mount San Antonio College
- Rowland Water District (RWD)
- Suburban Water Systems (SWS)
- Valencia Heights Water Company (VHWC)
- Walnut Valley Water District (WVWD).

These member agencies are described in more detail in Section 2.

1.1 Objectives

The mission of Three Valleys is to supplement and enhance local water supplies to meet the region and their member agencies' needs in a reliable and cost-effective manner. The objective of the Three Valleys Water Resources Master Plan (WRMP) is to provide a roadmap of needed capital improvements to meet Three Valleys' member agencies' needs. The key objectives are as follows:

- Assess Three Valleys current water system performance.
- Establish a comprehensive approach to achieve water supply reliability within the Three Valleys service area.
- Inform and supplement Three Valleys' Capital Improvement Program (CIP) to gain efficiency in operations and maintenance (O&M) and sustainably manage the water system.
- Identify the investment priorities for the future and provide information to inform policy decisions related to infrastructure and supply.

1.2 Relevant Studies

To increase water supply reliability and proactively address the region's concern with drought, in 2023 Three Valleys began preparing a WRMP and Regional Drought Contingency Plan (DCP). The WRMP has several elements in common with Three Valleys' DCP, such as the assessment of water shortage conditions based on current and future water supply needs and anticipated impacts to supplies from climate change and other risks, along with the identification and prioritization of projects to enhance

the region's water supply portfolio. The WRMP and Regional DCP were prepared in parallel with a coordinated schedule and approach. The Regional DCP is included as Appendix C.

1.3 Organization of Report

This document is organized as follows:

Section 1 – Introduction

Section 2 – Existing System Description

Section 3 – Water System Reliability

Section 4 – Mitigation Projects Development and System Performance Evaluation

Section 5 – Mitigation Projects Analysis

Section 6 – Opportunities for Regional Agency/Project Collaboration

Section 7 – Summary and Recommendations

Section 8 – References

Appendix A – List of Mitigation Projects

Appendix B – Results of Pairwise Benefit Evaluation

Appendix C – Three Valleys Regional Drought Contingency Plan

2 Existing System Description

Three Valleys was formed in 1950 and provides water supply and water resource management to over 500,000 people in a 133 square mile area in eastern Los Angeles County. The estimated population within the Three Valleys wholesale service area in 2020, along with future population projections documented in Three Valleys' 2020 Urban Water Management Plan (UWMP), is presented in Table 2-1.

Table 2-1. Three Valleys Current and Future Populations

	2020	2025	2030	2035	2040	2045
Three Valleys	513,623	523,167	532,888	542,790	555,204	561,782

2.1 Water Supplier Service Area

Three Valleys' member agencies retail the water directly to their customers, or wholesale it to other water systems for resale. Three Valleys' member agencies produce water from local sources; however, when water demands exceed these local supplies, the member agencies may rely on Three Valleys to supply their supplemental water needs. Three Valleys' service area includes the Cities of Claremont, Covina, Diamond Bar, Glendora, Industry, La Verne, Pomona, San Dimas, Walnut, West Covina, and unincorporated areas of Los Angeles County (including Charter Oak and Rowland Heights) (Figure 2-1).

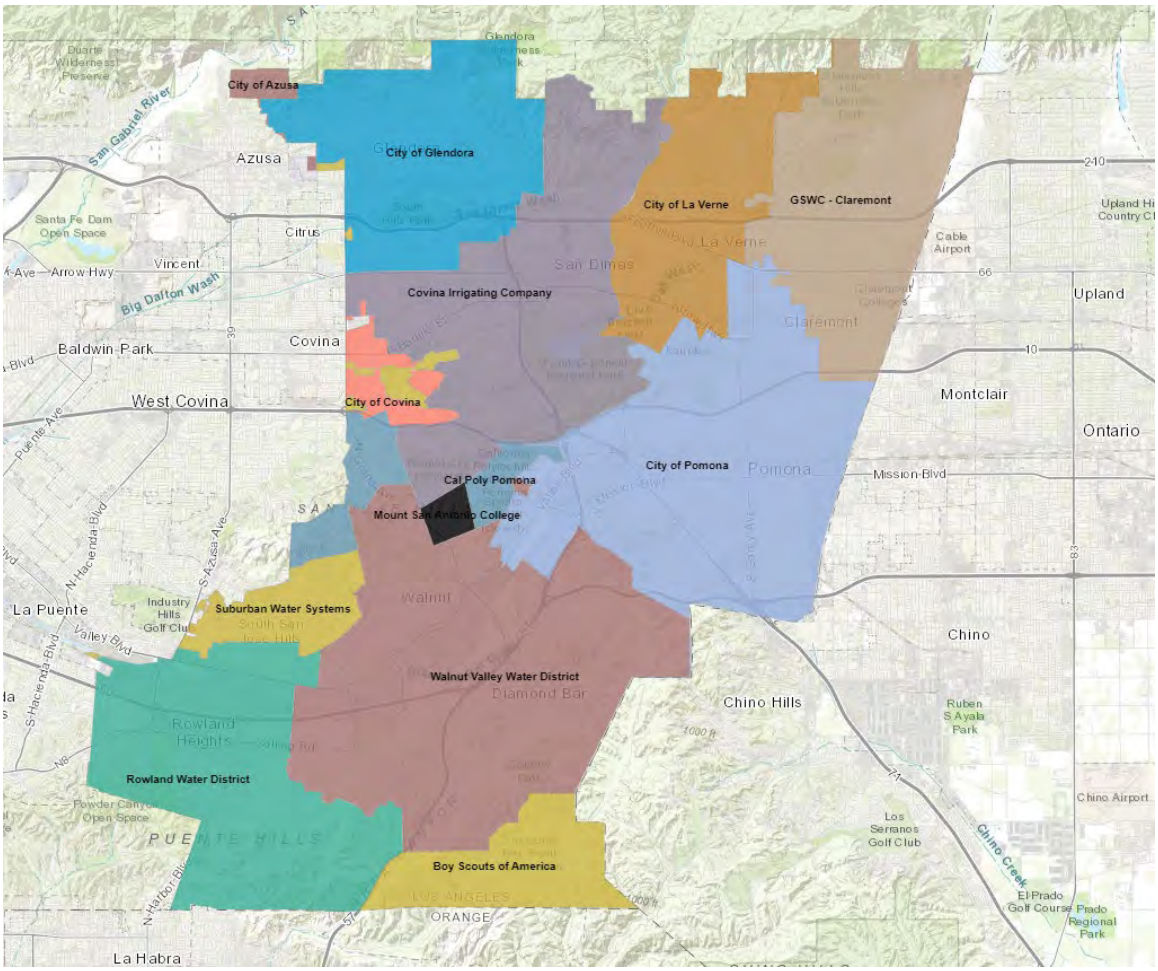

Figure 2-1: Three Valleys Municipal Water District Service Area

Three Valleys is one of 26 member agencies of Metropolitan. Three Valleys' water supply sources consist of untreated imported water purchased from Metropolitan, treated imported water purchased from Metropolitan, and groundwater from the Six Basins groundwater basin, with imported water from Metropolitan accounting for the majority of Three Valleys' supply. Water purchased from Metropolitan comes from the Colorado River Aqueduct and the State Water Project (SWP). Most Three Valleys member agencies rely on a combination of imported water and groundwater supplies. A few members also use other sources including three who currently utilize recycled water, and five who utilize surface water supplies. Several of these agencies are in SWP dependent areas, meaning they cannot receive Colorado River supplies from Metropolitan, and are solely dependent on imported water from the SWP.

2.2 Member Agencies

Wholesale water within the region is supplied by Three Valleys by importing and distributing water obtained from Metropolitan to its 13 member agencies. Three Valleys has 13 members agencies including the following:

- Boy Scouts of America: Boy Scouts of America is one of three institutions that receives imported water from Three Valleys. They own and operate the Firestone Scout Reservation, a campground and wilderness facility located in the southern part of the Three Valleys' service area.
- California State Polytechnic University, Pomona: California State Polytechnic University is one of three institutions that receives imported water from Three Valleys, located within the City of Pomona.
- City of Covina: The City of Covina has a service area of approximately 7 square miles encompassing the majority of the City of Covina, a portion of the City of West Covina and an unincorporated portion of Los Angeles County. In 2020, the City of Covina served a population of approximately 29,287 through about 8,500 municipal connections.
- City of Glendora: The City of Glendora's service area covers approximately 11 square miles encompassing the majority of the City of Glendora and a portion of the Cities of San Dimas, Azusa and an unincorporated portion of Los Angeles County. In 2020, the City of Glendora served a population of approximately 45,551 through about 13,468 municipal connections.
- City of La Verne: The City of La Verne has a service area of approximately 8.56 square miles bounded on the west by the City of San Dimas, on the south by the Puddingstone Recreation area, on the east by Fulton Road and the prolongation of Williams Avenue, and on the north by the Los Angeles National Forest. In 2020, the City of La Verne served a population of approximately 31,321 through about 8,800 municipal connections.
- City of Pomona: The City of Pomona's service area covers approximately 22.9 square miles encompassing the majority of the City of Pomona and portions of the Cities of La Verne, Claremont, and Chino Hills. In 2020, the City of Pomona served a population of approximately 153,988 through about 30,041 municipal connections.
- Golden State Water Company (Claremont and San Dimas systems): Golden State Water Company (Claremont system) provides water service to the City of Claremont, portions of the Cities of Montclair, Pomona, and Upland, and adjacent unincorporated areas of Los Angeles County, which encompasses approximately 9.2 square miles. The San Dimas system serves portions of the Cities of La Verne, Walnut, and Covina, and adjacent unincorporated areas of Los Angeles County, covering approximately 13.7 square miles. In 2020, Golden State Water Company served a population of approximately 36,713 through about 11,076 municipal connections in the Claremont system. In the San Dimas system, Golden State Water Company served a population of approximately 53,120 through about 16,033 municipal connections.
- Mount San Antonio College: Mount San Antonio College is one of three institutions that receives imported water from Three Valleys, located within the City of Walnut.
- Rowland Water District (RWD): RWD's water service area covers approximately 17.2 square miles encompassing portions of the Cities of Industry, La Puente, and West Covina, and unincorporated areas of Los Angeles County including Rowland Heights and Hacienda

Heights. In 2020, Rowland Water District served a population of approximately 59,283 through about 13,202 municipal connections.

- Suburban Water Systems: Suburban Water Systems has a service area of approximately 41.7 square miles encompassing the Cities of Glendora, Covina, West Covina, La Puente, Walnut, Whittier, La Mirada, La Habra, and Buena Park as well as sections of unincorporated Los Angeles County and Orange County. Suburban Water Systems' service area is currently divided into two main service areas: the San Jose Hills Service Area, and the Whittier/La Mirada Service Area. In 2020, Suburban Water Systems served a population of approximately 298,367 through about 42,512 municipal connections. This includes approximately 175,529 residents in the San Jose Hills service area and approximately 122,838 residents in the Whittier/La Mirada service area.
- Valencia Heights Water Company: Valencia Heights Water Company is a mutual water company serving portions of the City of West Covina and unincorporated areas of Los Angeles County. Valencia Heights Water Company serves less than 3,000 customers and does not supply more than 3,000 acre-feet (AF) of water annually and thus is not required to prepare a UWMP.
- Walnut Valley Water District (WVWD): WVWDs water service area covers approximately 29 square miles covering the City of Diamond Bar and portions of the Cities of Industry, Pomona, Walnut, and West Covina, as well as unincorporated areas of Los Angeles County including Rowland Heights. In 2020, Walnut Valley Water District served a population of approximately 99,956 through about 27,100 municipal connections.

2.3 Water Sources

An overview of the water sources used by each agency within Three Valleys' service area is shown in Table 2-2.This summary highlights the diversity of water supply portfolios among the water agencies in the region. As a result, each agency is impacted differently by drought, driving a need for regional solutions that are flexible and adaptable to different community needs.

Table 2-2. Current Three Valleys Member Agency Water Sources

Member Agency	Groundwater	Imported Water	Surface Water	Recycled Water
Boy Scouts of America		X		
Cal Poly Pomona	X	X		X
City of Covina[a]		X	X	
City of Glendora[a]	X	X	X	
City of La Verne	X	X		
City of Pomona	X	X	X	X
Golden State Water Company (Claremont)[a]	X	X		

Member Agency	Groundwater	Imported Water	Surface Water	Recycled Water
Golden State Water Company (San Dimas)[a]	X	X	X	
Mount San Antonio College		X		
Rowland Water District	X	X		X
Suburban Water Systems[a]	X	X	X	X
Valencia Heights Water Company[a]	X	X	X	X
Walnut Valley Water District	X	X		X

[a] Purchases water from Covina Irrigating Company (recently renamed Covina Valley Water Company), which produces water from local surface and groundwater sources and treats imported water from Three Valleys

Historical water supply data was provided by each member agency for the years 2015-2022. Table 2-3 shows the average annual water supply sources for each Three Valleys member agency for this period.

Table 2-3. Three Valleys Member Agencies Average Annual Water Supply Sources (2015-2022)

Agency	Groundwater (AF)	Imported Water (AF)	Purchased Water (AF)	Surface Water (AF)	Recycled Water (AF)	Total (AF)
Boy Scouts of America	0	20	0	0	0	20
Cal Poly Pomona	284	39	0	0	454	777
City of Covina	0	222	4,906	0	0	5,128
City of Glendora	9,732	635	0	14	0	10,381
City of La Verne	1,625	2,007	0	0	0	3,632
City of Pomona	12,777	4,309	0	1,740	1,881	20,707
Covina Valley Water Company (CVWC)	860	2,538	0	1,135	0	4,533
Golden State Water Company (Claremont)	4,159	5,316	0	0	0	9,475
Golden State Water Company (San Dimas)	1,777	8,043	0	0	0	9,821
Mount San Antonio College	0	154	0	0	0	154
Rowland Water District	1,226	9,046	0	0	795	11,067
Suburban Water Systems (San Jose)	13,056	5,374	0	0	682	19,112
Valencia Heights Water Company	298	65	0	288	11	662
Walnut Valley Water District	858	17,232	0	0	926	19,016
TOTAL	46,652	55,000	4,906	3,177	4,749	114,485

2.3.1 Imported Water

Three Valleys purchases both untreated and treated imported water from Metropolitan and supplies it to its member agencies. Three Valleys currently receives a Tier 1 water supply allotment from Metropolitan of 80,688 acre-feet per year (AF/year); from 2010-2020, Three Valleys imported an average of 64 TAF from Metropolitan, with annual imports ranging from 54-73 TAF.

Metropolitan imports water from the SWP which is owned and operated by the California Department of Water Resources (DWR) and conveys water from the Bay-Delta to Southern California via the California Aqueduct, and from the Colorado River through the Colorado River Aqueduct (CRA) which is owned and operated by Metropolitan. Generally, Metropolitan sources around 35 percent of its water from the SWP, with another 25 percent sourced from the Colorado River Aqueduct.

Three Valleys supplies treated imported water directly to its member agencies through service connections from the Metropolitan distribution system, but it does not provide water directly to retail customers. Untreated imported water is sent to Three Valleys' Miramar Water Treatment Plant for processing before being distributed to the member agencies. This untreated water is also used to replenish portions of the Six Basins and is delivered to the Main San Gabriel Basin (also referred to as Main Basin) to meet Replacement Water obligations specified in the Main Basin Judgment. Furthermore, Three Valleys obtains untreated imported water supplies from Metropolitan for delivery to the Covina Irrigating Company, which treats these deliveries at its William B. Temple Treatment Plant before supplying other member agencies within the Three Valleys' region.

During drought periods, water allocations from SWP are significantly reduced, leading to a greater proportion of Colorado River supplies in Metropolitan's supply mix. However, the Colorado River faces ongoing water quality issues, and in August 2021, the federal government declared a water shortage for the first time at one of the river's main reservoirs. Additionally, several of Three Valleys' member agencies are in SWP dependent areas, meaning they cannot receive Colorado River supplies from Metropolitan, and are solely dependent on imported water from the SWP.

Each year, Metropolitan member agencies communicate their anticipated water needs for the next five years, allowing Metropolitan to collaborate with them on forecasts for long-term future water supply. Total imported water use by Three Valleys member agencies amounts to approximately 51 percent of the region's total water supply portfolio.

2.3.2 Groundwater

The region also uses local groundwater from four different groundwater basins including the Six Basins, Chino Basin, Main San Gabriel Basin, and Spadra Basin. However, Three Valleys only has water storage accounts in the Six Basins, the Main San Gabriel Basin, and Chino Basin. Table 2-4 shows Three Valleys operational water storage accounts.

Table 2-4. Three Valleys Operational Storage Accounts

Storage System	Type	Three Valleys Storage Capacity (AF)	Three Valleys - Pomona Agreement**
Six Basins	Groundwater basin	3,500	
Main San Gabriel Basin	Groundwater basin	50,000	
Chino Basin	Groundwater basin		1,390

[a] PBWA has a storage and export agreement with the Main San Gabriel Basin for 30,000 AF
**Chino Basin Three Valleys storage through Pomona is a one-time agreement

Three basins (Six Basins, Chino Basin, and Main San Gabriel Basin) are adjudicated groundwater basins; therefore, they are exempt from the requirement to designate a Groundwater Sustainability Agency (GSA) as mandated by the Sustainable Groundwater Management Act (SGMA). These basins are managed by their respective Watermasters to manage the ownership of water rights and water use with goals similar to that of SGMA. The Spadra Basin is a small, non-adjudicated subbasin of the San Gabriel Valley Basin, designated as a 'very low-priority' basin by DWR. However, the Walnut Valley Water District and the City of Pomona collectively formed the Spadra Basin GSA to manage the basin. Total groundwater use by Three Valleys member agencies amounts to approximately 35 percent of the region's total water supply portfolio.

According to the State Water Resources Control Board's Groundwater Ambient Monitoring and Assessment (GAMA) Program, groundwater from these basins has exhibited Maximum Contaminant Level (MCL) exceedances for numerous constituents, including 1,2,3-Trichloropropane (1,2,3-TCP), Hexavalent Chromium, Arsenic, 1,2-Dibromo-3-chloropropane (DBCP), Perchlorate, Tetrachloroethene (PCE), Trichloroethene (TCE), Total Dissolved Solids (TDS), and Uranium. To remove these contaminants, agencies use a combination of blending and wellhead treatment, both of which are resulting in a greater reliance on imported water.

2.3.3 Recycled Water

Three Valleys does not directly use or have access to recycled water. However, several member agencies in the region use recycled water to meet non-potable demands; Table 2-5 lists these member agencies.

Table 2-5. Average Annual Three Valleys Member Agency Water Use (2015-2022)

Member Agency	Recycled Water Use (AF)
Cal Poly Pomona	454
City of Pomona	1,881
Rowland Water District	795
Suburban Water Systems	682
Valencia Heights Water Company	11
Walnut Valley Water District	926

Recycled water sources in the region are primarily from the Pomona Water Reclamation Plant and San Jose Creek Water Reclamation Plant, both owned and operated by the Los Angeles County Sanitation District. Total recycled water use by Three Valleys member agencies amounts to approximately 6 percent of the region's total water supply portfolio.

2.3.4 Surface Water

Three Valleys does not use self-supplied surface water sources to meet regional water demands. However, the District purchases San Antonio Creek surface water supplies from the City of Pomona to replenish the Six Basins. Several Three Valleys member agencies use surface water to meet potable demands; the City of Pomona, for example, sources local surface water from San Antonio Creek, which is then purchased by Three Valleys to replenish the Six Basins. Additionally, some member agencies obtain surface water from the Covina Irrigating Company, which treats water from the San Gabriel River. Total surface water use by Three Valleys member agencies amounts to approximately 7 percent of the region's total water supply portfolio.

3 Water System Reliability

This section describes the existing and projected water demands in Three Valleys service area, both regionally as well as by member agency, and describes a vulnerability assessment developed by Three Valleys to assess the potential risk to water delivery reliability posed by projected climate change in the region.

3.1 Existing Water Demand

Total water demands in the Three Valleys service area has varied significantly during recent years, particularly during the five consecutive year drought from fiscal year (FY) 2011-12 to FY 2015-16. Total Three Valleys water demand for 2020 was aggregated from the latest available member agency UWMPs and is shown in Table 3-1. These demand estimates are much higher than the actual water use baseline. The combination of conservation measures and water use restrictions that has been imposed for most of the past 15 years due to recurring regional droughts has likely contributed to actual water use being lower than estimated water demand. However, the data from member agency UWMPs is still useful for understanding the distribution of water demand by use types.

Table 3-1. 2020 Distribution of Water Demand for the Three Valleys Service Area

Use Type	Demand (AF/year)	Contribution to Demand (%)
Single-Family Residential	69,639	51.6%
Commercial	18,822	14.0%
Other	11,712	8.7%
Multi-Family Residential	10,233	7.6%
Losses	5,726	4.2%
Recycled Water Demand	6,463	4.8%
Institutional	6,026	4.5%
Landscape & Agriculture	4,789	3.6%
Industrial	1,434	1.1%
Total Demand from Member Agencies	**134,844**	**100%**

AF = acre-feet

Source: Data aggregated from member agencies' 2020 UWMPs

3.2 Projected Water Demand

Three Valleys member agencies projected demands are provided in Table 3-2. Projected demand data by water source was provided by member agencies in five-year increments (starting at 2025 through 2045). The projected demands listed in Table 3-2 were calculated by taking the average of all projected demands provided by each agency for 2025-2045.

Table 3-2. Three Valleys Member Agencies Projected Average Annual Water Supply Sources (2025-2045)

Agency	Groundwater (AF)	Imported Water (AF)	Purchased Water (AF)	Surface Water (AF)	Recycled Water (AF)	Total (AF)
Boy Scouts of America	0	35	0	0	0	35
Cal Poly Pomona	956	60	0	0	1,430	2,446
City of Covina	0	200	5,465	0	0	5,665
City of Glendora	10,450	771	0	0	0	11,221
City of La Verne	2,895	10,890	0	0	0	13,785
City of Pomona	16,040	6,000	0	2,000	2,350	26,390
Covina Irrigating Company (CIC)*	2,293	6,768	0	3,026	0	12,087
Golden State Water Company (Claremont)	5,205	5,596	0	0	0	10,801
Golden State Water Company (San Dimas)	3,000	7,340	0	0	0	10,340
Mount San Antonio College	0	536	0	0	0	536
Rowland Water District	4,700	7,542	0	0	940	13,182
Suburban Water Systems (San Jose)	16,715	6,023	0	0	700	23,438
Valencia Heights Water Company	795	100	0	850	30	1,775
Walnut Valley Water District	5,521	13,986	0	0	2,180	21,687
TOTAL	68,570	65,847	5,465	5,876	7,630	153,388

*CIC receives and treats imported water from Three Valleys. CIC also produces water from local and groundwater sources. CIC was recently acquired by Valencia Heights Water Company and rebranded as Covina Valley Water Company.

3.3 Climate Change Vulnerability

Three Valleys developed a Climate Change Vulnerability Assessment as part of the preparation of their WRMP and DCP to enhance their understanding of the impacts of climate change on future water demand in Three Valleys wholesale service area and the sources of Three Valleys water supplies (Three Valleys 2024). The Assessment analyzed projected changes in future water supplies and water demand during a normal year, single dry and wet years, and multi-year (5-year) dry and wet periods over the next 20 years, using climate projections developed for the water resources planning by DWR. The analysis of future climate impacts on water supplies and demands included three potential future climate conditions: drier future conditions with extreme warming; median future conditions; and wetter future conditions with moderate warming.

Results from this climate modeling show minor decreases in average annual water supplies from the San Gabriel River basin during drought (single year and multi-year) years relative to baseline conditions due to shifts in precipitation from winter to fall and projected increases in surface water evaporation caused by increasing temperatures, particularly under the extreme warming climate scenario. Modeling results also projected a shorter rainy season with potential for higher intensity precipitation events resulting in higher peak flows of shorter duration.

In terms of water demand, climate modeling results projected increases in outdoor water uses under normal, single dry, and multi-year drought conditions, caused by projected temperature increases. This leads to higher evapotranspiration (ET) rates for landscaping, irrigated crops, and native vegetation. Average annual outdoor water use by customers within the Three Valleys service area could increase by up to six percent under the most severe (Dry Hot) climate change scenario.

A comparison of Three Valleys and Metropolitan's water budget projections under future climate conditions shows similar total demand projections, with Three Valleys showing increased reliance on imported surface water (supplied by Metropolitan) in its future projections. This increased reliance in Three Valleys projections occurs because local water supplies are projected to remain nearly constant while water demand increases due to future growth and increased climate-related water deficits. This highlights the need to develop mitigation actions to reduce future reliance on imported surface water.

Table 3-3 through Table 3-5 display the projected Three Valleys service area water budgets under the three modeled potential future climate conditions. The projected budgets show that between 2020 and 2045, imported water supply requirements will increase by 15.4 thousand acre-feet per year (TAF/year) under drier - extreme warming future conditions, 13.3 TAF/year under median future climate conditions, and 7.8 TAF/year if future conditions are wetter with moderate warming.

Table 3-3. Three Valleys Service Area Water Budget – Drier Future with Extreme Warming

Source (AF/year)	2018-2022	2025	2030	2035	2040	2045
Total Demand	113,651	120,346	121,219	123,062	125,472	128,004
Groundwater	38,316	38,282	38,234	37,895	37,551	37,202
Surface Water	4,760	4,741	4,718	4,579	4,440	4,301
Recycled Water	5,619	5,929	5,953	6,000	6,073	6,151
Total Local Supply	48,694	48,952	48,905	48,473	48,063	47,655
Net Imported Water Supply Required	64,957	71,394	72,314	74,589	77,409	80,349

Table 3-4. Three Valleys Service Area Water Budget – Median Future Climate Conditions

Source (AF/year)	2018-2022	2025	2030	2035	2040	2045
Total Demand	113,651	120,346	121,219	122,590	124,513	126,557
Groundwater	38,316	38,282	38,234	38,007	37,763	37,535
Surface Water	4,760	4,741	4,718	4,698	4,678	4,658
Recycled Water	5,619	5,929	5,953	6,000	6,073	6,151
Total Local Supply	48,694	48,952	48,905	48,705	48,514	48,345
Net Imported Water Supply Required	64,957	71,394	72,314	73,885	75,999	78,212

Table 3-5. Three Valleys Service Area Water Budget – Wetter Future with Moderate Warming

Source (AF/year)	2018-2022	2025	2030	2035	2040	2045
Total Demand	113,651	120,346	121,219	122,220	123,723	125,376
Groundwater	38,316	38,282	38,234	39,101	39,983	40,837
Surface Water	4,760	4,741	4,718	5,012	5,304	5,598
Recycled Water	5,619	5,929	5,953	6,000	6,073	6,151
Total Local Supply	48,694	48,952	48,905	50,113	51,360	52,587
Net Imported Water Supply Required	64,957	71,394	72,314	72,107	72,362	72,790

3.4 Dependence on Imported Water

Based on the historical water use for each of Three Valleys' member agencies from 2015 to 2022, almost all of Three Valleys' member agencies rely on imported water as a major supply source. Imported water constitutes the largest portion of the region's supply, accounting for about 51 percent of the total from 2015 to 2022 (Figure 3-1).

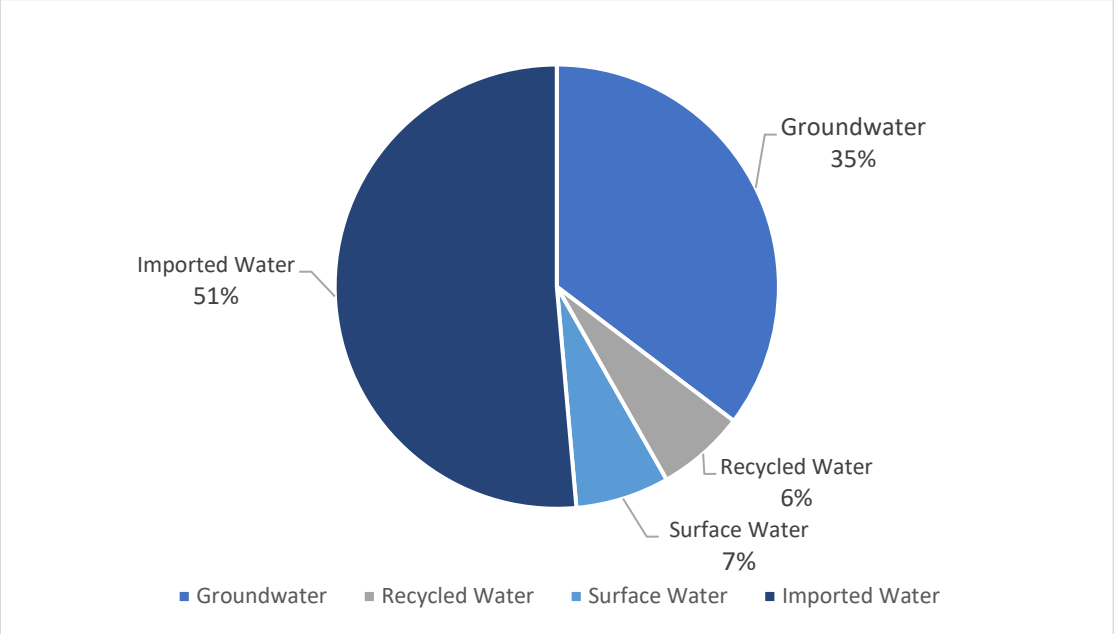

Figure 3-1. current dependency Water Use by Source

Table 3-6 presents Three Valleys member agencies dependencies on imported water – relative to their total supply of water – under normal, drought, and future conditions. Using historical data provided by member agencies for 2015-2022 and projected data through 2045, imported water dependency was first calculated under the latest available hydrologic conditions (2015-2022). Over half of the member agencies are at least 50 percent dependent on imported water for their total supply portfolio in these recent years.

Next, imported water dependency was calculated for each member agency looking at the worst drought available in these records (2022). Dependence on imported water supplies increases during drought, with eight member agencies being at least 65 percent dependent on imported water during this drought.

Finally, imported water dependency was calculated for projected supply portfolios in 2045. Similar to recent years, over half of the member agencies are at least 50 percent dependent on imported water in 2045 according to their projections.

Much like the findings of the Climate Change Vulnerability Assessment described in the previous Section, the imported water data and projections from Three Valley member agencies highlight the need to develop regional actions or project portfolios to help reduce dependence on imported supplies and secure more reliable water sources for the region.

Table 3-6. Three Valleys Member Agencies Dependence on Imported Water (IW)

Agency	Dependency on IW (2015-2022)	Dependency on IW during Drought	Dependency on IW (2045)
Boy Scouts of America	100%	100%	100%
Cal Poly Pomona	5%	6%	2%
City of Covina	4%	18%	3%
City of Glendora	6%	25%	7%
City of La Verne	55%	79%	79%
City of Pomona	21%	30%	21%
Covina Irrigating Company	56%	65%	56%
Golden State Water Company (Claremont)	56%	65%	52%
Golden State Water Company (San Dimas)	82%	87%	71%
Mount San Antonio College	100%	100%	100%
Rowland Water District	82%	88%	56%
Suburban Water Systems (San Jose)	28%	75%	26%
Valencia Heights Water Company	10%	29%	6%
Walnut Valley Water District	91%	88%	65%

4 Mitigation Projects Development and System Performance Evaluation

As described in Section 3.3, the Climate Change Vulnerability Analysis conducted by Three Valleys showed an increasing reliance on imported surface water (supplied by Metropolitan) in its future projections, highlighting the need to develop mitigation actions to reduce future reliance on imported surface water. In response to these findings, Three Valleys worked with their member agencies to compile a suite of projects designed towards the goal of increasing regional water supply planning and operational flexibility and resiliency[1]. This suite of mitigation projects includes projects that are in various stages of implementation, including pre-planning, planning, design, and construction. Many of these mitigation projects are consistent with existing planning programs and processes of the various regional stakeholders, such as Three Valleys' Capital Improvement Plan.

This section describes the process of identifying and developing the suite of mitigation projects as well as initial analyses of those projects' proposed benefits relative to existing system performance in four infrastructure categories: water supply storage, conveyance pipelines, wells, and water quality treatment.

4.1 Mitigation Projects Development

In June 2024, Three Valleys sent invitations to its member agencies and regional stakeholders to schedule meetings to discuss potential mitigation projects. Organizations received a project information sheet tailored to their agency. In July 2024, Three Valleys conducted individual meetings with the agencies to review, confirm, and update the mitigation projects.

The project information form asked each organization to assess whether and to what degree their submitted mitigation project(s) have the potential to enhance regional water supply reliability. Relevant features that could contribute to improving water supply reliability include infrastructure such as pipelines and pump stations; reduced reliance on imported water supplies; treatment of groundwater contaminants like per- and polyfluoroalkyl substances (PFAs) or contaminants of emerging concern (CECs); and system enhancements or repairs to storage facilities or other components.

Additionally, each organization was asked to provide as many key identifiers as possible for each mitigation project, including, but not limited to, the following:

- Project stage (conceptual, feasibility, design, construction)
- Implementation timeline/schedule (years)
- Estimated costs (capital and annual)
- Estimated annual water savings or supplemental supplies created

[1] As described in Section 1.2, Three Valleys has been developing a Regional DCP in parallel with the development of this WRMP. As part of the development of the DCP, Reclamation requires identification and description of actions that mitigate the impacts of drought and enhance regional resiliency. Pursuant to this requirement, Three Valleys has compiled a suite of Mitigation Actions; these Mitigation Actions will be referred to as mitigation projects in this WRMP.

4.1.1 Mitigation Projects Identified

Three Valleys held a workshop in August 2024 where the submitted mitigation projects were presented and discussed amongst member agencies and regional stakeholders. The workshop aimed to address gaps in the requested mitigation project data as well as to solicit additional feedback on the submitted projects. From the data collected and the input received during the workshop, a total of 54 projects, programs, and strategies were identified (Figure 4-1). A full list of the submitted mitigation projects and their descriptions (where available) are provided in Appendix A – List of Mitigation Projects.

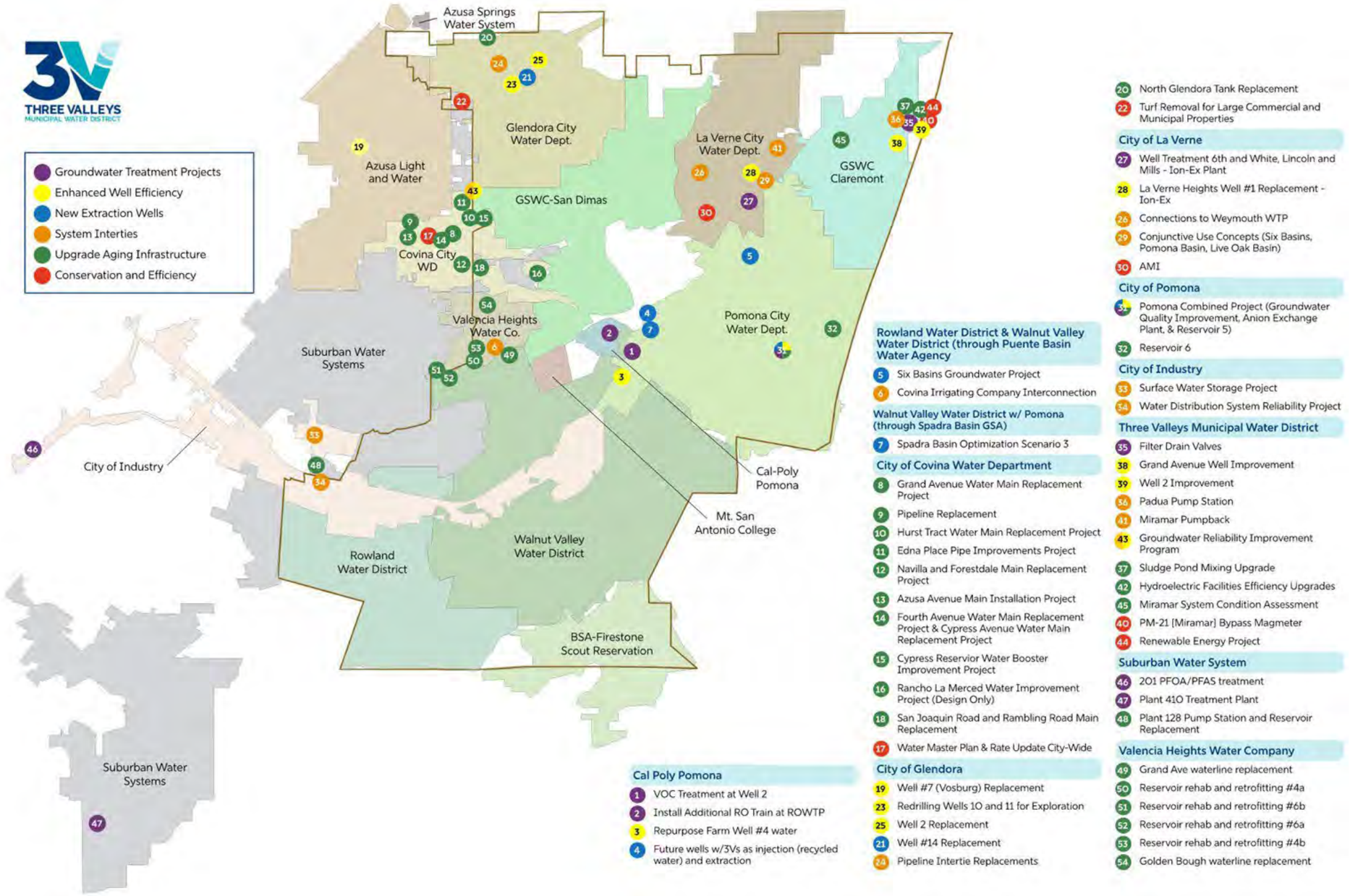

Figure 4-1. Potential Suite of Mitigation Projects Identified by Member Agencies and Regional Stakeholders

Note:

1. GSWC = Golden State Water Company, BSA = Boy Scouts of America
2. Project #44 is included to account for all proposed mitigation actions. However, upon further review with Three Valleys, it was determined that Project #44 does not qualify as a drought mitigation action.

4.1.2 Conservation Measures

Mitigation actions such as water conservation can also reduce future water supply deficits. Recent legislation such as SB 1157 requires urban retail water suppliers in California to implement water conservation measures which will reduce overall water use. Water conservation targets required by state regulations include the following indoor residential water use targets:

- 55 gallons per capita daily prior to January 1, 2025,
- 47 gallons per capita daily from January 1, 2025, to January 1, 2030,
- 42 gallons per capita daily beginning to January 1, 2030.

Table 4-1 shows how much water conservations saving would be realized if member agencies meet pre-2025, 2025 to 2030, and post-2030 indoor water use targets. The numbers in red show potential future water savings that would be achieved if member agencies reduced the water use to below the target. Total conservation savings are only aggregated from member agencies which have not yet met the indoor water use targets. Existing water saving from member agencies which have already met the water conservation targets are shown in black.

Table 4-1: Water Conservation Targets and Savings

Agency	Savings if Current 55 GPCD Target is Met (AF)	Projected 2025 Savings if 47 GPCD Target is Met (AF)	Projected 2030 Savings if 42 GPCD target is Met (AF)
Glendora	-1,854	-2,326	-2,621
La Verne	171	-97	-231
Pomona	1,015	-226	-817
GSWC Claremont	2,531	2,193	2,002
GSWC San Dimas	1,194	693	387
Rowland	168	-313	-602
Suburban	2,341	805	-99
Walnut	173	-701	-1,208
Conservation Savings	-1,854	-3,663	-5,578

Based on this analysis, total water use in the region would be reduced by an additional 5.6 TAF/year if all Three Valleys member agencies meet the state's 2030 water conservation target. Achieving this conservation reduction would reduce the overall future water supply deficit from 15 TAF/year to about 10 TAF/year.

The state has also passed AB 1572 which includes bans on the use of potable water for irrigation of nonfunctional turf with potable water on institutional properties including public agencies, commercial and industrial properties, common areas of properties of homeowners' associations, community organizations, and public water systems. The full impact of the legislation on total water in the region cannot be easily determined at this time because of the gradual phasing-in of irrigation prohibitions

for different land use types. As with other conservation measures, total savings will depend on levels of compliance achieved.

4.2 System Performance Evaluation

The following sections describe the initial analyses of the identified mitigation projects' proposed benefits relative to existing system performance in four infrastructure categories: water supply storage, conveyance pipelines, wells, and water quality treatment.

4.2.1 Storage Capacity

As described in Section 2.3.2, Three Valleys' water supply sources include: groundwater pumped from Six Basins; untreated, imported surface water purchased from Metropolitan for use at Three Valleys' treatment plant; and treated imported surface water purchased from Metropolitan. Three Valleys' main source of water supply is imported water from Metropolitan.

At of the end of 2023, Three Valleys had approximately 1,150 AF stored in the Main San Gabriel Basin (which is projected to increase to 10,000 AF by the end of 2024). The highest volume of water stored by Three Valleys in the Main San Gabriel Basin was 24,000 AF in 2019. Three Valleys also had 3,300 AF stored in the Six Basins groundwater basin in 2023, projected to decrease to 2,500 AF for 2024, and approximately 1,390 Fheld in a storage account in the Chino groundwater basin by City of Pomona (2024). By end of 2024, Three Valleys is projected to have approximately 14 TAF in storage compared to its current storage capacity amongst the basins of 54,890 AF. The availability of water and the groundwater spreading facility availability limits the ability for Three Valleys to fully utilize its groundwater storage programs.

System Storage Facilities Analysis

Additional investment in water storage infrastructure is needed to ensure that all member agencies have access to storage facilities. In addition, the region seeks to enhance water supply reliability by maximizing use of its full storage capacity (of approximately 55 TAF), which is currently about a year's worth of imported water supply.

Table 4-2 shows proposed and conceptual mitigation projects from Three Valleys – and their member agencies – that could increase Three Valleys' storage capacity and/or improve the reliability of their current storage systems. These mitigation projects are summarized and described in more detail in Section 5.

Table 4-2. Proposed Projects to Enhance Storage Capacity

Project	Proponent	Increase in Storage Capacity (AF)
Surface Water Storage Project	City of Industry	n/a
Spadra Basin Optimization Scenario 3	Walnut Valley Water District with Pomona (through Spadra Basin GSA)	3,500
	TOTAL	3,500+

4.2.2 Pipelines

As a water wholesaler, Three Valleys relies on a network of pipelines to deliver water to retail agencies. In addition, Three Valleys connects to neighboring pipelines for added flexibility. For instance, in the spring of 2015, Three Valleys was able to connect to the City of Pomona's Canon pipeline that conveys water from San Antonio Creek to the City of Pomona's Pedley Filtration Plant located in the City of Claremont to the direct surface water to San Antonio Spreading Grounds that benefit the Three Valleys' groundwater wells located in the Six Basins.

System Pipeline Facilities Analysis

A full asset condition survey has not been conducted for the Three Valleys water system. However, many pipelines and associated infrastructure within the system are approaching or even past their planned service life of approximately 50 years. This is particularly true for infrastructure constructed soon after the agency was established nearly 75 years ago. In addition, operational constraints in the conveyance system limit full utilization of water supply and storage capabilities. For example, Three Valleys has capacity to store 50,000 AF in the Main San Gabriel Basin but currently only has turnout capacity to import 5,000 to 6,000 AF/year from Metropolitan. Three Valleys developed a conceptual project which was tested in the fall of 2024 which provided an additional recharge capacity of 30 cubic feet per second. The facility would be able to recharge approximately 10,000 AF if operated continuously for six months without interruptions for basin maintenance or other facility limitations.

Table 4-3 shows proposed and conceptual mitigation projects from Three Valleys – and their member agencies – that could improve the reliability of their current pipeline systems. These mitigation projects are summarized and described in more detail in Section 5.

Table 4-3. Proposed Projects to Enhance Pipeline Reliability

Project	Proponent
Miramar System Condition Assessment	Three Valleys Municipal Water District
Covina Irrigating Company Interconnection	Rowland Water District & Walnut Valley Water District (through Puente Basin Water Agency)
Water Loss Reduction through Pipeline Replacement	City of Covina Water Department
Pipeline Intertie Replacements	City of Glendora

4.2.3 Wells

The number of active wells in the Three Valleys' region is estimated at between 40 and 50 based on the annual groundwater extraction of approximately 46,652 AF/year and an estimated yield of 800 gallons per minute (gpm) per well operating approximately 80 percent of the time. Some functioning wells are less efficient to operate as they approach the end of their planned service life. In addition, the region also has several wells which are no longer in use because of malfunctioning infrastructure or water quality conditions.

There is currently no comprehensive study on the state of wells in the region. However, anecdotal information from member agencies indicates that additional investment in new wells, groundwater treatment and rehabilitation projects is required to maintain or even increase total well extraction capacity in the region over the next few years.

System Wells Facilities Analysis

Table 4-4 shows well projects proposed by Three Valleys and member agencies to increase the total extraction capacity and improve the reliability of current wells. These mitigation projects are summarized and described in more detail in Section 5.

Table 4-4. Proposed Projects to Enhance Reliability of Well Extraction Capacity

Project	Proponent	Estimated Increase in Extraction Capacity (AF)
Grand Avenue Well Improvement	Three Valleys	n/a
Well #2 Improvement	Three Valleys	n/a
Groundwater Reliability Improvement Project	Three Valleys	9,000
Repurpose Farm Well #4 Water	Cal Poly Pomona	600
Future Wells as Injection (Recycled Water) and Extraction - 2 sites	Cal Poly Pomona (with Three Valleys, City of Pomona)	1,200
Six Basins Groundwater Project	Rowland Water District & Walnut Valley Water District (through Puente Basin Water Agency)	1,500
Spadra Basin Optimization Scenario 3	Walnut Valley Water District with Pomona (through Spadra Basin GSA)	2,994
Well #2 Replacement	City of Glendora	n/a
Well #7 Replacement	City of Glendora	n/a
Well #14 Replacement	City of Glendora	2,000
Redrilling Wells #10, #11 for Exploration	City of Glendora	n/a
La Verne Heights Well #1 Replacement	City of La Verne	n/a
	TOTAL	17,294+

4.2.4 Water Quality Treatment Infrastructure

Three Valleys obtains untreated, imported water supplies from Metropolitan for treatment at the District's Miramar Water Treatment Plant. In addition, Three Valleys produces groundwater from three wells located in the Six Basins which are also treated at the Miramar Water Treatment Plant.

System Treatment Infrastructure Facilities Analysis

The total treatment capacity currently operated by Three Valleys and their member agencies is unknown. However, member agencies have identified 8 water treatment projects. If implemented, the projects would enhance the region's treatment capacity by over 9,500 AF/year

Table 4-5 shows proposed and conceptual mitigation projects from Three Valleys – and their member agencies – that could improve the reliability of their water treatment infrastructure and systems. These mitigation projects are summarized and described in more detail in Section 5.

Table 4-5. Proposed Projects to Enhance Water Treatment Infrastructure Reliability

Project	Proponent	Increase in Usable Supply (AF)
Filter Drain Valves	Three Valleys	n/a
Sludge Pond Mixing Upgrade	Three Valleys	n/a
Volatile Organic Compounds (VOC) Treatment at Well #2	Cal Poly Pomona	460
Install Additional Reverse osmosis (RO) Train at Cal Poly Pomona Water Treatment Plant	Cal Poly Pomona	275
Well Treatment	City of La Verne	3,500
City of Pomona Combined Project (Groundwater Quality Improvement, Anion Exchange Plant)	City of Pomona	5,300
201 PFOA/PFAS Treatment	Suburban Water System	n/a
Plant 410 Treatment Plant	Suburban Water System	n/a
	TOTAL	9,535+

4.3 Summary of Infrastructure Need

As described in the previous sections, Three Valleys has a need for additional infrastructure investment across all infrastructure categories analyzed. Investments in mitigation projects identified as part of this process will support Three Valleys' goals of increasing local water supply reliability and reducing dependency on imported water supply.

Table 4-6 shows estimated Three Valleys and member agency project benefits relative to their respective infrastructure needs. It should be noted that the project water supply yields listed in this table were submitted by the respective project proponents as part of the mitigation project development (see Section 4.1); not every project submitted had a yield associated with the project as part of these project proponent submittals. Therefore, the yield and project costs listed in this table were only calculated for projects that included an estimated yield.

Table 4-6. Summary of Proposed Project Benefits Relative to Infrastructure Needs

Category (Number of Projects)	Total Project Yield (AF)	Project Yield Cost ($/AF)	
		Group Range	Group Average
Integrated Storage and Wells (1)	2,994	--	$53,616
Pipelines (2)	2,200	$2,000-$17,000	$3,465
Wells (5)	14,300	$300-$15,000	$10,735
Treatment (4)	9,535	$1,000-$3,000	$1,841
TOTAL	29,029	$300-$17,000	$11,685

5 Mitigation Projects Analysis

As described in the previous Section, Three Valleys and its member agencies, together with other regional stakeholders, identified 54 projects, programs, and strategies designed towards the goal of increasing regional water supply planning and operational flexibility and resiliency. Of those, 26 projects included new infrastructure and/or updates to existing infrastructure; these 26 projects were sorted into four infrastructure categories, described in the previous Section.

Numerous factors have the potential to impact implementation of these mitigation projects, such as funding availability, regulatory requirements, implementation complexities, and strategic planning priorities that are unique to each regional stakeholder. The following sections describe several of these factors: project cost, project implementation schedule, and probability of project's implementation. A summary of funding opportunities for regional and/or local projects is also presented.

5.1 Cost

Table 5-1 and Figure 5-1 present summaries of proposed regional infrastructure project estimated construction costs. The estimated total cost of the 26 proposed projects is over $660 million. Note that the projects included in these summaries include all 26 infrastructure projects described above, not just the infrastructure projects that were submitted with estimated water supply yields as presented in Section 4.3 and Table 4-5.

Table 5-1. Summary of Proposed Infrastructure Project Estimated Construction Costs

Type of Project	Number of Projects	Estimated Average Cost ($)	Estimated Total Cost ($)
Storage	2	$88M	$176M
Pipelines	4	$3M	$12M
Wells	12	$27.3M	$327M
Treatment	8	$6.5M	$52M
		TOTAL	$667M

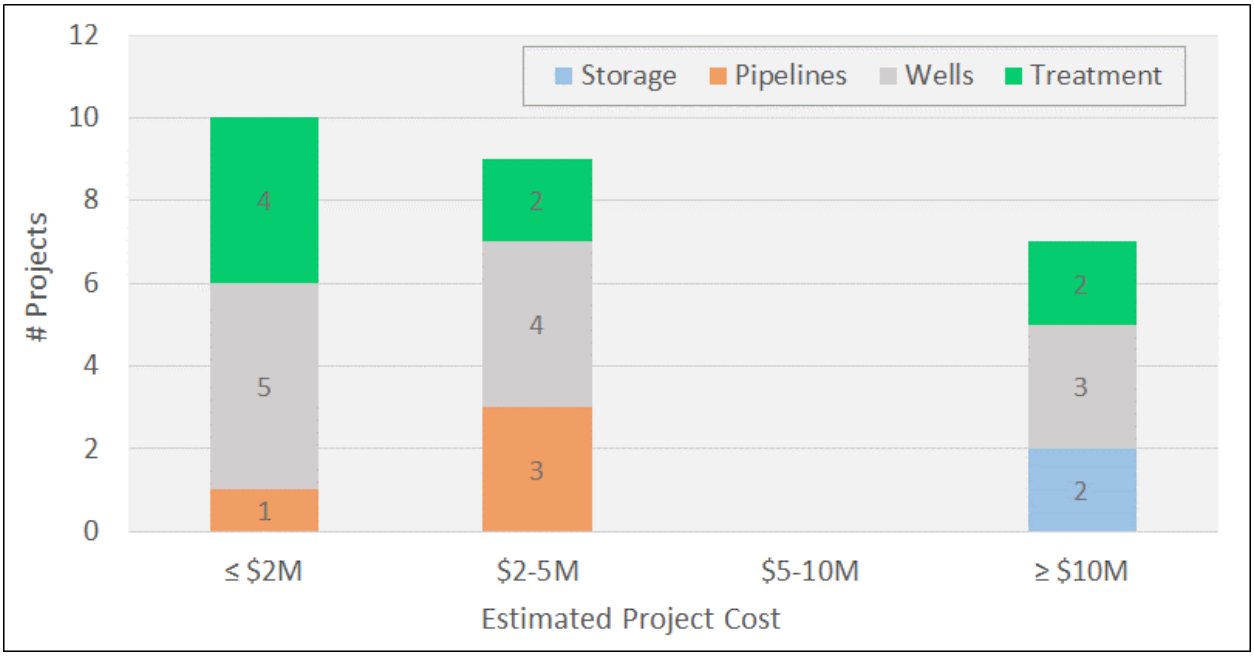

Figure 5-1. Grouped Summaries of Proposed Infrastructure Project Costs

Key Observations:

- Storage projects are relatively expensive in terms of total cost and cost per acre-foot. However, these projects can greatly improve water supply reliability and reduce dependence on imported water during periods of drought.
- Treatment and Wells projects are the most common type of proposed projects. They are also the most cost-effective source of supply in terms of cost per acre-foot. The amount of supply available from these projects is limited by availability of water rights.
- All Pipeline projects proposed are less than $5M. While they do not generate any new supplies, pipeline projects enhance water supply reliability and provide additional operational flexibility.

5.2 Schedule

Table 5-2 and Figure 5-2 present summaries of proposed regional infrastructure estimated project implementation schedules. Note that the projects included in these summaries include all 26 infrastructure projects described above, not just the infrastructure projects that were submitted with estimated water supply yields as presented in Section 4.3 and Table 4-5.

Table 5-2. Summary of Proposed Infrastructure Project Implementation Schedules

Type of Project	Number of Projects	Estimated Construction Schedule
Storage	2	6 yrs
Pipelines	4	3.4 yrs
Wells	12	4.1 yrs
Treatment	8	3 yrs

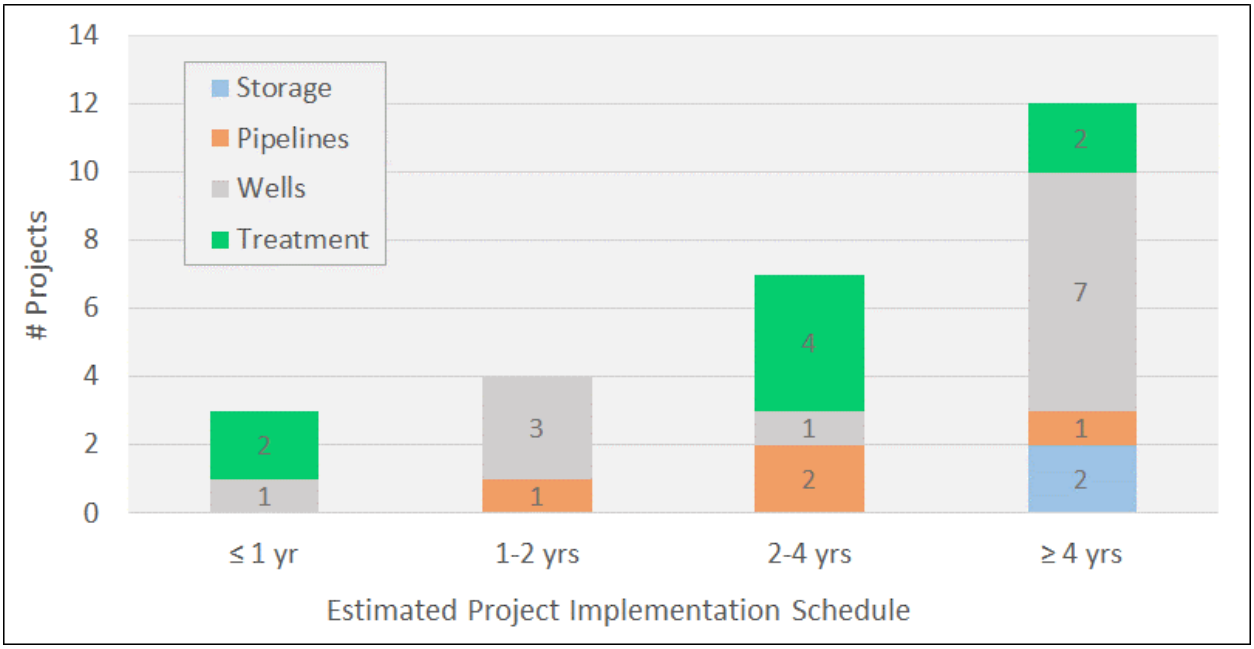

Figure 5-2. Grouped Summaries of Proposed Infrastructure Project Implementation Schedules

Key Observations:

- Most of the proposed projects have implementation schedules of greater than 4 years. These projects typically require external funding and collaboration from multiples agencies for implementation.
- However, there are 7 projects in three categories (wells, treatment, and pipelines) that are estimated to be completed in less than two years. These are typically projects that can be implemented by individual agencies as part of local capital improvement plans.
- Storage projects typically fall within the class of longer-range implementation projects which require external funding and regional partnerships.

5.3 Implementation

Table 5-3 and Figure 5-3 present summaries of proposed regional infrastructure project implementation probabilities. Note that the projects included in these summaries include all 26 infrastructure projects described above, not just the infrastructure projects that were submitted with estimated water supply yields as presented in Section 4.3 and Table 4-5.

Table 5-3. Summary of Proposed Infrastructure Project Implementation Probabilities

Type of Project	Number of Projects	Average Implementation Probability
Storage	2	20%
Pipelines	4	40%
Wells	12	52%
Treatment	8	68%

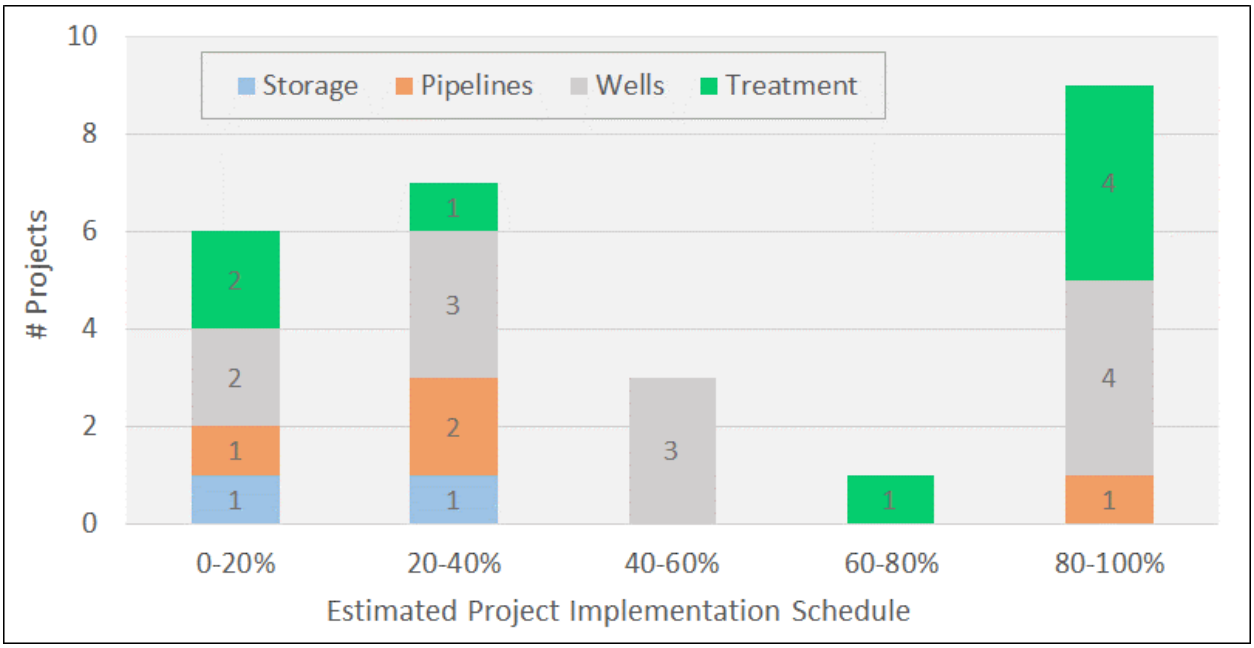

Figure 5-3. Grouped Summaries of Infrastructure Project Implementation Probabilities

Key Observations:

- Approximately half of Treatment and Wells projects are viewed as highly likely to be implemented.
- Storage projects and other infrastructure projects requiring regional partnerships and external funding are viewed as less likely (less than 40% probability) to be implemented.

5.4 Funding Opportunities

Implementation of these regional projects most cost effective with funding from a combination of local, state and federal sources. Federal funding sources have been identified from the Federal Emergency Management Agency (FEMA) and the U.S. Bureau of Reclamation (USBR). State funding has been identified from the State Water Resources Control Board. Additional state funding programs are expected to become available in coming years following the passage in November 2024 of the statewide Proposition 4 ballot measure which authorizes bonds for safe drinking water, wildfire prevention, and protecting communities and natural lands from climate risks.

In general, there are currently several grant programs which could fund treatment and storage infrastructure projects. There are fewer grant programs that are well suited for well and pipeline infrastructure projects. The list of potential grant opportunities which could fund implementation of regional projects in the Three Valley service area are presented in Table 5-4.

Table 5-4. Potential Funding Opportunities for Project Implementation

Organization	Program Name	Type(s) of Projects Funded				Priorities	Timeline(s)	Funding Available ($)		Cost Share / Funding Match
		Storage	Pipelines	Wells	Treatment			Total Funding	Funding / Project	
FEMA	Building Resilient Infrastructure and Communities (BRIC)	x	x	x	x	Research-supported, proactive investment in community resilience	Ongoing ("once the funding opportunity is published, the application period for the BRIC funding cycle will open in the fall and close in early winter")	$800M+	$200K - $12M+[a]	75% federal 25% non-federal
Bureau of Reclamation (USBR)	WaterSmart	x	x	x	x	Water and Energy Efficient Grants	First round of applications has been submitted Second round of applications are due Nov 13, 2024	approx. $50M	Up to $500K: projects completed within two years Up to $5M: projects completed within three years	50% federal 50% non-federal
		x	x	x	x	Drought Response Program - Drought Resiliency	FY25 funding applications received by Oct 7, 2024, are currently under review	up to $40M	Up to $750K: projects completed within two years Up to $3M: projects completed within three years	50% federal 50% non-federal
			x			Small-Scale Water Efficiency Grants	FY25 funding applications received by Oct 7, 2024, are currently under review	approx. $12M	Up to $125K: projects completed within two years Total project costs cannot exceed $250K	50% federal 50% non-federal
					x	Water Recycling and Desalination	FY25 Funding Opportunity expected Dec 2024 Applications due Mar 2025	approx. $30M	n/a	50% federal 50% non-federal
State Water Resources Control Board (SWRCB)	General Drought Funding	x				Projects that address either drought-related urgent drinking water needs or long-term resilience	Next round of applications due Feb 28, 2025	n/a		
	Water Recycling Funding Program				x	Water recycling projects that offset or augment state or local fresh water supplies and water recycling research	Ongoing	approx. $153M[b]	n/a	50% state 50% non-state
	Drinking Water State Revolving Fund (DWSRF)	x	x	x	x	Infrastructure improvements to correct system deficiencies and improve drinking water quality for the health, safety, and welfare of all Californians	Revolving	approx. $220-375M	Low-interest loans, additional subsidy (principal forgiveness), and technical assistance to public water systems	
	Clean Water State Revolving Fund (CWSRF)	x			x	Projects that help protect and improve water quality	Revolving	approx. $600M	Low-interest loans, additional subsidy (principal forgiveness), and technical assistance to public water systems	

[a] Project type-specific funding varies based on type of project being funded (mitigation projects, capability and capacity building activities, management costs, direct technical assistance); for more detailed information, see BRIC website

[b] Total represents sum of funding from multiple sources (Prop 1, Prop 13, Prop 68, General Fund) as of Aug 1, 2024

6 Opportunities for Regional Agency/Project Collaboration

As a region which relies 50 to 60 percent on imported water supplies, it is imperative for Three Valleys to invest in local supplies and supply diversification. Three Valleys has been advocating amongst regional partnering agencies to increase investments in the three groundwater basins that the Three Valleys services are overlies and includes storage accounts, specifically, the Chino, Main San Gabriel, and Six Basins groundwater basins. This section presents four regional projects which were derived from projects proposed by Three Valleys, member agencies, and regional stakeholders. These regional projects are highlighted in this section because they address the regional goals of increasing water supply reliability and reducing dependence on imported water supplies (see Section 0).

6.1 Description of Regional Projects

6.1.1 Regional Project #1 – External Partnership with Covina Valley Water Company (Main San Gabriel Basin)

This regional project would include construction of an intertie to access existing water supply from CVWC. Through Puente Basin Water Agency (PBWA), a joint powers authority between WVWD and RWD, WVWD and RWD would lead the construction of this intertie, which would allow pumping of surplus CVWC well and surface water into the Badillo-Grand pipeline via the new interconnection. Table 6-1 shows the regional needs addressed by this regional project.

Table 6-1: Regional Needs addressed by Regional Project 1

Regional Needs	Components of Regional Project 1
Extraction Wells	
'Put' Facilities	
Regional Pipelines	X
Increase in Treatment Facilities	
Increase in Storage	
Increase of Local Supply	X

This project would increase regional water supply reliability and reduce overall dependence on imported water supplies, thereby improving operational flexibility by integrating additional water sources into the existing network within the Three Valleys service area. This regional project would provide an estimated 2 TAF toward Three Valleys' goals of reducing overall dependency on imported water by 10 TAF and increasing overall water supply by 15 TAF.

6.1.2 Regional Project #2 – Three Valleys Groundwater Reliability Improvement Program (GRIP)

This regional project would include a Three Valleys partnership with the City of Glendora and PBWA to implement a regional distribution network and local supplies by utilizing 9,000 AF/year of stranded City assets. The regional distribution network would be augmented by the construction of new treatment facilities and conveyance pipelines. Three Valleys, as the lead agency, will develop the project that includes new replacement wells with wellhead treatment for City of Glendora's Wells #3, 4, and 7, and the pipeline and pumpstations. This regional project could also be expanded to address

water quality concerns for more member agencies. Table 6-2 shows the regional needs addressed by this regional project.

Table 6-2: Regional Needs addressed by Regional Project 2

Regional Needs	Components of Regional Project 2
Extraction Wells	X
'Put' Facilities	
Regional Pipelines	X
Increase in Treatment Facilities	X
Increase in Storage	X
Increase of Local supply	X

This project would increase regional water supply reliability, thereby improving operational flexibility by integrating additional water sources into the existing network. This regional project would provide an estimated 9 TAF toward Three Valleys' goal of increasing overall water supply by 15 TAF.

6.1.3 Regional Project #3 – Three Valleys Storing Water in Main San Gabriel Basin (GRIP+)

This regional project would include a Three Valleys partnership with the City of Glendora and City of Pomona in which Three Valleys would store surplus imported water in wet years for the Cities via groundwater recharge at the Santa Fe Spreading Grounds in the Main San Gabriel Basin. The project would also include the drilling of five new wells (two for Glendora, three for Pomona) along with wellhead treatments for all five wells, as well as the installation of approximately 5 miles of potable water pipeline by connecting Main San Gabriel Basin supplies to the City of Pomona's distribution system via the Pomona-Walnut-Rowland Joint Water Line (JWL). Table 6-3 shows the regional needs addressed by this regional project.

Table 6-3: Regional Needs addressed by Regional Project 3

Regional Needs	Components of Regional Project 3
Extraction Wells	X
'Put' Facilities	
Regional Pipelines	X
Increase in Treatment Facilities	
Increase in Storage	X
Increase of Local Supply	X

Most of City of Pomona's groundwater supply comes from the Chino and Six Basins groundwater basins, which have degraded water quality; this affects 1) their ability to maximize their groundwater rights, and 2) their reliance on imported water, as their existing wells need blending to remove contaminants. This regional project, therefore, would increase water supply reliability and improve operational flexibility by expanding water storage via the Main San Gabriel groundwater basin, creating infrastructure to integrate supplies into the existing network, and increasing groundwater

treatment capacity. This project would produce approximately 9.2 TAF of local groundwater supply, increasing water supply reliability toward Three Valleys' goal of increasing overall water supply by 15 TAF.

6.1.4 Regional Project #4 – Chino Basin Conjunctive Use with Three Valleys

This regional project would include a partnership between Three Valleys and the City of Pomona. Three Valleys will store water in the Chino Basin and fund City of Pomona's infrastructure projects in exchange for the pumping and delivery of water for use by the Three Valleys member agencies, such as the City of La Verne, Golden State Water Company and the Puente Basin Water Agency. The exchange water could also be conveyed from the Chino Basin to respective member agencies via the Joint Water Line (JWL) and the Badillo/Grand Transmission Main. Alternate water conveyance arrangements could also be considered to enable broader participation and access to water supply benefits by interested member agencies. This local groundwater source could be particularly helpful to member agencies with high dependencies on imported water to meet their demands, such as RWD and WVWD. Table 6-4 shows the regional needs addressed by this regional project.

Table 6-4: Regional Needs addressed by Regional Project 4

Regional Needs	Components of Regional Project 4
Extraction Wells	
'Put' Facilities	
Regional Pipelines	
Increase in Treatment Facilities	
Increase in Storage	X
Increase of Local Supply	X

This project would increase regional water supply reliability and reduce dependence on imported water during droughts, thereby improving operational flexibility by integrating additional water sources into the existing network, contributing toward Three Valleys' goals of reducing overall dependency on imported water by 10 TAF and increasing overall water supply by 15 TAF.

6.2 Risk Analysis and Prioritization of Regional Projects

In this master planning process, member agencies are trying to determine which regional projects deliver the broadest combination of regional benefits with the lowest risk. As projects progress from initial conception to preliminary design, quantitative benefit-cost analyses will need to be conducted. However, the regional projects included in this masterplan are currently at the early stages of initial conception. Qualitative methods applied for evaluating the benefits and risks of the regional projects are described in this section of the report.

6.2.1 Assessing Project Benefits

A pairwise comparison analysis was used to compare the regional projects on multiple benefit criteria. Pairwise comparison is a decision analysis method which allows evaluators to rank multiple decision alternatives by iteratively comparing two alternatives at a time. The pairwise comparison allows

member agencies to compare two projects at a time for each regional benefit. The comparisons are repeated until all project pairs have been compared for each regional benefit of interest. The list of project benefits used as evaluation criteria is shown in Table 6-5.

Table 6-5: Evaluation Criteria used for Project Benefits

Goal	Regional Project Needs as Evaluation Criteria
10 TAF	1. Reduce dependency on imported water during drought years
10 TAF	2. Reduce overall dependency on imported water
60 TAF	3. Increase total water in storage to about one year of imported supplies from Metropolitan
15 TAF	4. Increase Three Valleys PUT capacity by 15 TAF/year
15 TAF	5. Increase climate resilience – need to meet additional 15 TAF/year[2]
	6. Increase operational flexibility with additional Three Valleys conveyance facilities to transmit water from West to East, through a shared program with member agencies.
	7. Affordability of marginal cost of water produced compared to Metropolitan water
	8. Increase local groundwater treatment capacity
	9. Increase local extraction capacity

For each of the 9 evaluation criteria listed, the project being evaluated is placed on a row and compared to other regional (comparison) projects listed on columns. Pairwise comparison scores are assigned as follows:

- A score of 0 is assigned if the evaluation project is worse the comparison project
- A score of 0.5 is assigned if the evaluation project is equal to the comparison project
- A score of 1.0 is assigned if the evaluation project is better than the comparison project

The full pairwise comparison scores are presented in separate tables for each evaluation criterion in Appendix B of this report. The combined pairwise analysis scores assigned by member agencies (aggregated from all 9 evaluation criteria) are shown in Table 6 6.

Table 6 6: Combined Pairwise Benefit Evaluation Scores Assigned by Member Agencies

	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	3.25	2.75	3.667	9.667

[2] *Compliance with State 2030 goal for 42 GPCD reduces total member agency demand by approximately 5 TAF/year*

	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	5.75	X	3.5	4.833	14.083
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	6.25	5.5	X	4.833	16.583
Project 4: Chino Basin Conjunctive Use with Three Valleys	5.333	4.167	4.167	X	13.667

The average benefit scores assigned by member agencies to each project are also shown by each evaluation criterion in Table 6-7. Note that each project can attain a maximum score of 3 per criterion (if it scores 1 when compared with the other three comparison projects). Since there are 9 evaluation criteria, the maximum sum of benefit scores per project is 27.

Table 6-7: Project Benefit Evaluation Scores Assigned by Member Agencies to Each Criterion

Project	Crit.1	Crit.2	Crit.3	Crit.4	Crit.5	Crit.6	Crit.7	Crit.8	Crit.9.	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	1.000	1.667	1.000	0.917	1.417	0.417	1.833	0.500	0.917	9.667
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	1.583	1.500	1.583	1.500	1.333	1.750	1.333	1.750	1.750	14.083
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	1.667	1.500	2.167	2.167	1.417	2.083	1.500	2.250	1.833	16.583
Project 4: Chino Basin Conjunctive Use with Three Valleys	1.750	1.333	1.250	1.417	1.833	1.750	1.333	1.500	1.500	13.667

The results show that member agencies identified Project 3: Three Valleys Storing Water in Main San Gabriel Basin (GRIP+) as the project that would deliver the broadest set of regional benefits. Project 1: External Partnership with Covina Irrigation Company (Main SG Basin) is identified the project that would deliver the least amount of regional benefits.

6.2.2 Evaluation of Project Risks

A qualitative risk analysis was used to compare the regional projects on multiple risk categories. The risk categories include 1) Costs Risk, 2) Implementation Risk, 3) Operations Risk, and 4) Stakeholders Risk. Various elements of risk were identified for consideration when assessing each risk category as shown in Table 6-8.

Table 6-8: Project Risk Categories with Associated Elements of Risk

Risk Category	Risk Elements
Costs	Risk of capital cost overruns
	Risk of partner agencies not paying their share
	Risk of not securing external financing and funding
	Risk of increasing long-term operations and maintenance costs
Implementation	Risk of project duration and schedule overruns
	Risk of land not being available
	Risk of running into constructability issues
	Risk of having limited implementation options
	Risk of permitting complications such as permit conditions and denials
	Risk of the project not being thoroughly planned
Operations	Risk of yield variability and reliability
	Uncertainty of operating partnerships
	Risk of inter-dependent projects not coming through
	Risk of environmental and water quality regulations (e.g., PFAS)
	Lack of redundancy for emergency operations/asset failures
Stakeholders	Lack of ratepayer support
	Risk of not garnering Three Valleys and member board support
	External stakeholder opposition
	Opposition from environmental/special interest groups

A risk score is computed to each regional project based on the Severity and likelihood scores assigned by member agencies for each of the four categories of risk. The risk score is determined as a product of the Severity score and the Likelihood score.

*Risk = Severity * Likelihood*

Severity is a measure of how adversely the occurrence of a category of risk would impact a given project. Severity scores assigned to each risk category range from 1 to 4 as follows:

1. Low Severity = Low to no effect on project
2. Medium Severity = Minor to modest impacts
3. High Severity = Significant or substantial impacts
4. Very High Severity = Extreme potential impacts

Likelihood is a measure of whether a risk category is likely to materialize on a given project. Likelihood scores assigned to each risk category range from 1 to 4 as follows:

1. Very Unlikely = Risks will not materialize
2. Unlikely = Risks probably will not materialize
3. Likely = Risks probably will materialize
4. Very Likely = Almost certain risks will materialize

Table 6-9: Results of Project Risk Evaluation by Risk Categories.

Project	Risk Scores	Costs	Implementation	Operations	Stakeholders
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	Severity	2.00	2.00	2.00	1.71
	Likelihood	2.14	2.29	2.14	1.71
	Risk	**4.28**	**4.58**	**4.28**	**2.92**
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	Severity	3.00	3.14	2.57	3.14
	Likelihood	2.71	3.00	2.86	3.00
	Risk	**8.13**	**9.42**	**7.35**	**9.42**
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	Severity	2.50	2.33	2.33	2.67
	Likelihood	2.50	2.33	2.33	2.50
	Risk	**6.25**	**5.43**	**5.43**	**6.68**
Project 4: Chino Basin Conjunctive Use with Three Valleys	Severity	2.20	2.00	2.20	2.20
	Likelihood	2.40	2.40	2.20	2.00
	Risk	**5.28**	**4.80**	**4.84**	**4.40**

The results show that member agencies identified Project 1: External Partnership with Covina Irrigation Company (Main San Gabriel Basin) as the lowest risk project. Conversely, Project 2: Three Valleys GRIP was identified as the highest risk project.

6.2.3 Summary of Project Benefit-Risk Results

The final preferred project rankings are determined by combining the results of the project benefit evaluation and the risk analysis. For each project, the total risk scores from all four risk categories are divided by the maximum possible risk score of 64 to create a risk index. Similarly, the total benefit scores from all nine evaluation criteria are divided by the maximum possible benefit score of 27 to create a benefit index. The integrated benefit-risk ratio is computed by dividing the benefit index by the risk index as shown in Table 6-10.

Table 6-10: Project Ranking Results for Benefit-Risk Assessment

Regional Project	Sum of Risk (max = 64)	Risk Index	Sum of Benefits (max = 27)	Benefit Index	Benefit - Risk Ratio	Preferred Project Rank
Project 4: Chino Basin Conjunctive Use with Three Valleys	19.32	0.302	13.67	0.506	1.677	1
Project 3: Three Valleys Storing Water in Main San Gabriel Basin (GRIP+)	23.81	0.372	16.58	0.614	1.651	2
Project 1: External Partnership with Covina Irrigation Company (Main San Gabriel Basin)	16.08	0.251	9.67	0.358	1.425	3
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	34.35	0.537	14.08	0.522	0.972	4

The results show that 'Project 4: Chino Basin Conjunctive Use with Three Valleys' has been identified by member agencies as best suited to provide the best combination of high benefits with lower risk. Project 3 (GRIP+) and Project 1 (CIC - Main San Gabriel Basin) are ranked second and third, respectively. Project 2 (GRIP) is viewed as having the lowest benefits relative to its associated risks.

7 Summary and Recommendations

7.1 Summary

The Three Valleys region relies on a variety of sources for its water supply including groundwater (41%), imported water (48%), purchased water (4%), surface water (3%), and recycled water (4%). The region's water supplies are vulnerable to regional and statewide droughts and climate change which can cause disruptions in water availability. The region actively manages changes in annual water supply availability by using groundwater basin storage accounts to store excess water for use during periods of drought and other disruptions. Water stored in these storage accounts currently amounts to approximately 58 percent of the region's annual water supply requirements.

Future uncertainties such as aging infrastructure and climate change could also impact the region's water supply uncertainty. Projections of future water budgets indicate that the Three Valleys region will require up to 15.4 TAF/year of additional imported water supply due to the impacts of climate change. This deficit could be partially mitigated through full implementation of the state's indoor residential water use targets for 2030 which would result in water conservation savings of up to 5.6 TAF/Year. However, the region needs to develop additional infrastructure to maintain current levels of service and build up a recommended year of total water supply in storage in local groundwater basin storage accounts.

Three Valleys has worked with member agencies to identify 26 infrastructure projects including 2 projects to enhance Storage capacity, 4 pipeline reliability projects, 12 projects to enhance well extraction capacity, and 8 water treatment infrastructure projects. The estimated total cost of the 26 proposed projects is over $660 million. Treatment and wells projects are the most common type of projects proposed because they are generally the most cost-effective source of supply (in terms of cost per acre-foot) for agencies with existing, unused pumping rights. While storage projects are generally expensive, they can greatly improve water supply reliability and reduce dependence on imported water during periods of drought.

Implementation of these projects will require a mix of local, state and federal funds. A list of current state and federal funding programs has been developed to align with the types of water supply and infrastructure projects proposed by Three Valleys and its member agencies. These grant funding programs are generally more likely to fund regional projects which involve multiple partnering agencies using shared infrastructure to provide benefits to a wider group of communities, including disadvantaged communities where possible. To enhance the region's competitiveness when pursuing state and federal grant funding opportunities, this WRMP has identified four regional projects which could leverage regional infrastructure to meet the needs of multiple member agencies.

7.2 Next Steps

The regional infrastructure needs and plans included in this WRMP were derived from information compiled by staff of member agencies. While this information has helped to highlight common areas of infrastructure need, it likely reflects current system performance and reliability concerns. To more accurately capture the impact of aging infrastructure on the extent and timing of future infrastructure

needs, the Three Valleys region should undertake a comprehensive assessment of water infrastructure to:

- Quantify the number and characteristics of existing wells, pipelines, pumping, and treatment assets
- Establish the remaining life and replacement schedule of existing assets
- List all existing infrastructure that are no longer functioning or in use
- Assess the timing of future changes in infrastructure performances and water supply reliability if the aging infrastructure is not replaced.

The region also needs to continue development of the regional projects identified in this WRMP. Actions that could be taken to advance the development of these regional projects could include:

- Initiating conceptual planning to establish project components, physical and environment constraints, establish project costs, and review project alternatives
- Engage member agencies to recruit project participants, establish participation agreements, and seek approval of agency boards to seek implementation funds
- Initial development of funding proposals and engaging funding agencies to solicit early input on project fundability

8 References

Three Valleys Municipal Water District (2021), 2020 Urban Water Management Plan.

Three Valleys Municipal Water District (2024), Climate Change Vulnerability Assessment

Three Valleys Municipal Water District (2024), 2024 Regional Drought Contingency Plan.

Appendix A – List of Mitigation Projects

Agency/Organization	Project/Program Name	Project/Program Description
Three Valleys	Filter Drain Valves	Upgrade of existing under drain system within each of the eight existing filter basins. The upgrade will include granular activated carbon, which would also be able to address constituents of emerging concern, especially for the portion of groundwater that could be routed through the treatment plant. This project would be modeled after the recent Weymouth Filter Basin Upgrade.
Three Valleys	Padua Pump Station	The project would construct pump station and pipeline from San Gabriel MWD's pipeline to Three Valleys' Miramar distribution system to provide for reliability to the SWP dependent area's service from the Metropolitan Rialto Feeder.
Three Valleys	Sludge Pond Mixing Upgrade	Better mixing will prevent the growth of algae and other organic material and will increase the amount of water recovered when the sludge is sent to the belt filter press.
Three Valleys	Grand Avenue Well Improvement	Inspection and rehabilitation of the Grand Ave Well as needed. Additionally includes the installation of a VFD to increase Grand Ave Well's operational efficiency.
Three Valleys	Well 2 Improvement	Inspection and rehabilitation of Well 2 and installation of sunshade covers over the VFD to prevent overheating.
Three Valleys	PM-21 [Miramar] Bypass Magmeter	Miramar Treatment Plant's design capacity is 40 cubic feet [cfs]. Lower demands due to factors of water use efficiency and water shortage conditions requires the plant to operate at minimal flows of 8 cfs. This effort initiates a project with Metropolitan Water District to install a meter suitable for lower flow conditions, increasing meter accuracy and reduce potential for apparent water losses.
Three Valleys	Miramar Pumpback	Upgrade to the existing Miramar Pumpback system through a connection with Metropolitan's Weymouth Treatment Plant. This connection adds an alternative source of water, Colorado River water, to the Three Valleys service area which includes SWP dependent areas.
Three Valleys	Hydroelectric Facilities Efficiency Upgrades	The Miramar hydroelectric generators are nearing 40 years of service and require a reassessment of its structural and mechanical integrity. This project will upgrade current hydroelectric facilities and provide repairs if found.
Three Valleys	Groundwater Reliability Improvement Program[a]	Partnership with the City of Glendora and the Puente Basin Water Agency (PBWA), a joint powers authority between Walnut Valley Water District and Rowland Water District, to implement a regional distribution network and local supplies by utilizing 9,000 AF/year of stranded City assets.

Agency/Organization	Project/Program Name	Project/Program Description
Three Valleys	Renewable Energy Project	Installation of solar panels and battery storage to enhance sustainable energy production.
Three Valleys	Miramar System Condition Assessment	The Miramar distribution pipeline, initially constructed during the 1950s and 1980s, is reaching over 40 years of age and requires an assessment to determine its current condition.
Cal Poly Pomona	VOC Treatment at Well 2	Install VOC treatment at Cal Poly Pomona's Well No. 2. Well No. 2 has known VOC contamination. Cal Poly Pomona would need to use this well as an additional source of water for the RO Water Treatment Plant in producing more potable water.
Cal Poly Pomona	Install Additional RO Train at ROWTP	Install an additional RO train to an existing Cal Poly Pomona Water Treatment Plant to utilize the additional water source from Well No. 2 to produce additional potable water for local use. See Spadra GSP.
Cal Poly Pomona	Repurpose Farm Well #4 water	Over time campus farm operation will diminish and consider repurposing the Farm Well #4 to use for either irrigation or potable water. Advance RO treatment considerations to produce provide potable water for the old Lanterman Hospital property or connect via a pipeline to convey water back onto the main campus for irrigation use; a distance of about 1.25 miles.
Cal Poly Pomona	Future wells w/Three Valleys as injection (recycled water) and extraction - 2 sites	Partner with 3Vs and City of Pomona to develop an injection/extraction well on 3Vs two well sites available at Corporate Center Dr next to I57 & I71 freeways. Treatment of recycled water may be upgraded to advanced treatment by LA County Sanitation District. Use advance treated recycled water to inject into Spadra basin for storage.
Rowland Water District & Walnut Valley Water District (through Puente Basin Water Agency)	Six Basins Groundwater Project	Two new wells are being activated in the Six Basins Groundwater Basin to offset imported water supplies.
Rowland Water District & Walnut Valley Water District (through Puente Basin Water Agency)	Covina Irrigating Company Interconnection	Pump surplus Covina Irrigating Company well and surface water into the Badillo-Grand pipeline via a new interconnect.
Walnut Valley Water District (through Spadra Basin GSA)	Spadra Basin Optimization Scenario 3	Underground recharge gallery, seven injection wells, five production wells, expansion of CPP RO plant, all related pipelines.
City of Covina Water Department	Grand Avenue Water Main Replacement Project	The existing water main was installed in 1939 and is in bad condition. The planned work includes replacement of approximately 1.25 mi of 12-inch- diameter steel from San Bernardino Road to Southerly City Limit including the upgrade of existing services and fire hydrants.

Agency/Organization	Project/Program Name	Project/Program Description
City of Covina Water Department	Water Loss Reduction - through Pipeline Replacement	Auditing reports available for last few years.
City of Covina Water Department	Hurst Tract Water Main Replacement Project from Cypress Avenue to Covina Boulevard and Grand Avenue to Brightview Drive	Existing water main, valves, hydrants and services have exceeded their useful life. All water mains, valves, hydrants and services are to be replaced.
City of Covina Water Department	Edna Place Pipe Improvements Project Grand Avenue to Barranca Avenue	Existing water main, valves, hydrants and services have exceeded their useful life. All water mains, valves, hydrants and services are to be replaced.
City of Covina Water Department	Navilla and Forestdale Main Replacement Project from Puente Street to Rowland Avenue and From Grand to Barranca Avenue	Existing water main, valves, hydrants and services have exceeded their useful life. All water mains, valves, hydrants and services are to be replaced.
City of Covina Water Department	Azusa Avenue Main Installation Project from Badillo Street to Edna Place	Existing water main, valves, hydrants and services have exceeded their useful life. All water mains, valves, hydrants and services are to be replaced.
City of Covina Water Department	Fourth Avenue Water Main Replacement Project from Badillo Street to San Bernardino Road Cypress Avenue Water Main Replacement Project from Citrus Avenue to Barranca Avenue	Existing water main, valves, hydrants and services have exceeded their useful life. All water mains, valves, hydrants and services are to be replaced.
City of Covina Water Department	Cypress Reservoir Water Booster Improvement Project 1051 E. Cypress Street	Install new backup generator, MCC panels, and switchgear.
City of Covina Water Department	Rancho La Merced Water Improvement Project (Design Only) Rancho La Merced	

Agency/Organization	Project/Program Name	Project/Program Description
City of Covina Water Department	Water Master Plan & Rate Update City-Wide	Water Master Plan update & cost study for next 5 years.
City of Covina Water Department	San Joaquin Road and Rambling Road Main Replacement from Covina Hills to Navilla Place	Existing water main, valves, hydrants and services have exceeded their useful life. All water mains, valves, hydrants and services are to be replaced.
City of Glendora	Well #7 (Vosburg) Replacement	Rehabilitation of Well #7 which is located at 201 South Virginia Ave in the City of Azusa almost 3 miles to the southwest of the City of Glendora. The city would conduct a water quality study to address contaminant concerns and well profiling to better understand flow contributions. Project to include design, public bid and construction.
City of Glendora	North Glendora Tank Replacement	This 318,000-gallon reservoir is crucial to the operation of Zone 19 and was installed in 1996 using bolted steel plate construction as this was an inexpensive and viable option for the remote and difficult to access location. Bolted steel tanks have a certain leak allowance in the design and this tank has had a small amount of leakage since installation. The tank is now 25 years old and is nearing the end of its expected service life of 30 years. Current leak rates vary from 35 to 50 gallons per minute depending on water level in the tank and weather conditions. This reservoir is one of two storage reservoirs that serve this pressure zone, the other is Glencoe Reservoir with a maximum capacity of only 212,000 gallons. Over the last few years, the area has seen some growth and there is an increased awareness of fire protection needs within the Urban Wildland Interface of which Zone 19 is entirely within. As a result, the combined storage of approximately 0.5 MG is insufficient for extended outages and for fire protection needs and a larger reservoir for this zone is needed.
City of Glendora	Well #14 Replacement	Well #14 is located along Little Dalton Wash just north of Leadora. The city would conduct a study to investigate low production and address contaminant concerns. This would include some well development work and well profiling to better understand flow contributions. Project to include design, public bid and implementation.

Agency/Organization	Project/Program Name	Project/Program Description
City of Glendora	Turf Removal for Large Commercial and Municipal Properties	As part of our on-going effort to encourage water conservation, The City offers multiple rebate incentives for customers. There are two primary programs that are currently being highlighted as outlined below: 1) Turf Removal Program: Installation of drought tolerant landscaping, synthetic turf, and other non-irrigated ground cover. 2) Rebate Program for the purchasing of water efficient devices, such as toilets, sprinkler nozzles, irrigation controllers, etc.
City of Glendora	Redrilling Wells 10 and 11 for Exploration	
City of Glendora	Pipeline Intertie Replacements	
City of La Verne	Connections to Weymouth WTP	Connection to Weymouth without PWR.
City of La Verne	Well Treatment 6th and White, Lincoln and Mills - Ion-Ex Plant	Ion exchange treatment to reduce blending.
City of La Verne	La Verne Heights Well #1 Replacement-Ion-Ex	Low production on LVH#1.
City of La Verne	Conjunctive Use Concepts (Six Basins, Pomona Basin, Live Oak Basin)	
City of La Verne	AMI	Automated meter reading.
City of Pomona	Groundwater Quality Improvement	The project includes well head treatment and well equipping for wells that are currently stranded: - Well 34 – TCP Treatment [GAC} is required for the well (1,200 gpm) - Well 20 – Re-equip the existing well. (700 gpm) - Well 29 – Install NO3 treatment and rebuild well. (600 gpm) - Well 30 – Drill new well onsite. (800 gpm)
City of Pomona	Anion Exchange Plant	Increasing reliance on groundwater, preserves ability to operate wells.
City of Pomona	Reservoir 5 (per PDR)	Increasing reliance on groundwater, reduce reliance on MET/SWP.
City of Industry	Surface Water Storage Project	

Agency/Organization	Project/Program Name	Project/Program Description
City of Industry	Water Distribution System Reliability Project	
Suburban Water System	201 PFOA/PFAS treatment	Plan, design and construct ground water treatment facilities to remove PFOA/PFAS from ground water sources.
Suburban Water System	Plant 410 Treatment Plant	Construction of a 1,000 gpm (1.4 MGD) treatment plant to remove Manganese from a potable water well.
Suburban Water System	Plant 128 Pump Station and Reservoir Replacement	Remove and replace reservoir and pump station. The existing 0.5MG reservoir is nearly 100 years old and does not meet current seismic requirements. It will be replaced with a 0.5 MG above ground steel reservoir. The pump station is does not meet the reliability requirements and the electrical equipment is unsafe.
Valencia Heights Water Company	Grand Ave waterline replacement	Replace approximately 1300 feet of old steel 12-inch waterline with 12- and 16- inch c-900 PVC.
Valencia Heights Water Company	Reservoir rehab and retrofitting #4a	Repaint and recoat interior and exterior of reservoir and retrofit inlet and outlets to improve water quality and add earthquake shut off valves.
Valencia Heights Water Company	Reservoir rehab and retrofitting #6b	Repaint and recoat interior of reservoir and retrofit inlet and outlets to improve water quality and add earthquake shut off valves.
Valencia Heights Water Company	Reservoir rehab and retrofitting #6a	Repaint and recoat interior of reservoir and retrofit inlet and outlets to improve water quality and add earthquake shut off valves.
Valencia Heights Water Company	Reservoir rehab and retrofitting #4a	Repaint and recoat interior and exterior of reservoir and retrofit inlet and outlets to improve water quality and add earthquake shut off valves.
Valencia Heights Water Company	Golden Bough Waterline Replacement	Replace approximately 1800 feet of old steel 6-inch waterline with 8-inch c-900 PVC.

Appendix B – Results of Pairwise Benefit Evaluation for each Metric

1. Metric: reduce dependency on imported water during drought years.					
	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	0.5	0.25	0.25	1.000
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	0.5	X	0.583	0.5	1.583
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	0.75	0.417	X	0.5	1.667
Project 4: Chino Basin Conjunctive Use with Three Valleys	0.75	0.5	0.5	X	1.750

2. Metric: Provides benefits to two or more agencies.					
	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	0.583	0.5	0.583	1.667
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	0.417	X	0.5	0.583	1.500
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	0.5	0.5	X	0.5	1.500
Project 4: Chino Basin Conjunctive Use with Three Valleys	0.417	0.417	0.5	X	1.333

3. Metric: Increase total basin storage in the 3Vs region to a target of one year of supplemental storage equivalent to TVMWD's annual import from Metropolitan, or about 60 TAF.					
	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	0.25	0.25	0.5	1.000
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	0.75	X	0.25	0.583	1.583
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	0.75	0.75	X	0.667	2.167
Project 4: Chino Basin Conjunctive Use with Three Valleys	0.5	0.417	0.333	X	1.250

4. Increase Three Valleys PUT capacity by 15 TAF/year.					
	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	0.25	0.25	0.5	1.000
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	0.75	X	0.25	0.583	1.583
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	0.75	0.75	X	0.667	2.167
Project 4: Chino Basin Conjunctive Use with Three Valleys	0.5	0.417	0.333	X	1.250

5. Metric: Increase climate resilience – need to meet additional 15 TAF/year					
	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	0.583	0.5	0.333	1.417
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	0.417	X	0.417	0.5	1.333
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	0.5	0.583	X	0.333	1.417
Project 4: Chino Basin Conjunctive Use with Three Valleys	0.667	0.5	0.667	X	1.833

6. Metric: Increase operational flexibility with additional Three Valleys conveyance facilities to transmit water from West to East, through a shared program with member agencies.					
	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	0.083	0.083	0.25	0.417
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	0.917	X	0.25	0.583	1.750
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	0.917	0.75	X	0.417	2.083
Project 4: Chino Basin Conjunctive Use with Three Valleys	0.75	0.417	0.583	X	1.750

7. Metric: Affordability of marginal cost of water produced compared to Metropolitan water					
	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	0.583	0.583	0.667	1.833
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	0.417	X	0.5	0.417	1.333
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	0.417	0.5	X	0.583	1.500
Project 4: Chino Basin Conjunctive Use with Three Valleys	0.333	0.583	0.417	X	1.333

8. Metric: Increase local groundwater treatment capacity					
	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	0.333	0	0.167	0.500
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	0.667	X	0.417	0.667	1.750
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	1	0.583	X	0.667	2.250
Project 4: Chino Basin Conjunctive Use with Three Valleys	0.833	0.333	0.333	X	1.500

9. Metric: Increase local extraction capacity					
	Project 1: CIC - Main Basin	Project 2: GRIP	Project 3: GRIP+	Project 4: Chino Basin	Sum
Project 1: External Partnership with Covina Irrigation Company (Main SG Basin)	X	0.167	0.333	0.417	0.917
Project 2: Three Valleys Groundwater Reliability Improvement Program (GRIP)	0.833	X	0.417	0.5	1.750
Project 3: Three Valleys Storing Water in Main SG Basin (GRIP+)	0.667	0.583	X	0.583	1.833
Project 4: Chino Basin Conjunctive Use with Three Valleys	0.583	0.5	0.417	X	1.500

Appendix C – Three Valleys Regional Drought Contingency Plan

(Available upon request from Three Valleys as a separate attachment)

RESOLUTION NO. 26-09-1034

A RESOLUTION OF THE BOARD OF DIRECTORS OF THREE VALLEYS MUNICIPAL WATER DISTRICT TO ADOPT THE WATER RESOURCES MASTER PLAN AND REGIONAL DROUGHT CONTINGENCY PLAN

WHEREAS, Three Valleys Municipal Water District ("Three Valleys" or "District") received grant funding in the amount of $200,000 from the United States Bureau of Reclamation ("Reclamation") in February 2023 under the WaterSMART Drought Contingency Planning Program to prepare a Water Resources Master Plan ("WRMP") and a Regional Drought Contingency Plan ("DCP") for its service area; and

WHEREAS, the District, together with its thirteen member agencies and a regional Drought Task Force, undertook a multi-year planning process, including a series of workshops held between 2023 and 2024, to assess current and future water supply reliability needs, evaluate vulnerability to drought and climate change, and identify mitigation projects and regional drought response actions; and

WHEREAS, a draft-final WRMP and a draft-final Regional DCP were presented to the Board of Directors at a Special Board of Directors Workshop Meeting on February 19, 2025, as an informational item; and

WHEREAS, following that workshop, the draft-final Regional DCP was submitted to Reclamation for the review required under the terms of the WaterSMART grant, and Reclamation has since completed its review and returned comments on the draft-final Regional DCP; and

WHEREAS, District staff and its consultants have incorporated Reclamation's comments into a final Regional DCP, which further documents drought impacts across regional sectors, demand management measures, and the District's regional drought response framework, and which incorporates the WRMP's mitigation project analysis so that the Regional DCP may stand as a complete deliverable under the WaterSMART grant; and

WHEREAS, the Board of Directors has duly reviewed, discussed, and considered the final WRMP and the final Regional DCP and has determined the final WRMP and the final Regional DCP to be consistent with the District's water resources planning objectives and its obligations under the WaterSMART grant.

NOW THEREFORE BE IT RESOLVED by the Board of Directors of Three Valleys Municipal Water District that it hereby adopts the Water Resources Master Plan and the Regional Drought Contingency Plan, and authorizes the General Manager, or their designee, to submit the final Regional Drought Contingency Plan to the United States Bureau of Reclamation and to take all actions necessary and appropriate to carry out the intent of this Resolution.

ADOPTED and **PASSED** at a meeting of the Three Valleys Municipal Water District's Board of Directors, on this 16th day of September 2026 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

_____
Mike Ti, President

ATTEST:

_____
David De Jesus, Secretary

SEAL:

THREE VALLEYS
MUNICIPAL WATER DISTRICT

BOARD ACTION

BOARD OF DIRECTORS
STAFF REPORT

To:	TVMWD Board of Directors
From:	Matthew H. Litchfield, General Manager
Date:	September 16, 2026
Subject:	Miramar Pipeline Inspection- Leg 1

Staff Recommendation
Staff recommends that the Board of Directors award a Task Order for professional services to the On-Call Pipeline Inspection Contractor, Insight Water Technologies, to perform the Miramar Pipeline Inspection- Leg 1 for the amount of $410,224.35 and authorize the General Manager to execute the Task Order.

Background
Pipelines are designed and constructed to remain in service for extended periods, frequently exceeding 50 years. Over the course of this operational life, pipes are subject to gradual wear, external soil and corrosive forces, and construction disturbances. In some cases, many of these operational deficiencies may go unnoticed and eventually cause failures. The Miramar Distribution pipeline was constructed with varying materials during several different decades.

In 2022, the Three Valleys MWD Board of Directors awarded an inspection contract to Purewater Technologies to provide an acoustic detection inspection with its Smartball® technology. The inspection indicated and provided exact location of a small leak. The information expedited the repair and provided beneficial data such as GPS pipe location. However, acoustic leak detection can only find active leaks, and it cannot assess the pipe's physical condition, such as the thickness of its interior lining, the condition of internal reinforcement, or provide a video record of the pipe's interior.

The General Manager was previously authorized in October 2025 by the Board of Directors to enter into on-call professional services agreements with pre-qualified consultants. The selected consultants have the specialized technology that is needed to perform these more detailed condition assessments and help ensure the pipeline's long-term integrity.

Discussion

The District's on-call condition assessment consultants offer several technologies that can inspect the pipeline without interrupting normal service. However, some of these tools require the pipe to be temporarily taken out of service for a short period. Therefore, it is more efficient to inspect longer, continuous sections of the pipeline in a single effort, since this reduces the number of shutdowns needed and lowers the overall cost per mile compared to inspecting the pipeline in many small sections. Staff divided the work into three separate sections, or "legs," so each phase can take advantage of the cost savings from longer, continuous inspection runs.

Staff requested proposals for the first of these three legs from the approved on-call consultants. The request for proposals (RFP) outlined the District's key requirements for a thorough condition assessment, which requires multiple passes through the pipeline. Of the three pre-qualified consultants, two submitted proposals. The third notified staff that its technology was not well suited to this scope of work and would not be competitive.

Staff have evaluated and reviewed each bid proposal received and determined that the apparent responsive low response has met all requirements. The proposals received exceed the $250,000 limit as established in the October 2025 on-call agreements. Therefore, Staff is recommending the Board to award the Miramar Pipeline Condition Inspection- Leg 1 Task Order to Insight Water Technologies for the amount of $410,224.35.

Fiscal Impact

The Fiscal Year 2026-27 Budget includes $400,000 and a rollover of $108,025 from the previous fiscal year for a total available project budget of $508,025.

Environmental Impact

None

Strategic Plan Objective(s)

1.3 – Infrastructure Reliability

Attachment(s)

Exhibit A – Miramar Pipeline Condition Inspection- Leg 1 Task Order

Meeting History

-October 15,2025
-September 2, 2026

NA/KP

MASTER ON CALL PROFESSIONAL SERVICES TASK ORDER

Owner:	Three Valleys Municipal Water District	Project Number:	INSIGHT_26-1
Consultant:	Insight Water Technologies	Task Order No.:	01
Subject:	Miramar Pipeline Condition Assessment Phase 1	Date:	9/9/2026
Task Order Amount:	$410,244.35	Task Order Completion Date:	6/30/2027

Task Order Description / Scope of Work:

Insight Water Technologies will provide professional services to complete the Miramar Pipeline Condition Assessment Phase 1 as detailed in "Exhibits A" unless otherwise listed below:

The attached exhibits shall be included as part of this task order but shall not take precedence over this executed task order document. Exhibits to be made part of this change order are described as follows:

- Exhibit A Consultant's Proposal and Fee Schedule

All services, insurances, and products rendered under this task order shall be performed in conformance with the executed On-call Professional Services Agreement unless otherwise explicitly listed and excluded in the scope of work of this task order.

Insight Water Technologies:	Myron Shenkiryk/CEO	*TVMWD:*	*Matthew H. Litchfield, General Manager and Chief Engineer*
Signature:	Myron Shenkiryk	*Signature:*	
Date:	September 9, 2026	*Date:*	

I. Cover Letter

August 20, 2026

Kevin Panzer
Engineer
Three Valleys Municipal Water District
1021 East Miramar Avenue
Claremont, CA 91711

Subject: Proposal for the Miramar Pipeline Condition Assessment Phase 1

To Whom It May Concern,

Insight Water Technologies (INSIGHT) is pleased to submit this proposal to provide professional condition assessment services for Three Valleys Municipal Water District's (District) Miramar Pipeline Condition Assessment Phase 1. We have read and understand the full scope of services outlined in the RFP and are prepared to deliver a comprehensive, non-destructive internal inspection of Leg 1—which consists of approximately 17,000 linear feet of 36-inch bar-wrapped concrete cylinder pipe and 1,000 linear feet of 36-inch cement mortar-lined and coated steel pipe—with limited impact to the water delivery to the District's customers.

We are your neighbors. Insight's project delivery partner, HDR, maintains a local office approximately 20 minutes from the project site, giving Three Valleys direct, day-to-day access to the professionals who will be working on this project. Our team is not flying in from across the country. We are embedded in this community, familiar with the local regulatory environment, and ready to mobilize quickly when the District needs us. That proximity translates to faster response times, understanding of local rules and regulations, and a team that is genuinely invested in the long-term reliability of your infrastructure.

We know Three Valleys. Our familiarity with the District's operational processes, standards, and expectations means we can hit the ground running. We understand how the District approaches pipeline operations, what documentation and reporting formats the District relies on, and how to work within your system. That institutional knowledge reduces the learning curve and gives the District a consultant that functions as an extension of your own staff, not an outside vendor.

We bring the right technical depth for BWP and steel pipe. Insight's team applies material-specific inspection methodologies and deterioration models tailored to bar-wrapped concrete cylinder pipe and coated steel pipe. Our approach to Task 4, utilizing free-floating inspection technologies capable of collecting pipeline condition data, is grounded in direct, recent experience on comparable large-diameter potable water transmission mains. We have performed in-service, non-destructive condition assessments on similar assets, validating that critical pipelines can be thoroughly evaluated without dewatering or interrupting service.

We deliver results that drive capital decisions. From data collection and planning through engineering evaluation with Insight's partner SGH and final deliverables, HDR structures every phase of work around the District's downstream need: defensible, board-ready documentation that connects field findings to rehabilitation priorities and capital investment decisions.

We are excited by this opportunity and confident that our team's experience, local understanding, , and technical depth in large-diameter pipeline condition assessment position us as the right team for this work. If you have any questions regarding our proposal please contact Myron Shenkiryk at the contact below.

We appreciate this opportunity to submit our proposal to the District. We look forward to discussing our proposal with you.

Sincerely,
Insight Water Technologies

Myron Shenkiryk
2942 N 24th Street; Phoenix, AZ 85016
mshenkiryk@insightwt.com
Phone: 602-686-0311

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II. Experience in Applicable Trades

Water Main Condition Assessment

Metropolitan Utilities District • Omaha, NE

The Metropolitan Utilities District (MUD) identified the State Street Transmission Main as a critical asset in need of proactive condition assessment and proceeded with an inspection of the first 2.97 miles in 2025.

MUD retained the services of Insight Water Technologies (Insight) to conduct a condition assessment of the water main. Insight subcontracted HDR to provide project management, field services, and engineering support. Insight and HDR completed the assessment, which included electromagnetic, and acoustic inspection utilizing Insight's XK1 free swimming inspection device, to support recommendations for renewal needs and future maintenance. The project included assessing the condition of a buried, pressurized water transmission main while it remained in service which required detailed planning and the design and fabrication of specialized insertion and extraction equipment. The project team employed a suite of complementary inspection and analytical techniques to evaluate the most common failure modes associated with prestressed concrete cylinder pipe (PCCP), including broken prestressing wire, and leak anomalies. These data were supplemented by record reviews, structural analyses, and visual observations of accessible features in order to make accurate engineering recommendations about points of interest to support informed asset management and maintenance planning for the client.

Client Reference: Derek Duin • 402.504.7791 • Derek_Duin@mudnebr.com

Water Main Condition Assessment

Greater Cincinnati Water Works • Cincinnati, OH

Greater Cincinnati Water Works (GCWW) identified their 54" Prestressed Concrete Cylinder Pipe (PCCP) Transmission Main as a critical asset in need of proactive condition assessment following a failure in January 2026 and conducted an inspection of the transmission main from April - May, 2026.

GCWW retained the services of HDR following the January 2026 failure to conduct a condition assessment of their 54" PCCP transmission main. HDR subcontracted with Ravan Air and Insight Water Technologies to conduct assessments of the transmission main. The initial phase of the assessment, completed in April, 2026, consisted of the deployment of Ravan Air's remote operated vehicle (ROV) into the transmission main for a total of 1,745 linear feet. The ROV was equipped with cameras, a Lidar unit, and electromagnetic inspection tools under various deployments in a dewatered environment. This phase of the assessment allowed for a visual assessment of the pipeline, angle of deflection measurements at joints, and an assessment of broken prestressing wire wraps within the pipe. The second phase of the assessment consisted of the electromagnetic and acoustic inspection of 9,634 linear feet of the transmission main utilizing Insight's XK1 free-swimming inspection device. This phase of the project included

detailed planning and the design and fabrication of specialized a extraction device for the inspection tool. Data collected during this assessment was assessed to analyze the pipeline for signs of leaks or broken prestressing wires which are defects associated with common failure modes of PCCP. A structural analysis was performed to analyze pipe classes used in the design of the transmission main, and high-speed pressure monitors were deployed to gather data on typical operating activities in the main as well as to assess the pipeline for the presence of transient activity. Data gathered during the assessment was used to help the utility in their ongoing effort to improve system integrity and minimize main breaks.

Client Reference: Jonathan Peters • 513.591.5048 • Jonathan.peters@gcww.cincinnati-oh.gov

Miramar Pipeline Forensic Identification Assessment

Three Valleys Municipal Water District • Claremont, CA

HDR Engineering performed a forensic pipe identification assessment of a failed 36-inch pipeline segment of the Miramar Pipeline located in the Three Valleys Municipal Water District (TVMWD) yard in Claremont, California. The purpose of the investigation was to determine whether the failed pipe section was Prestressed Concrete Cylinder Pipe (PCCP) or Bar-Wrapped Pipe (BWP) by evaluating its physical, metallurgical, and chemical properties.

The assessment included a review of available project records and construction drawings, field inspection of the failed pipe segment, collection of material samples, and laboratory testing. Field activities included measuring cylinder thickness, reinforcing bar diameter and spacing, performing mortar pH testing, documenting site observations, and collecting steel and mortar samples for further analysis. Laboratory testing evaluated mortar chemistry, including chloride and hydroxide concentrations, and determined the mechanical properties of reinforcing steel bars and steel cylinder specimens through tensile and chemical testing.

HDR analyzed the collected data, field measurements, and laboratory test results to characterize the pipe materials, identify the pipe type, and estimate the original design pressure using applicable AWWA standards, including AWWA M9 and AWWA C303. Based on the findings of the field investigation, metallurgical testing, and engineering evaluation, HDR concluded that the failed 36-inch pipe segment was Bar-Wrapped Pipe (BWP) rather than Prestressed Concrete Cylinder Pipe (PCCP).

This determination provided TVMWD with a more complete understanding of the Miramar Pipeline's construction characteristics and material properties. The findings established a technical basis for selecting appropriate future condition assessment methodologies, refining structural modeling assumptions, and supporting long-term operational and asset management decisions. Ultimately, the results of this investigation will help guide future condition assessment efforts and management strategies for the Miramar Pipeline.

Client Reference: Kevin Panzer • 909.621.5568 • kpanzer@tvmwd.com

III. Listing of Subcontractors

Insight's team will consist of Insight performing the responsibilities of the project manager and to provide the full range of services, we have supplemented our team with the following firms:

HDR is a nationally recognized engineering and consulting firm with deep water infrastructure and asset management experience. For this project, HDR will support pipeline condition assessment planning, data interpretation, and engineering evaluation, drawing on its experience with buried pipeline assets, condition assessment technologies, and renewal/rehabilitation planning for water utilities. HDR provide traffic control through Right of Way, Inc.

Right of Way will provide traffic control support for field activities requiring access within public rights-of-way, including work zones associated with tracking locations, insertion, and extraction activities. Traffic control will be coordinated with the project team and implemented to provide safe access for field crews, protect the traveling public, and maintain compliance with applicable local requirements and the latest WATCH Manual. Where lane closures are required, Right of Way will furnish the necessary traffic control devices, signage, flaggers, lane closures, and public safety measures appropriate for the approved field work plan.

Simpson Gumpertz & Heger (SGH) is a national engineering firm specializing in structural engineering, advanced analysis, engineering mechanics, and the investigation and rehabilitation of complex infrastructure. SGH will provide the structural evaluation, failure risk analysis, failure risk curves, repair prioritization, and engineering recommendations for the BWP portions of the pipeline. SGH's work will use the results, available pipeline records, operating pressures, external loading information, pipe class information, and applicable AWWA M9 procedures to translate observed distress findings into defensible engineering recommendations consistent with the RFP's Task 5 requirements

IV. Proposed Equipment

Insight Water Technologies intends to utilize the XK1 free-swimming inspection tool in a 24D configuration to assess the BWP. The XK1 can be inserted and extracted through 12-inch access outlets/manways or larger while the pipe is depressurized and meets the requirements outlined in the **Inspect Accuracy Requirements table** of the RFP. Insight will provide the inspection device and the associated insertion, tracking, and extraction equipment needed to complete the inspection.

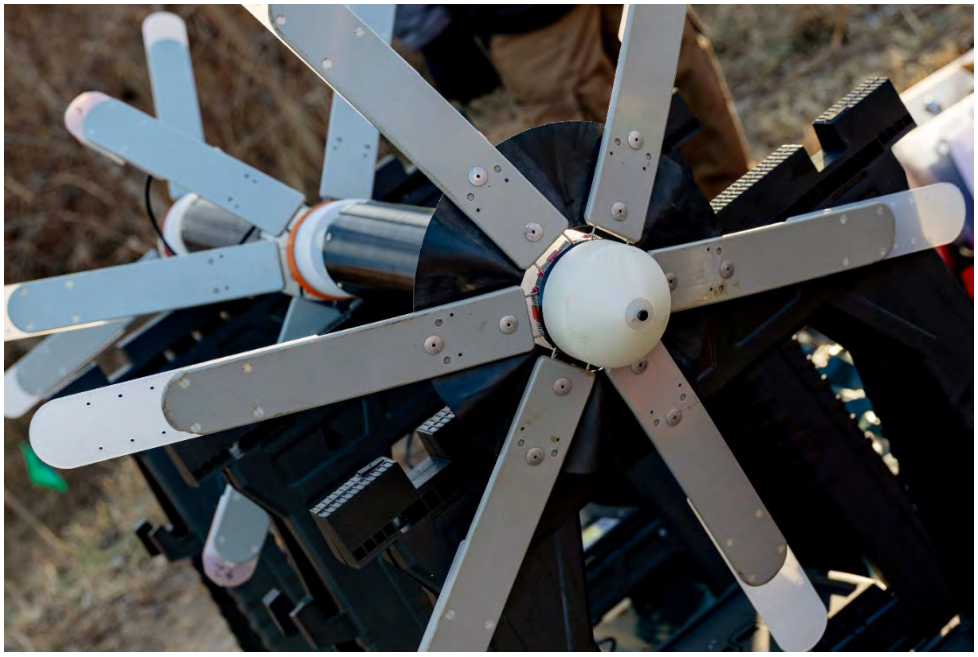
The XK1 is a neutrally buoyant, free-swimming inspection tool that is deployed into the pipeline and conveyed by controlled flow. The tool body includes battery modules, electromagnetic sensors, and acoustic sensors that support detection and reporting of broken wire distress, leak anomalies, and potential pockets of trapped gas. Because the tool is flow-propelled, the inspection plan will confirm that adequate and stable flow can be maintained for the inspection run before launch. Based on prior similar deployments, steady flow is preferred, with the tool

moving at a controlled velocity through the pipeline rather than experiencing repeated acceleration, deceleration, or stoppage. The XK1 inspection tool also includes the following characteristics:

- **Retrieval success rate** – for XK1 our retrieval rate is 100%. Inline valves especially Butterfly Valves are an issue, and we will ask that they be positioned in an optimum setting for safe passage – this information will be included in the planning/work document.
- **Typical inspection production rate** – Flow dependent (90% of flow rate); the final inspection duration will be confirmed during planning based on achievable operating flow, insertion/extraction locations, and the inspection segment length.
- **Minimum flow requirements** – 0.5ft/s
- **Maximum flow limitations** – 3ft/s
- **Pressure limitations** – 450psi
- **Pipe geometry limitations** – Capable of traversing butterfly valves 24 inches and larger and bends with a minimum radius of 1D. Record drawings will be reviewed during planning to identify any appurtenances or geometric features that may restrict tool passage.

The proposed inspection equipment will include the XK1 inspection tool, insertion hardware, extraction hardware, tracking sensors, remote tracking units, cable and power accessories, and field support equipment required for tool preparation, tracking, launch, capture, and demobilization. Insight will also provide clean staging materials such as tarps, saw horses, tables, hand tools, adhesive for tracking sensors, marking supplies, and lift/retrieval aids as needed for the inspection. Equipment that will contact potable water will be cleaned and disinfected before insertion in accordance with the project-specific disinfection procedure approved for the work.

Figure 0-1: Insight Water Technologies XK1



The XK1 is typically inserted by isolating and depressurizing the selected insertion location, removing the access cover or spool/manway component, staging the tool on clean tarps or supports, disinfecting the tool and insertion hardware, loading the tool into the pipeline, routing or securing any required launch tether, and reassembling the access point before the pipeline is refilled and flow is stabilized. Prior to launch, the team will complete a pre-launch checklist to confirm that the tool is powered, tracking sensors are online, the insertion location is secure, sufficient flow is available, and project communication protocols are established.

Tool tracking will be performed using external acoustic tracking sensors positioned along the pipeline at strategic locations. Tracking sensors will be located near the insertion point, downstream of key bends or appurtenances, near valves or other potential restrictions, and at the proposed extraction location. The sensors will detect acoustic pulses emitted by the inspection tool and will be used to confirm tool passage, estimate tool velocity, support operational decision-making during the inspection, and help locate the tool if movement slows or stops unexpectedly. Where sensors must be placed in vaults or manholes, these locations will be accessed using appropriate confined space procedures and traffic control as required.

The XK1 is typically extracted by capturing the tool at a planned downstream retrieval location and removing it through an existing manway, access outlet, spool section, or other suitable opening. Depending on the final insertion and extraction configuration, extraction equipment may include a capture net or similar capture device, a pressurized camera or visual confirmation method, retrieval tether, lifting/lasso device, and temporary fittings needed to support safe capture and recovery. After the tool is recovered, the inspection data will be downloaded and reviewed for file integrity before the tool and support equipment are demobilized.

The proposed equipment approach is based on a similar insertion, free-swimming inspection, tracking, capture, and extraction process used on comparable potable transmission main inspections, but it will be adapted to TVMWD’s pipeline configuration, access constraints, operating requirements, and final shutdown/flow plan.

HDR will support the inspection by providing field coordination and access support needed to safely and efficiently complete the XK1 deployment. This support will include coordinating traffic control requirements with Right of Way in advance of the work, confirming access needs at each surface location, and helping establish safe work zones around vaults, manholes, and other access points used during the inspection. HDR field staff will support the opening of manways and entering chambers, enter chambers as needed to install tracking equipment, and assist with field activities associated with XK1 insertion, tracking, capture, and extraction. HDR will also provide confined space safety equipment required for manhole and chamber entry, including the equipment needed to support safe entry procedures, atmospheric monitoring, ventilation, retrieval, and communication during field activities.

Figure 0-2: XK1 Before Insertion

TVMWD will be responsible for operating the pipeline and making system adjustments necessary to support the inspection window. These responsibilities will include turning valves as needed (for insertion and extraction of the XK1 as well as during the inspection itself), coordinating and controlling deliveries to member agencies so that system demands are managed during the inspection, and dewatering the pipeline to facilitate the safe installation and recovery of the XK1 tool. TVMWD will also be responsible for removing and reinstalling manway flanges or other District-owned access points required to provide physical access to the pipeline. These operational activities will be coordinated with the inspection team so that access, flow conditions, shutdown timing, dewatering, and restoration are aligned with the approved inspection plan. If needed HDR can seek a contractor for manway removal and reinstallation, but it is assumed the district would prefer to operate and work on their pipeline. Insight and HDR welcome the opportunity to discuss the districts intent and preference for manway removal and installation.

SGH will support the data processing and engineering evaluation required under Task 5 by reviewing the EM inspection results and available background information, performing structural evaluation of the BWP pipe classes, developing failure risk assessment curves for up to four pipe classes, evaluating the significance of observed defects and deterioration mechanisms, identifying areas of elevated risk, and recommending priority rankings and repair, monitoring, or additional investigation where warranted. SGH's analysis will distinguish measured, estimated, and inferred inputs where appropriate and will provide the technical basis for remaining useful

life considerations and repair prioritization presented in the final condition assessment deliverables.

V. Cost/Fee Proposal

Insight has reviewed the District's cost structure guidance and has developed the following fee proposal to provide transparent pricing for the Miramar Pipeline Condition Assessment Phase 1. The proposed fee structure is organized around the primary services shown in the fee table below, including project setup and mobilization, BWP inspection and data collection, project reporting, structural curves and finite element analysis, and traffic control.

Project setup and mobilization are presented as a lump sum based on one mobilization for the proposed inspection work. This fee includes the planning, preparation, equipment coordination, field readiness, mobilization, and demobilization activities required to support the inspection approach. The final setup and mobilization plan will be coordinated with the District based on access locations, operating constraints, and the approved inspection schedule.

The BWP inspection fee is presented on a per-mile basis for approximately 3.2 miles of inspection. The fee reflects collection and analysis of wall loss, acoustic, and visual data using the proposed inspection approach. This pricing structure allows the District to clearly see the inspection quantity, unit rate, and corresponding fee associated with the base inspection scope.

Project reporting is included as a lump sum and will include preparation of the inspection deliverables, presentation of findings, quality assurance/quality control review, and incorporation of District comments into the final report.

Item	**Unit Rate**	**Qty**	**Rate**	**Fees**
Project Setup and Mobilization	Lump Sum	1	$70,000	$70,000
BWP Inspection including wall loss, acoustic, and visual data	Per Mile	3.2	$70,000	$224,000
Project Recording	Lump Sum	1	$24,000	$24,000
Structural Evaluation, Failure Risk Analysis, and Repair Prioritization of BWP (SGH)	Lump Sum	1	$76,000	$76,000
Traffic Control (Right of Way)	Per Day	5	$3,248.87	$16,244.35
			Total	$410,244.35

VI. Acknowledgement of Standard Agreement and Insurance Requirements

Insight has reviewed the District's standard agreement and does not have any exceptions to make. We acknowledge the agreement and insurance requirements and will be able to meet them.

VII. Public Works Consultant Registration Certification

2000004485 - Insight Water Technologies

Customer Account Lookup

PWCR	Legal Entity Name
2000004485	Insight Water Technologies
Contractor Status	Doing Business As (DBA)
DIR Approved	Insight Water Technologies
CSLB	Business Structure
	Corporation - C corp
Business Phone	President
16026860311	Myron Shenkiryk
Ext	Email
	mshenkiryk@insightwt.com
Registration Start Date	Registration End Date
2026-08-18	2027-06-30

Crafts

N/A

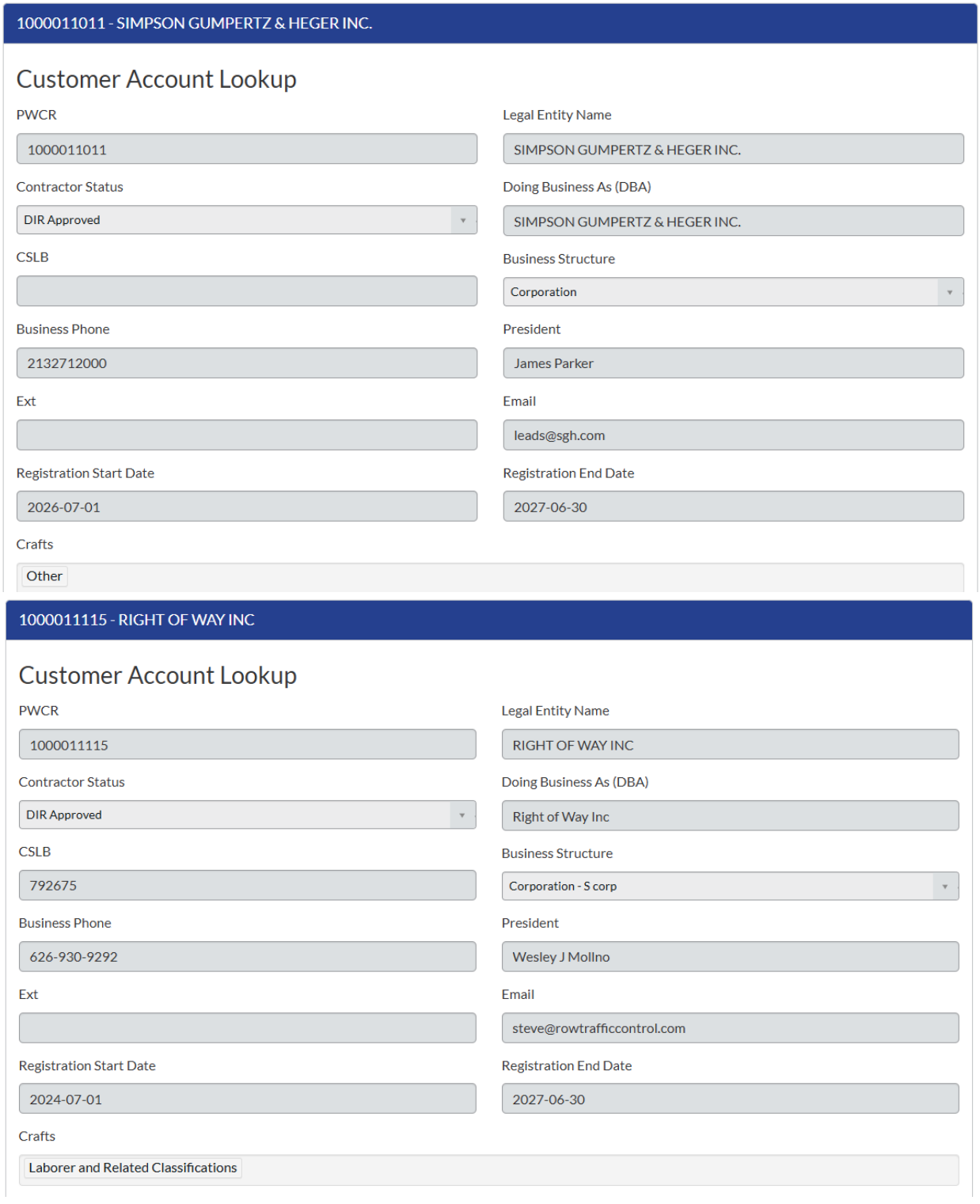
1000018262 - HDR ENGINEERING, INC.

Customer Account Lookup

PWCR	Legal Entity Name
1000018262	HDR ENGINEERING, INC.
Contractor Status	Doing Business As (DBA)
DIR Approved	HDR Engineering, Inc.
CSLB	Business Structure
	Corporation - S corp
Business Phone	President
714-730-2300	Tom McLaughlin
Ext	Email
	belinda.gampon-blue@hdrinc.com
Registration Start Date	Registration End Date
2026-07-01	2027-06-30

Crafts

General Engineering | Inspector/Field Soils, Material Tester



1000011011 - SIMPSON GUMPERTZ & HEGER INC.

Customer Account Lookup

PWCR: 1000011011	Legal Entity Name: SIMPSON GUMPERTZ & HEGER INC.
Contractor Status: DIR Approved	Doing Business As (DBA): SIMPSON GUMPERTZ & HEGER INC.
CSLB:	Business Structure: Corporation
Business Phone: 2132712000	President: James Parker
Ext:	Email: leads@sgh.com
Registration Start Date: 2026-07-01	Registration End Date: 2027-06-30

Crafts: Other

1000011115 - RIGHT OF WAY INC

Customer Account Lookup

PWCR: 1000011115	Legal Entity Name: RIGHT OF WAY INC
Contractor Status: DIR Approved	Doing Business As (DBA): Right of Way Inc
CSLB: 792675	Business Structure: Corporation - S corp
Business Phone: 626-930-9292	President: Wesley J Mollno
Ext:	Email: steve@rowtrafficcontrol.com
Registration Start Date: 2024-07-01	Registration End Date: 2027-06-30

Crafts: Laborer and Related Classifications

VIII. Addendum Acknowledgement

Insight acknowledges that no addenda have been released by Three Valleys Municipal Water District for this RFP as of the date of this proposal.

THREE VALLEYS MUNICIPAL WATER DISTRICT

BOARD ACTION

BOARD OF DIRECTORS
STAFF REPORT

To:	TVMWD Board of Directors
From:	Matthew H. Litchfield, General Manager
Date:	September 16, 2026
Subject:	Approve Salary Schedule Effective July 1, 2026

Staff Recommendation
Staff recommends approval of the salary schedule to be effective July 1, 2026.

Discussion
Pursuant to CalPERS and California Code of Regulations Section 570.5, salary schedule changes must be approved and adopted by the employer's governing body according to the requirements of applicable public meeting laws.

On June 24, 2026, the Board of Directors approved an updated employment agreement with the General Manager, which was subsequently ratified on September 2, 2026. The agreement established the General Manager's approved salary effective July 1, 2026.

To ensure the District's publicly adopted salary schedule accurately reflects the compensation authorized under the General Manager's employment agreement, staff is presenting an updated salary schedule for Board approval. The revised salary schedule incorporates the General Manager's approved salary, effective July 1, 2026.

No other salary ranges or classifications are being modified as part of this update.

Fiscal Impact
None. This action updates the salary schedule to reflect the General Manager's previously approved compensation and does not result in additional fiscal impact.

Environmental Impact
None

Strategic Plan Objective(s)
2.2 – Accountability

Attachment(s)
Exhibit A – Salary Schedule effective July 1, 2026

Meeting History
Board of Directors Meeting, September 2, 2026, Action Item
Board of Directors Meeting, June 24, 2026, Action Item

NA/VR

THREE VALLEYS MUNICIPAL WATER DISTRICT
ANNUAL SALARY RANGE BY CLASSIFICATION
Effective: July 1, 2026

CLASSIFICATION	JOB CODE	ANNUAL SALARY RANGE		
		Minimum	Mid	Maximum
ADMINISTRATIVE ASSISTANT	129	$ 60,311	$ 70,363	$ 84,436
ADMINISTRATIVE/COMMUNICATIONS ASSISTANT*	102	$ 76,920	$ 89,741	$ 107,689
CHIEF ADMINISTRATIVE OFFICER*	104	$ 235,751	$ 275,043	$ 330,052
CHIEF FINANCE OFFICER	105	$ 229,578	$ 267,842	$ 321,410
CHIEF OPERATIONS OFFICER	106	$ 205,638	$ 239,911	$ 287,893
CHIEF WATER RESOURCES OFFICER	107	$ 212,955	$ 248,447	$ 298,136
EXECUTIVE BOARD SECRETARY	111	$ 112,030	$ 130,702	$ 156,842
FINANCE ANALYST	101	$ 77,633	$ 90,572	$ 108,686
FINANCE MANAGER	119	$ 128,425	$ 149,830	$ 179,796
GOVERNMENT AFFAIRS MANAGER	128	$ 156,206	$ 182,240	$ 218,688
HUMAN RESOURCES/RISK MANAGER	113	$ 152,925	$ 178,412	$ 214,095
INFORMATION TECHNOLOGY ANALYST	127	$ 84,801	$ 98,934	$ 118,721
INFORMATION TECHNOLOGY MANAGER	114	$ 159,423	$ 185,994	$ 223,192
INSTRUMENTATION/ELECTRICAL SYSTEM OPERATOR	115	$ 112,011	$ 130,680	$ 156,816
OPERATIONS MANAGER - DISTRIBUTION & FACILITIES MAINTENANCE	116	$ 144,389	$ 168,454	$ 202,145
OPERATIONS MANAGER -TREATMENT & LABORATORY	117	$ 161,178	$ 188,041	$ 225,650
PLANT ASSISTANT	118	$ 61,897	$ 72,213	$ 86,656
PRINCIPAL ENGINEER	109	$ 148,079	$ 172,759	$ 207,311
SCADA ELECTRICAL TECHNICIAN	130	$ 100,312	$ 117,031	$ 140,437
SHIFT OPERATOR II	120	$ 76,181	$ 88,878	$ 106,653
SHIFT OPERATOR III	121	$ 93,761	$ 109,388	$ 131,266
SHIFT OPERATOR IV	122	$ 105,637	$ 123,243	$ 147,891
SHIFT OPERATOR V	123	$ 108,692	$ 126,807	$ 152,169
SR. WATER QUALITY & COMPLIANCE ANALYST	108	$ 116,226	$ 135,597	$ 162,717
WATER RESOURCES ANALYST I	124	$ 89,169	$ 104,031	$ 124,837
WATER RESOURCES ANALYST II	125	$ 105,995	$ 123,661	$ 148,393
WATER RESOURCES ANALYST III	126	$ 124,849	$ 145,657	$ 174,788
WATER RESOURCES SPECIALIST	131	$ 85,525	$ 99,780	$ 119,736
		HOURLY		
WATER RESOURCES INTERN (PT)	127	$ 20.00	$ 22.50	$ 25.00
		SALARY		
GENERAL MANAGER	112		$ 376,826	

Based on Board approval, an adjustment to each salary range classification will be considered for July 1 of each year. Range adjustments are tied to changes in the Consumer Price Index - Urban Wage Earners and Clerical Workers for Los Angeles-Long Beach-Anaheim as prepared by the Bureau of Labor Statistics, from current year annual to the prior year annual. The adjustment to each salary range is intended to keep TVMWD's salary ranges at the market level and may not necessarily impact individual salaries. The opportunity for individual salary increases will continue under the merit-based system employed by TVMWD. An important note is that an employee's annual salary may be below the minimum salary range if: (1) their annual evaluation has not yet occurred in the current fiscal year or (2) their performance documented in prior annual evaluations has not merited an increase that has kept up with index adjustments to the salary ranges.

Shift Differential Pay

- Operators and plant assistants who work on Friday, Saturday or Sunday will be compensated with 10% additional pay for those hours.
- Shift differential pay is considered special compensation and will be reported to CalPERS as such.

On-Call Pay

- Standby operators who serve as the on-call standby operator each evening will be paid $45 per day ($90 on holidays).
- Lab operators who serve as the on-call plant operator each evening will be paid $100 per day ($200 on holidays).

- In addition to receiving the on-call pay noted above, the on-call operators will be paid for the additional time spent responding to situations.
    - If responding by phone/tablet/laptop only, the on-call operator will be guaranteed at least 15 minutes of additional pay. All time over 15 minutes will be rounded up to the nearest 15 minute increment.
    - If responding in person, the on-call operator will be guaranteed at least two hours of additional pay. All time over two hours (portal to portal) will be rounded up to the nearest 15 minute increment.
    - Operators will be eligible for OT and shift differential pay as applicable for time spent responding.
- On-call pay is not considered special compensation and thus will not be included as a part of final compensation in calculating CalPERS pension.

Holiday Pay

- Any employee scheduled who works on either the actual holiday or the observed holiday will be paid at one and one-half times the employee's regular rate of pay. Since the employee is working the holiday, the employee will also be paid an additional ten hours at regular pay for that holiday.

BOARD INFORMATION

THREE VALLEYS MUNICIPAL WATER DISTRICT

BOARD OF DIRECTORS
STAFF REPORT

To:	TVMWD Board of Directors
From:	Matthew H. Litchfield, General Manager
Date:	September 16, 2026
Subject:	Draft Cost Sharing Agreement with San Gabriel Valley Municipal Water District for Golden Mussel Mitigation

Staff Recommendation

Receive and file this informational item regarding the draft Cost Sharing Agreement with San Gabriel Valley Municipal Water District for Golden Mussel Mitigation.

Background

Since 2024, the invasive Golden Mussel has been found in State Water Project facilities, including facilities that provide water conveyed through the Devils Canyon-Azusa Pipeline (DCAP) to San Gabriel Valley Municipal Water District (SGVMWD) and, in turn, to any other downstream users. SGVMWD owns and operates the DCAP, which delivers imported water to TVMWD at the North Azusa Connection for treatment and delivery to TVMWD's member agency, Covina Valley Water Company, and for groundwater replenishment in the Main San Gabriel Basin. The California Department of Water Resources (DWR) has agreed to treat the water in the DCAP first afterbay with a copper-based chemical (EarthTec QZ) to combat the Golden Mussel, and SGVMWD bears the costs DWR incurs for that treatment. SGVMWD and TVMWD have been negotiating a Cost Sharing Agreement to allocate the costs, responsibilities, and liabilities associated with the Golden Mussel treatment activities.

Discussion

Staff from TVMWD and SGVMWD have been working together to develop a Cost Sharing Agreement for Golden Mussel Mitigation. The attached draft Agreement reflects the parties' progress to date and includes the principal business terms that have been negotiated. The parties have not yet finalized Exhibit B, the Sampling and Monitoring Plan, which is intended to address sampling locations and frequency, analytical requirements, costs, reporting, data distribution, and related responsibilities. Exhibit B remains under development and staff is presenting the draft Agreement for information and Board discussion only at this time. No

approval or authorization to execute the Agreement is requested. At a general level, the draft Agreement provides for the following:

- SGVMWD will act as the "Lead Party" for coordination, recordkeeping, invoicing, and administration, while DWR is responsible for implementing the Golden Mussel treatment activities.
- TVMWD will reimburse SGVMWD for its proportional share of the fixed treatment costs DWR assesses to SGVMWD, based on a three-year rolling allocation factor. The factor compares TVMWD deliveries through the North Azusa Connection with total DCAP deliveries attributable to SGVMWD over the same three-year period.
- TVMWD will also reimburse SGVMWD for the actual chemical treatment costs attributable to the water delivered to TVMWD.
- The Agreement also addresses billing and payment procedures, audit rights, emergency response, liability and indemnification, cost-estimate notifications, and dispute resolution between the two agencies.

Staff will continue working with SGVMWD to finalize Exhibit B and any related Agreement language. Once the Agreement is complete and ready for execution, staff intends to return the final agreement to the Board for consideration and approval.

Fiscal Impact

There is no fiscal impact associated with receiving this informational item. Under the current draft Agreement, using calendar-year 2023 through 2025 delivery data, the proposed three-year rolling methodology results in a TVMWD allocation factor of approximately 38.1% for FY 2026/27. This factor would be applied to the fixed Golden Mussel treatment costs DWR assesses to SGVMWD, and TVMWD would also reimburse SGVMWD for actual chemical treatment costs attributable to water delivered to TVMWD. If the Agreement is later approved, the total annual dollar impact will vary based on DWR's final charges and actual treated deliveries and therefore is not yet determinable.

Environmental Impact

None

Strategic Plan Objective(s)

1.1 Water Quality
1.2 Diverse Portfolio
1.3 Infrastructure Reliability
1.4 Operational Efficiency

Attachment(s)

1. Draft Cost Sharing Agreement for Golden Mussel Mitigation

Meeting History
None

SL/ML

COST SHARING AGREEMENT
FOR GOLDEN MUSSEL MITIGATION

This Cost Sharing Agreement for Golden Mussel Mitigation ("Agreement") is entered into as of September __, 2026 ("Effective Date"), by and between San Gabriel Valley Municipal Water District, a municipal water district ("SGVMWD") and Three Valleys Municipal Water District, a municipal water district ("TVMWD"). The parties may each be referred to herein individually as a "Party" and collectively as the "Parties."

RECITALS

WHEREAS, SGVMWD is State Water Contractor that imports water through the State Water Project and owns and operates the Devils Canyon-Azusa Pipeline ("DCAP") to convey that imported water to the San Gabriel Valley; and

WHEREAS, TVMWD is a water wholesaler that procures water, including through SGVMWD, for treatment and delivery to its member agencies; and

WHEREAS, SGVMWD delivers imported water through the DCAP to TVMWD at the North Azusa Connection for use by TVMWD's customer, Covina Valley Water Company ("CVWC") pursuant to the North Azusa Connection Agreement between TVMWD and CVWC (the "NAC Agreement"); and

WHEREAS, since 2024, the invasive species commonly known as the Golden Mussel (Limnoperna fortunei) ("Golden Mussel") has been found in State Water Project facilities, including in facilities that provide water that is transmitted by the DCAP for delivery to SGVMWD and TVMWD; and

WHEREAS, the California Department of Water Resources ("DWR"), which operates the State Water Project, has agreed to provide water treatment in the DCAP first afterbay to combat the Golden Mussel through conveyance of such treatment chemicals (copper-based EarthTec QZ) through the DCAP; and

WHEREAS, SGVMWD must bear the costs that DWR incurs in connection with the specified treatment of the Golden Mussel and the Parties desire to cooperate in implementing the necessary treatment to prevent, control, or mitigate the introduction, spread, or impacts of Golden Mussels; and

WHEREAS, the Parties desire to establish a framework for allocating costs, responsibilities, risks, and liabilities associated with such activities;

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, the Parties agree as follows:

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1. DEFINITIONS

1.1 "Approved Costs" means reasonable and documented costs incurred in connection with the activities described in this Agreement, including without limitation:

- chemical treatment;
- filtration systems;
- monitoring and testing;
- inspection and sampling;
- engineering and consulting services;
- environmental compliance;
- labor and contractor costs;
- equipment procurement and maintenance;
- emergency response measures; and
- legal and regulatory compliance costs.

Notwithstanding the foregoing, costs reimbursable by TVMWD shall be limited to those expressly provided for in Section 4.

1.2 "Treatment Activities" means all activities undertaken to detect, prevent, control, eradicate, contain, or mitigate Golden Mussels in connection with the DCAP and conveyance of water to TVMWD, including operational, chemical, biological, mechanical, engineering, and monitoring activities.

1.3 "Project Area" means the facilities, pipelines, treatment plants, infrastructure, or geographic areas identified in Exhibit A.

1.4 "Regulatory Authority" means any federal, state, tribal, provincial, municipal, or local governmental agency or authority having jurisdiction over the Project Area or Treatment Activities.

2. PURPOSE AND SCOPE

2.1 Purpose. The purpose of this Agreement is to:

- coordinate Treatment Activities;
- allocate costs associated with Treatment Activities;
- establish procedures for budgeting, invoicing, and reimbursement;
- allocate liabilities and risks among the Parties; and

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- establish governance and dispute resolution procedures.

2.2 Scope. This Agreement applies to all Treatment Activities undertaken by or on behalf of the Parties within the Project Area unless otherwise agreed in writing.

3. GOVERNANCE AND COORDINATION

3.1 Coordination. SGVMWD will coordinate with the management of TVMWD and CVWC to keep them informed regarding the Treatment Activities, costs that are incurred to be Approved Costs, any emergency response measures, review of compliance obligations and to oversee implementation of this Agreement.

3.2 Lead Party. SGVMWD will be the "Lead Party" responsible for:

- coordinating with DWR and any outside contractors and consultants;
- maintaining records;
- invoicing and cost accounting;
- communicating with Regulatory Authorities; and
- administering project activities.

4. COST SHARING

4.1 General Allocation. Costs shall be allocated in accordance with the methodologies set forth below for each applicable cost category:

4.1.1. Fixed Infrastructure Cost Share. TVMWD shall reimburse SGVMWD for its proportional share of the fixed costs assessed to SGVMWD by the California Department of Water Resources ("DWR") for the Golden Mussel Treatment Program. For purposes of this Section, fixed costs shall be limited to fixed project costs separately assessed to SGVMWD by DWR under the applicable State Water Project Statement of Charges, unless otherwise agreed to in writing by the Parties.

TVMWD's proportional share shall be determined annually using a three-year rolling allocation factor. The allocation factor shall equal the total volume of water delivered through the DCAP on behalf of TVMWD during the three most recently completed calendar years, regardless of delivery point, divided by the total volume of water delivered into the San Gabriel Valley/Azusa Pipeline attributable to SGVMWD during the same three-year period, as reflected in DWR's official metered delivery records or other mutually agreed operational records. For purposes of this calculation, deliveries on behalf of TVMWD shall include water conveyed through the DCAP and designated in the applicable delivery records as attributable to TVMWD, including deliveries made for TVMWD storage, exchange, or replenishment purposes.

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The resulting allocation factor shall be established prior to the beginning of each fiscal year and shall remain fixed for that fiscal year. For the fiscal year ending June 30, 2027, the allocation factor shall be calculated using calendar-year deliveries for 2023 through 2025.

4.1.2. Variable Chemical Treatment Cost. TVMWD shall reimburse SGVMWD for the actual chemical treatment cost attributable to water delivered on TVMWD's behalf. Such cost shall equal the actual per-acre-foot chemical treatment charge invoiced to SGVMWD by the California Department of Water Resources (DWR)

4.1.3. Administrative / Wheeling Charge. The Parties acknowledge that TVMWD currently pays SGVMWD a wheeling charge under existing agreements for water conveyed through the Devils Canyon-Azusa Pipeline, which includes compensation for routine operational administration. Should the Golden Mussel Treatment Program result in material additional administrative, operational, accounting, regulatory compliance, reporting, or management responsibilities beyond those contemplated under the existing wheeling arrangement, the Parties agree to meet and confer in good faith to determine whether an adjustment to the existing wheeling charge is appropriate.

4.2 Billing and Payment Process. SGVMWD shall bill TVMWD for amounts due under Section 4.1 and shall include supporting documentation sufficient to identify the applicable DWR charges and the calculation of TVMWD's share. Amounts due shall be paid to SGVMWD within thirty (30) days after receipt of invoice.

4.3 True-Up. To the extent DWR adjusts or reconciles costs previously assessed to SGVMWD for the Golden Mussel Treatment Program, SGVMWD shall make a corresponding adjustment to amounts charged to TVMWD in accordance with the applicable cost allocation methodology under Section 4.1. Any resulting amount due to TVMWD shall be provided as a credit, and any additional amount due to SGVMWD shall be invoiced to TVMWD with supporting documentation.

4.4 Emergency Costs. In the event of an emergency involving actual or imminent Golden Mussel infestation, the Lead Party may incur reasonable emergency costs without prior approval where necessary to:

- protect public health or safety;
- prevent substantial infrastructure damage;
- comply with legal obligations; or
- contain or mitigate rapid infestation.

Emergency costs shall remain subject to cost allocation under this Agreement.

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4.5 Audit Rights. TVMWD shall have the right, upon reasonable written notice of at least seventy-two (72) hours to SGVMWD, to inspect and audit records relating to costs and delivery quantities used to calculate amounts charged to TVMWD under this Agreement. If an audit identifies an error or discrepancy in amounts billed to TVMWD, SGVMWD shall promptly correct the billing and either issue a credit or refund to TVMWD for any overpayment or invoice TVMWD for any underpayment, together with supporting documentation. If the audit determines that TVMWD was overbilled by more than five percent (5%) of the amount properly due for the period audited, SGVMWD shall provide TVMWD an additional credit equal to four percent (4%) of the amount overbilled.

4.6 Cost Estimates and Notice of Changes. SGVMWD shall provide TVMWD with copies of DWR's estimated costs for the Golden Mussel Treatment Program and shall notify TVMWD of any material change in estimated costs for which DWR requests SGVMWD's concurrence. Such information shall be provided to TVMWD sufficiently in advance, to the extent practicable, to allow TVMWD to evaluate the anticipated financial impact.

5. LIABILITY ALLOCATION

5.1 General Allocation of Liability. Except as otherwise expressly provided herein:

- each Party shall be responsible for its own acts, omissions, negligence, gross negligence, willful misconduct, and violations of law;

5.2 Environmental Liability. Each Party shall remain responsible for:

- compliance with environmental laws applicable to its own facilities and operations;
- contamination or releases caused by its personnel, contractors, or agents; and
- obtaining permits specifically assigned to that Party.

5.3 Third-Party Claims. SGVMWD shall defend, indemnify, and hold harmless TVMWD and its directors, officers, employees, and agents from and against any third-party claims, liabilities, damages, losses, costs, or expenses, including reasonable attorneys' fees, to the extent arising out of or resulting from SGVMWD's negligence, willful misconduct, violation of applicable law, breach of this Agreement, or environmental contamination resulting from SGVMWD's activities under this Agreement.

TVMWD shall defend, indemnify, and hold harmless SGVMWD and its directors, officers, employees, and agents from and against any third-party claims, liabilities, damages, losses, costs, or expenses, including reasonable attorneys' fees, to the extent arising out of or resulting from TVMWD's negligence or willful misconduct in connection with this Agreement.

5.4 Limitation of Liability. Except for obligations relating to:

- indemnification;
- gross negligence;
- willful misconduct;
- fraud; or
- unpaid payment obligations,

no Party shall be liable to the other Party for consequential, incidental, exemplary, or punitive damages.

6. COORDINATION WITH DWR

6.1 Treatment Activities. SGVMWD will coordinate all Treatment Activities with DWR. SGVMWD will keep TVMWD and CVWC informed on at least a monthly basis of the status of Treatment Activities and of the effectiveness of those activities.

7. REGULATORY COMPLIANCE

7.1 Compliance Obligations. The Parties shall comply with all applicable laws, regulations, permits, and governmental directives with respect to their individual operations relating to:

- invasive species control;
- water treatment;
- environmental protection;
- chemical usage and disposal;
- worker safety; and
- public health.

7.2 Reporting. To the extent applicable, the Parties shall cooperate in preparing and submitting any required reports to Regulatory Authorities.

7.3 Permits; CEQA. SGVMWD shall be responsible for obtaining any necessary permits for the Treatment Activities, including any permit required by the Los Angeles Regional Water Quality Control Board. SGVMWD shall be the lead agency for CEQA purposes and has filed a Notice of Exemption for the Treatment Activities.

7.4 **Monitoring and Sampling Plan.** The Parties acknowledge that monitoring and sampling activities are required to comply with applicable regulatory requirements associated with Golden Mussel mitigation activities. SGVMWD shall maintain a Monitoring and Sampling Plan, as specified in Exhibit B hereto, identifying sampling locations, frequency, responsible

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parties, estimated costs, analytical requirements, and procedures for reporting and data distribution. The Monitoring and Sampling Plan, attached to this Agreement as Exhibit B, may be updated periodically by mutual agreement of the Parties.

8. DATA SHARING AND CONFIDENTIALITY

8.1 Data Sharing. The Parties shall share reasonably necessary operational, monitoring, sampling, and treatment data related to the Treatment Activities and Golden Mussel mitigation.

8.2 Confidential Information. Confidential business, security-sensitive, or proprietary information shall be protected from unauthorized disclosure to the extent permitted by law.

8.3 Public Records. As public agencies, SGVMWD and TVMWD are subject to the California Public Records Act and will comply with that act's requirements as applicable.

9. TERM AND TERMINATION

9.1 Term. This Agreement shall commence on the Effective Date and continue until all Treatment Activities have ceased or as specified in Section 9.2.

9.2 Termination for Cause. A Party may terminate this Agreement for material breach if such breach is not cured within thirty (30) days after written notice.

9.3 Survival. The following provisions shall survive termination:

- payment obligations incurred prior to termination;
- indemnification;
- confidentiality;
- audit rights; and
- liability allocations relating to events occurring prior to termination.

10. DISPUTE RESOLUTION

10.1 Negotiation. The Parties shall first attempt in good faith to resolve disputes through executive-level negotiations.

10.2 Mediation. If unresolved within sixty (60) days after first negotiation meeting under Section 10.1, the dispute shall be submitted to mediation.

10.3 Litigation / Arbitration. Any dispute that is not resolved under Sections 10.1 and 10.2 shall be resolved by litigation in the Los Angeles County Superior Court.

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10.4 Governing Law. This Agreement shall be governed by the laws of the State of California, without regard to conflict-of-law principles.

11. MISCELLANEOUS

11.1 Entire Agreement. This Agreement constitutes the entire agreement among the Parties relating to the subject matter herein.

11.2 Amendments. This Agreement may only be amended by a written instrument signed by authorized representatives of the Parties.

11.3 Assignment. No Party may assign this Agreement without prior written consent of the other Parties, except to a successor entity by merger or operation of law.

11.4 No Partnership. Nothing herein creates a partnership, joint venture, fiduciary relationship, or agency relationship among the Parties.

11.5 Notices. All notices shall be delivered to the addresses listed below or such other address as designated in writing.

11.6 Counterparts; Electronic Signatures. This Agreement may be executed in counterparts, each of which shall be deemed an original. This Agreement may be executed by signatures transmitted electronically, including by e-mail, PDF, DocuSign or similar application, and any such electronically transmitted signature shall be as valid as an original signature.

11.7 Severability. If any provision is held invalid or unenforceable, the remaining provisions shall remain in full force and effect.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the Effective Date.

San Gabriel Valley Municipal Water District

By_____

Its:_____

Three Valleys Municipal Water District

By_____

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Its:_____

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EXHIBIT A

DIAGRAM OF PROJECT AREA

DCAP AND TREATMENT FACILITY

EXHIBIT B

SAMPLING AND MONITORING PLAN

Sampling locations

Sample frequency

Constituents analyzed

Lab Cost

Estimated Annual cost of compliance

Reporting schedule and distribution list

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BOARD INFORMATION

THREE VALLEYS MUNICIPAL WATER DISTRICT

BOARD OF DIRECTORS
STAFF REPORT

To: TVMWD Board of Directors

From: Matthew H. Litchfield, General Manager

Date: September 16, 2026

Subject: Legislative Update – September 2026

Staff Recommendation
No Action Necessary – Informational Item Only

Discussion
The state legislature extended their session by one day before formally adjourning the two year session on September 1. The Governor now has until midnight on Sep. 30 to act on legislation sent to him by the Legislature. The Governor has three options: sign the bill into law, veto the bill, or allow the bill to become law without his signature.

Attached is the most current Legislative Status Report (LSR) provided by our state lobbyist. Among these are seventeen bills we have actively tracked or taken a position on. Staff will provide a more comprehensive review at the board meeting and our lobbyist will present in October, once the deadline has passed for the Governor to act on any of the bills that made it to his desk.

The Upcoming 2027-2028 Legislative Session

The California general election takes place on Nov. 3. All 80 Assembly districts and 20 of the 40 Senate districts will have elections. None of our current TVMWD legislators will be terming out this year. The new 2027-2028 Legislative Session officially begins on Monday December 7 with the swearing in of the newly elected members of the Legislature. New bills are then allowed to be introduced. Traditionally, most of December is spent organizing both houses.

Fiscal Impact
None

Environmental Impact
None

Strategic Plan Objective(s)
1.5 – Advocacy
2.4 – Legislation

Attachment(s)
Exhibit A – 2026 Legislative Calendar
Exhibit B – TVMWD Legislative Status Report

Meeting History
None

NA/KH

Arnold and Associates, Inc.
Legislative Advocates and Consultants

2026 Legislative Calendar

Jan. 1	Statutes take effect
Jan. 5	Legislature reconvenes
Jan. 10	Budget must be submitted by Governor
Jan. 16	Last day for policy committees to hear and report to fiscal committees fiscal bills introduced in their house in the odd-numbered year
Jan 23	Last day for any committee to hear and report to the floor bills introduced in that house in the odd-numbered year Also, the last day to submit bill requests to the Office of Legislative Counsel
Jan 31	Last day for each house to pass bills introduced in that house in the odd-numbered year
Feb. 20	Last Day for bills to be introduced
Mar 26	Spring Recess begins upon adjournment of session
April 6	Legislature reconvenes from Spring Recess
April 24	Last Day for policy committees to hear and report to fiscal committees fiscal bills introduced in their house
May 1	Last Day for policy committees to hear and report to the floor nonfiscal bills introduced in their house
May 8	Last Day for policy committees to meet prior to June 1
May 15	Last Day for fiscal committees to hear and report to the Floor non-fiscal bills introduced in their house. Last day for fiscal committees to meet prior to June 1
May 26-29	Floor Session Only
May 29	Last Day for each house to pass bills introduced in that house.
June 1	Committee meetings may resume
June 15	Budget Bill must be passed by midnight
July 2	Last Day for policy committee to meet and report bills. Summer Recess begins upon adjournment of session provided Budget Bill has been passed
Aug. 3	Legislature reconvenes from Summer Recess
Aug 14	Last Day for fiscal committees to meet and report bills to the floor
Aug 17-31	Floor session only
Aug 21	Last day to amend on the Floor.
Aug 31	Last Day for each house to pass bills. Final recess begins upon adjournment
Sep 30	Last Day for Governor to sign or veto bill passed by the Legislature on or before Sep. 1

Phone: (916) 446-2646 ◊ Fax: (916) 446-6095
1127 11th Street, Suite 820, Sacramento, CA 95814

Three Valleys Municipal Water District **Sorted by: Measure**
Legislative Status Report 9/4/2026 **Friday, 09/04/2026**

AB 35 (Alvarez, D) Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024: Administrative Procedure Act: exemption: program guidelines and selection criteria.

Current Text: 07/16/2026 - Chaptered **HTML** **PDF**
Introduced: 12/02/2024
Last Amended: 06/11/2026
Status: 07/16/2026 - Approved by the Governor. Chaptered by Secretary of State - Chapter 89, Statutes of 2026.
Location: 07/16/2026 - Assembly CHAPTERED
Summary: The Administrative Procedure Act sets forth the requirements for the adoption, publication, review, and implementation of regulations by state agencies. The Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024 (act), approved by the voters as Proposition 4 at the November 5, 2024, statewide general election, authorized the issuance of bonds in the amount of $10,000,000,000 pursuant to the State General Obligation Bond Law to finance projects for safe drinking water, drought, flood, and water resilience, wildfire and forest resilience, coastal resilience, extreme heat mitigation, biodiversity and nature-based climate solutions, climate-smart, sustainable, and resilient farms, ranches, and working lands, park creation and outdoor access, and clean air programs. Existing law authorizes certain regulations needed to effectuate or implement programs of the act to be adopted as emergency regulations in accordance with the Administrative Procedure Act, as provided. Existing law requires the emergency regulations to be filed with the Office of Administrative Law and requires the emergency regulations to remain in effect until repealed or amended by the adopting state agency. This bill, notwithstanding the above, would exempt the adoption of regulations needed to effectuate or implement programs of the act from the requirements of the Administrative Procedure Act, as provided. The bill would require a state entity that receives funding to administer a competitive grant program established using the Administrative Procedure Act exemption to do certain things, including, among other things, to develop draft project solicitation and evaluation guidelines, to transmit copies of those guidelines to the fiscal committees and to the appropriate policy committees of the Legislature, to hold a noticed public meeting on those guidelines, and to submit those guidelines to the Secretary of the Natural Resources Agency, except as provided. (Based on 07/16/2026 text)

Position: Support

AB 109 (Gabriel, D) Budget Act of 2026.

Current Text: 06/29/2026 - Chaptered **HTML** **PDF**
Introduced: 01/08/2025 (Spot bill)
Last Amended: 06/11/2026
Status: 06/29/2026 - Approved by the Governor. Chaptered by Secretary of State - Chapter 19, Statutes of 2026.
Location: 06/29/2026 - Assembly CHAPTERED
Summary: Would make appropriations for the support of state government for the 2026–27 fiscal year. This bill would declare that it is to take effect immediately as a Budget Bill. (Based on 06/29/2026 text)

Position: Support

AB 259 (Rubio, Blanca, D) Open meetings: local agencies: teleconferences.

Current Text: 04/21/2025 - Amended **HTML** **PDF**
Introduced: 01/16/2025
Last Amended: 04/21/2025
Status: 07/01/2026 - Failed Deadline pursuant to Rule 61(b)(13). (Last location was JUD. on 5/14/2025)
Location: 07/01/2026 - Senate DEAD
Summary: The Ralph M. Brown Act, requires, with specified exceptions, that all meetings of a legislative body, as defined, of a local agency be open and public and that all persons be permitted to attend and participate. Current law, until January 1, 2026, authorizes the legislative body of a local agency to use alternative teleconferencing if, during the teleconference meeting, at least a quorum of the members of the legislative body participates in person from a singular physical location clearly identified on the agenda that is open to the public and situated within the boundaries of the territory over which the local agency exercises jurisdiction, and the legislative body complies with prescribed requirements. Current law requires a member to satisfy specified requirements to participate in a meeting remotely pursuant to these alternative teleconferencing provisions, including that specified circumstances apply. Current law establishes limits on the number of meetings a member may participate in solely by teleconference from a remote location pursuant to these alternative teleconferencing provisions, including prohibiting such participation for more than 2 meetings per year if the legislative body regularly meets once per

month or less. This bill would extend the alternative teleconferencing procedures until January 1, 2030. (Based on 04/21/2025 text)

Position: Sponsor

AB 372 (Bennett, D) Office of Emergency Services: state matching funds: water system infrastructure improvements.

Current Text: 08/29/2025 - Amended **HTML** **PDF**
Introduced: 02/03/2025
Last Amended: 08/29/2025
Status: 08/31/2026 - Failed Deadline pursuant to Rule 61(b)(17). (Last location was INACTIVE FILE on 9/3/2025)
Location: 08/31/2026 - Senate DEAD
Summary: Current law charges the Office of Emergency Services (OES) with coordinating various emergency activities within the state. The California Emergency Services Act, contingent upon an appropriation by the Legislature, requires the OES to enter into a joint powers agreement pursuant to the Joint Exercise of Powers Act with the Department of Forestry and Fire Protection to develop and administer a comprehensive wildfire mitigation program relating to structure hardening and retrofitting and prescribed fuel modification activities. Current law authorizes the joint powers authority to establish financial assistance limits and matching funding or other recipient contribution requirements for the program, as provided. This bill, contingent upon appropriation by the Legislature, would establish the Rural Water Infrastructure for Wildfire Resilience Program within the OES for the distribution of state matching funds to urban wildland interface communities, as defined, in designated high fire hazard severity zones or very high fire hazard severity zones to improve water system infrastructure, as prescribed. The bill would require the OES to work in coordination with the Department of Water Resources, the State Water Resources Control Board, the Office of the State Fire Marshal, and other state entities as the OES determines to be appropriate, to achieve the purposes of the program. (Based on 08/29/2025 text)

Position: Watch

AB 467 (Fong, D) Los Angeles Community College District: California Center for Climate Change Education.

Current Text: 06/09/2026 - Amended **HTML** **PDF**
Introduced: 02/06/2025
Last Amended: 06/09/2026
Status: 08/14/2026 - Failed Deadline pursuant to Rule 61(b)(14). (Last location was APPR. SUSPENSE FILE on 8/3/2026)
Location: 08/14/2026 - Senate DEAD
Summary: Existing law establishes community college districts throughout the state, and authorizes them to provide instruction to students at community college campuses. One of these districts is the Los Angeles Community College District. Existing law appropriates $5,000,000 to the Los Angeles Community College District for the development and initial operations of the California Center for Climate Change Education at the West Los Angeles College with the mission to promote climate change education at the California Community Colleges and establish opportunities for students to engage in hands-on internships and other learning opportunities. This bill would codify the establishment of the center. This bill would make legislative findings and declarations as to the necessity of a special statute for the Los Angeles Community College District. (Based on 06/09/2026 text)

Position: Watch

AB 911 (Carrillo, D) Emergency telecommunications medium- and heavy-duty zero-emission vehicles.

Current Text: 02/19/2025 - Introduced **HTML** **PDF**
Introduced: 02/19/2025
Status: 07/01/2026 - Failed Deadline pursuant to Rule 61(b)(13). (Last location was E.Q. on 6/11/2025)
Location: 07/01/2026 - Senate DEAD
Summary: The State Air Resources Board has adopted the Advanced Clean Fleets Regulations, which imposes various requirements for transitioning local, state, and federal government fleets of medium- and heavy-duty trucks, other high-priority fleets of medium- and heavy-duty trucks, and drayage trucks to zero-emission vehicles, as provided. This bill would exempt emergency telecommunications vehicles owned or purchased by emergency telecommunications service providers that are used to participate in the federal Emergency Alert System, to provide access to 911 emergency services, or to provide wireless connectivity during service outages from specified requirements in the above-described regulations. (Based on 02/19/2025 text)

Position: Watch

AB 990 (Hadwick, R) Public water systems: emergency notification plan.

Current Text: 02/20/2025 - Introduced **HTML** **PDF**

Introduced: 02/20/2025
Status: 08/31/2026 - Failed Deadline pursuant to Rule 61(b)(17). (Last location was INACTIVE FILE on 6/30/2025)
Location: 08/31/2026 - Senate DEAD
Summary: Current law prohibits a person from operating a public water system without an emergency notification plan that has been submitted to and approved by the State Water Resources Control Board. Current law requires the emergency notification plan to provide for immediate notice to the customers of the public water system of any significant rise in the bacterial count of water or other failure to comply with any primary drinking water standard that represents an imminent danger to the health of the water users. This bill would authorize and encourage a public water system to provide notification to water users in their preferred language when updating the emergency notification plan, if resources are available. (Based on 02/20/2025 text)

Position: Watch

AB 1146 (Papan, D) Water infrastructure: dams and reservoirs: water release: false pretenses.

Current Text: 06/23/2025 - Amended **HTML** **PDF**
Introduced: 02/20/2025
Last Amended: 06/23/2025
Status: 08/14/2026 - Failed Deadline pursuant to Rule 61(b)(14). (Last location was APPR. SUSPENSE FILE on 8/18/2025)
Location: 08/14/2026 - Senate DEAD
Summary: Would prohibit the release of stored water from a reservoir owned and operated by the United States in this state if the release is done under false pretenses, which the bill would define to mean a release of water from a reservoir owned and operated by the United States in a manner that is knowingly, designedly, and intentionally under any false or fraudulent representation as to the purpose and intended use of the water. The bill would authorize the State Water Resources Control Board or the Attorney General, as provided, to bring an action for injunctive relief for a violation of the above-described prohibition. By expanding the scope of a crime, the bill would impose a state-mandated local program. (Based on 06/23/2025 text)

Position: Watch

AB 1413 (Papan, D) Sustainable Groundwater Management Act: groundwater adjudication.

Current Text: 09/02/2025 - Amended **HTML** **PDF**
Introduced: 02/21/2025 (Spot bill)
Last Amended: 09/02/2025
Status: 08/31/2026 - Failed Deadline pursuant to Rule 61(b)(17). (Last location was INACTIVE FILE on 9/9/2025)
Location: 08/31/2026 - Senate DEAD
Summary: Current law requires the Department of Water Resources to periodically review the groundwater sustainability plans developed by groundwater sustainability agencies pursuant to the act to evaluate whether a plan conforms with specified laws and is likely to achieve the sustainability goal for the basin covered by the plan. Current law requires a groundwater sustainability agency to evaluate its groundwater sustainability plan periodically. This bill would require a groundwater sustainability agency to, at least once every 7 years, review, and update if appropriate, its sustainable yield to ensure that the sustainable yield is based on the best available information and best available science, as defined, and will achieve sustainable groundwater management. The bill would also require a groundwater sustainability agency to provide an opportunity for public review and comment before making a determination whether to update its sustainable yield. To the extent that these requirements impose additional duties on groundwater sustainability agencies that are local agencies, the bill would impose a state-mandated local program. (Based on 09/02/2025 text)

Position: Watch

AB 1712 (Pacheco, D) City of Santa Fe Springs: sale of water utility property.

Current Text: 08/24/2026 - Enrolled **HTML** **PDF**
Introduced: 02/04/2026
Last Amended: 04/06/2026
Status: 08/24/2026 - Enrolled and presented to the Governor at 4:30 p.m.
Location: 08/24/2026 - Assembly ENROLLED
Summary: Existing law authorizes the furnishing of utility services by publicly owned public utilities, including municipal corporations, that are subject to control by their governing bodies. Existing law authorizes any municipal corporation to acquire, construct, own, operate, or lease any public utility, as defined, and authorizes a municipal corporation to sell or dispose of any public utility it owns. Existing law establishes procedures whereby a municipal corporation may lease, sell, or transfer that portion of a water utility used for furnishing water service outside or inside the boundaries of the municipal corporation, including, in the case of sale or transfer of the public utility

located inside the municipal boundaries, the determination that the public utility is not necessary for supplying water to its own inhabitants or that its inhabitants will be provided with equal or better service by the acquiring entity, if the sale or transfer is approved by a majority of all voters voting on the issue in an election, and the acquiring entity discloses specified information before the election. This bill would authorize the City of Santa Fe Springs, until January 1, 2032, to sell its public utility for furnishing water service for the purpose of consolidating its public water system with another public water system pursuant to specified procedures if certain requirements are met. (Based on 08/19/2026 text)

Position: Watch

AB 1772 **(Papan, D) Fish and wildlife: invasive species: invasive mussels.**

Current Text: 06/25/2026 - Amended **HTML** **PDF**
Introduced: 02/09/2026
Last Amended: 06/25/2026
Status: 08/14/2026 - Failed Deadline pursuant to Rule 61(b)(14). (Last location was APPR. SUSPENSE FILE on 8/3/2026)
Location: 08/14/2026 - Senate DEAD
Summary: Existing law, until January 1, 2030, generally prohibits a person from possessing, importing, shipping, or transporting in the state, or from placing, planting, or causing to be placed or planted in any water in the state, invasive mussels, and authorizes the Director of Fish and Wildlife or the director's designee to engage in various enforcement activities, including ordering the areas in conveyance that contain water be drained, dried, or decontaminated, as provided. Existing law requires a public or private agency that operates a water supply system to cooperate with the Department of Fish and Wildlife to implement measures to avoid infestation by invasive mussels and to control or eradicate any infestation that may occur in a water supply system. Existing law requires, if invasive mussels are detected, the operator of a water supply system to, in cooperation with the department, prepare and implement a plan to control or eradicate invasive mussels within the system, and eliminate or minimize any potential downstream transport of an invasive mussel. Existing law requires, on or before December 31, 2026, the department to review all approved plans and require all plans that do not specifically address all invasive mussel species known to be present in bodies of water in the state as of January 1, 2026, to be updated or revised appropriately to include all invasive mussel species, on or before September 30, 2027. Existing law requires every invasive mussel species to be addressed in a plan no later than 180 days from the date that the species is listed in a certain regulation. Existing law defines "invasive mussel" for these purposes as any nonnative detrimental mussel, as provided. This bill would prohibit a conveyance from being launched until a specified drying period has completed, as provided. By expanding the scope of a crime, this bill would impose a state-mandated local program. The bill would require the department to require water supply system operators to update their plans to address all invasive mussel species present in the operator's water system as of January 1, 2026, as provided. (Based on 06/25/2026 text)

Position: Watch

AB 1881 **(Ramos, D) California Indian Freedom Act of 2026.**

Current Text: 09/03/2026 - Enrolled **HTML** **PDF**
Introduced: 02/12/2026
Last Amended: 08/27/2026
Status: 08/30/2026 - Read third time. Passed. Ordered to the Assembly. (Ayes 29. Noes 1.). In Assembly. Concurrence in Senate amendments pending. Senate amendments concurred in. To Engrossing and Enrolling.
Location: 08/30/2026 - Assembly ENROLLMENT
Summary: Existing law establishes various protections for California Native American tribes, including prohibiting a public agency or private party using or occupying public property or operating on public property from interfering with the free expression or exercise of Native American religion as provided in the United States Constitution and the California Constitution. Existing law also requires a local government to provide formal notification to each California Native American tribe that is traditionally and culturally affiliated with the project site as an invitation to consult on the proposed project, as provided. Existing law requires the local government, during the consultation, to give deference to the tribal information, tribal knowledge and customs, and the significance of the resource to the California Native American tribe. Existing law prohibits any information, as described, that is submitted by a California Native American tribe during the environmental review process from being included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, as specified, without the prior consent of the tribe that provided the information. Existing law, the California Public Records Act, requires each state and local agency, as defined, to make its records open to public inspection at all times during office hours, except as specifically exempted from disclosure by law. The act specifically exempts from disclosure records that are exempted or prohibited from disclosure by federal or state law and lists records subject to that exemption, specifying that the listed exemptions are not inclusive of all exemptions under the act. This bill, the California Indian Freedom Act of 2026, would, commencing January 1, 2028, prohibit a governmental agency from substantially burdening a California Indian or California Native American tribe's exercise of religious beliefs or

spiritual practices on state lands, except as necessary to protect public safety and security, including their access to and use of sacred sites and objects, and their ability to perform religious ceremonies and rites, even if the burden results from a rule of general applicability, unless the governmental agency demonstrates that application of the burden is in furtherance of a compelling governmental interest and is in the least restrictive means of furthering that interest. (Based on 09/03/2026 text)

Position: Oppose

AB 1893 **(Gallagher, R) Wildfire prevention: local assistance grant program: eligible activities.**

Current Text: 02/12/2026 - Introduced **HTML** **PDF**
Introduced: 02/12/2026
Status: 05/14/2026 - Failed Deadline pursuant to Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 4/22/2026)
Location: 05/14/2026 - Assembly DEAD
Summary: Existing law requires the Department of Forestry and Fire Protection to establish a local assistance grant program for fire prevention and home hardening education activities in California and extends eligibility for grants to specified entities, including local agencies. Existing law provides that eligible activities under the local assistance grant program include, among other things, technical assistance to local agencies to improve fire prevention and reduce fire hazards and projects to improve public safety, including, but not limited to, access to emergency equipment and improvements to public evacuation routes. Existing law makes funding for this program subject to an appropriation by the Legislature. This bill would expand eligible activities under the local assistance grant program to include projects undertaken by a local governmental entity involving the acquisition or installation of mobile rigid dip tanks or similar mobile and permanent infrastructure that is capable of providing helicopter-accessible water supplies for firefighting response or suppression purposes in very high fire and high fire hazard severity zones, as provided. (Based on 02/12/2026 text)

Position: Support

AB 1894 **(Rubio, Blanca, D) Fish and wildlife: invasive mussels: imported water.**

Current Text: 08/27/2026 - Enrolled **HTML** **PDF**
Introduced: 02/12/2026
Last Amended: 05/28/2026
Status: 08/27/2026 - Enrolled and presented to the Governor at 4 p.m.
Location: 08/27/2026 - Assembly ENROLLED
Summary: Existing law, until January 1, 2030, generally prohibits a person from possessing, importing, shipping, or transporting in the state, or from placing, planting, or causing to be placed or planted in any water within the state, invasive mussels, and authorizes the Director of Fish and Wildlife, or the director's designee, to engage in various enforcement activities with regard to invasive mussels. Existing law, until January 1, 2030, requires a public or private agency that operates a water supply system to cooperate with the Department of Fish and Wildlife to implement measures to avoid infestation by invasive mussels and to control or eradicate any infestation that occurs in a water supply system. Existing law requires any person, or federal, state, or local agency, district, or authority that owns or manages a reservoir, where specified activities are permitted, except as specified, to develop and implement a program designed to prevent the introduction of invasive mussel species, as provided. Existing law requires any entity that discovers invasive mussels within the state to immediately report the discovery to the department. This bill would prohibit a public agency from prohibiting imported water deliveries for groundwater replenishment, as defined, due to invasive mussels if the importation complies with a specified invasive mussel control plan and unless there is substantial, documented evidence of a proven health and safety risk as a result of the invasive mussels. (Based on 08/24/2026 text)

Position: Support

AB 1898 **(Schultz, D) Workplace artificial intelligence tools.**

Current Text: 03/20/2026 - Amended **HTML** **PDF**
Introduced: 02/12/2026
Last Amended: 03/20/2026
Status: 05/14/2026 - Failed Deadline pursuant to Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 4/29/2026)
Location: 05/14/2026 - Assembly DEAD
Summary: Would require an employer to provide a written notice to a worker that a workplace AI tool, as defined, was used to assist the employer in making employment-related decisions or to surveil workers in the workplace. The bill would require the notice to be given to a worker within a specified time and would require the notice to contain specified information, including the specific employment-related decisions likely to be affected by the use of the workplace AI tool. The bill would require an employer to maintain an updated list of all workplace AI tools

currently in use and their impact on jobs, as specified, and to provide the list to workers annually. The bill would provide for enforcement by the Labor Commissioner or a public prosecutor, and alternatively would authorize any worker who has suffered damages, or their exclusive representative, to file a civil action for damages caused by the adverse action. The bill would establish remedies and penalties for violations, including a penalty of up to $500 for each violation. (Based on 03/20/2026 text)

Position: Oppose

AB 2013 **(Bennett, D) High and very high fire risk areas: community water systems: preparedness and resiliency.**

Current Text: 04/06/2026 - Amended **HTML** **PDF**
Introduced: 02/17/2026
Last Amended: 04/06/2026
Status: 05/07/2026 - Failed Deadline pursuant to Rule 61(b)(5). (Last location was EMERGENCY MANAGEMENT on 4/7/2026)
Location: 04/23/2026 - Assembly DEAD
Summary: Existing law requires the State Fire Marshal to identify areas in the state as moderate, high, and very high fire hazard severity zones based on consistent statewide criteria and based on the severity of fire hazard that is expected to prevail in those areas. This bill would require a community water system that services more than 100 customers that are located in a high or very high fire risk area, as defined, to include an annex to its disaster preparedness plans, as provided, that includes information regarding system preparedness and resiliency during a wildfire. The bill would require the annex to contain several things, including, among others, an assessment that identifies the minimum number of and type of water pumps that are necessary to maintain average daily capacity, including, but not limited to, the operation of fire hydrant systems at the rated capacity. (Based on 04/06/2026 text)

Position: Oppose Unless Amended

AB 2026 **(Aguiar-Curry, D) Water diversion: groundwater recharge: permit.**

Current Text: 07/02/2026 - Amended **HTML** **PDF**
Introduced: 02/17/2026
Last Amended: 07/02/2026
Status: 08/14/2026 - Failed Deadline pursuant to Rule 61(b)(14). (Last location was APPR. SUSPENSE FILE on 8/3/2026)
Location: 08/14/2026 - Senate DEAD
Summary: Existing law declares that all water within the state is the property of the people of the state, but the right to the use of the water may be acquired by appropriation in the manner provided by law. Existing law requires the appropriation to be for some useful or beneficial purpose. Existing law provides, however, that the diversion of floodflows for groundwater recharge does not require an appropriative water right if certain conditions are met, including that a local or regional agency that has adopted a local plan of flood control or has considered flood risks as part of its most recently adopted general plan has given notice, as provided, of imminent risk of flooding and inundation of lands, roads, or structures. Existing law defines “floodflow” for these purposes to include circumstances in which flows would inundate ordinarily dry areas in the bed of a terminal lake to a depth that floods dairies and other ongoing agricultural activities, or areas with substantial residential, commercial, or industrial development. Existing law applies those requirements to diversions commenced before January 1, 2029. Existing law prohibits an entity from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or from depositing or disposing of certain material where it may pass into any river, stream, or lake, without first notifying the Department of Fish and Wildlife of that activity, and entering into a lake or streambed alteration agreement if required by the department to protect fish and wildlife resources, except as specified. This bill would revise and recast those conditions required for the appropriative water right exemption for a diversion of floodflows for groundwater recharge, would apply the requirements to a diversion commenced before January 1, 2034, and would further exempt those diversions from the requirements of CEQA and requirements relating to lake or streambed alteration agreements, subject to conducting tribal consultation, as provided. (Based on 07/02/2026 text)

Position: Watch

AB 2027 **(Ward, D) Worker data: prohibitions: artificial intelligence.**

Current Text: 04/09/2026 - Amended **HTML** **PDF**
Introduced: 02/17/2026
Last Amended: 04/09/2026
Status: 05/14/2026 - Failed Deadline pursuant to Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 5/6/2026)
Location: 05/14/2026 - Assembly DEAD

Summary: Existing law establishes the Division of Labor Standards Enforcement within the Department of Industrial Relations. Existing law authorizes the division, which is headed by the Labor Commissioner, to enforce the Labor Code and all labor laws of the state, the enforcement of which is not specifically vested in any other officer, board, or commission. This bill would prohibit an employer from using a worker's personal information, as defined, to train an artificial intelligence system to replicate, automate, or replace a worker's job, and would prohibit an employer from selling, disclosing, or otherwise providing access to a worker's personal information to a third party for the purpose of training an artificial intelligence system to replicate, automate, or replace a worker's job. The bill would prohibit a vendor providing services to an employer under a contract from providing access to the personal information of an employer's worker to a third party or using the personal information of an employer's worker to train artificial intelligence, as specified. (Based on 04/09/2026 text)

Position: Oppose

AB 2032 **(Ransom, D) Fish and wildlife: invasive mussels: golden mussels.**

Current Text: 09/03/2026 - Enrolled **HTML** **PDF**
Introduced: 02/17/2026
Last Amended: 08/13/2026
Status: 08/30/2026 - Ordered to special consent calendar. Read third time. Urgency clause adopted. Passed. Ordered to the Assembly. In Assembly. Concurrence in Senate amendments pending. Senate amendments concurred in. To Engrossing and Enrolling.
Location: 08/30/2026 - Assembly ENROLLMENT
Summary: Existing law, until January 1, 2030, generally prohibits a person from possessing, importing, shipping, or transporting in the state, or from placing, planting, or causing to be placed or planted in any water within the state, invasive mussels, as defined. Existing law requires a public or private agency that operates a water supply system to cooperate with the Department of Fish and Wildlife (department) to implement measures to avoid infestation by invasive mussels and to control or eradicate any infestation that may occur in a water supply system, and, if invasive mussels are detected, to prepare and implement a plan, as specified, to control or eradicate invasive mussels within the system (control plan). Existing law prohibits the importation, transportation, possession, or live release of specified wild animals, except under a revocable, nontransferable permit, known as a restricted species permit, issued by the department, in cooperation with the Department of Food and Agriculture, and only if certain requirements are met. This bill would exempt from the requirement to obtain a restricted species permit for invasive mussels a public or private agency that operates a water supply system and has submitted a control plan to the department for maintenance, operational, and research activities within the water supply system, as specified. (Based on 09/03/2026 text)

Position: Support

AB 2125 **(Bennett, D) Groundwater basin adjudication: notice.**

Current Text: 08/27/2026 - Chaptered **HTML** **PDF**
Introduced: 02/18/2026
Last Amended: 03/25/2026
Status: 08/27/2026 - Approved by the Governor. Chaptered by Secretary of State - Chapter 138, Statutes of 2026.
Location: 08/27/2026 - Assembly CHAPTERED
Summary: Existing law requires a plaintiff who files an action to comprehensively determine rights to extract groundwater from a basin to provide the court a draft notice of commencement of groundwater basin adjudication and a draft form answer to adjudication complaint, as specified. Existing law also requires a plaintiff to file, within a specified timeframe, a motion for approval of the draft notice and draft form answer. Under existing law, once the court approves the draft notice, the plaintiff is required to serve the notice, as specified. Following a court order approving both the notice and draft form answer and authorizing service thereof, existing law requires the plaintiff to take additional steps to provide notice to defendants including, but not limited to, mailing, by registered mail or certified mail, return receipt requested, the notice, complaint, and form answer to all holders of fee title to real property in the basin. Under existing law, if a return receipt is not received for a parcel of real property, the plaintiff must post a copy of the notice, complaint, and form answer in a conspicuous place on the real property. After completing these notice procedures, existing law requires the plaintiff to file a notice of completion of the mailing with the court. Existing law permits a court to authorize any other procedures it finds appropriate and necessary to provide notice to persons who may hold groundwater rights in basin. This bill would impose additional requirements on a plaintiff when filing the notice of completion of mailing. The bill would require the plaintiff to include with the notice of completion an affidavit of the person who mailed the notice and the certified or registered mail delivery receipt for each parcel stating the date, time, and place of mailing. The bill would further require the notice to include as an attachment any certified or registered mail delivery receipts received as of the date of the filing. (Based on 08/27/2026 text)

Position: Watch

AB 2132 **(Macedo, R) California Environmental Quality Act: exemption: groundwater recharge project.**

Current Text: 02/18/2026 - Introduced **HTML** **PDF**
Introduced: 02/18/2026
Status: 04/23/2026 - Failed Deadline pursuant to Rule 61(b)(5). (Last location was W.,P. & W. on 4/6/2026)
Location: 04/23/2026 - Assembly DEAD
Summary: The California Environmental Quality Act (CEQA) requires a lead agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment. The Sustainable Groundwater Management Act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources to be managed under a groundwater sustainability plan or coordinated groundwater plans, except as specified. Current law requires a groundwater sustainability plan to include various information relating to subsidence, as applicable. This bill would exempt from the requirements of CEQA a groundwater recharge project if the Secretary of the Natural Resources Agency determines the project would address subsidence. Because a lead agency would be required to determine whether a project qualifies for this exemption, the bill would impose a state-mandated local program. (Based on 02/18/2026 text)

Position: Watch

AB 2180 **(Ward, D) Local government: Proposition 218 Omnibus Implementation Act: proportional cost of service.**

Current Text: 08/25/2026 - Enrolled **HTML** **PDF**
Introduced: 02/19/2026
Last Amended: 05/22/2026
Status: 08/25/2026 - Enrolled and presented to the Governor at 4 p.m.
Location: 08/25/2026 - Assembly ENROLLED
Summary: The California Constitution specifies various requirements with respect to the levying of assessments and property-related fees and charges by a local agency. As part of those requirements, the California Constitution mandates that such fees or charges that are extended, imposed, or increased satisfy certain requirements, including, but not limited to, that the amount of the fee or charge imposed upon any parcel or person as an incident of property ownership not exceed the proportional cost of the service attributable to the parcel. Existing law, known as the Proposition 218 Omnibus Implementation Act (act), prescribes specific procedures and parameters for local jurisdictions to comply with these requirements and, among other things, authorizes an agency providing water, wastewater, sewer, or refuse collection services to adopt a schedule of fees or charges authorizing automatic adjustments that pass through increases in wholesale charges for water, sewage treatment, or wastewater treatment or adjustments for inflation under certain circumstances. This bill would authorize a local government to demonstrate the proportional cost of the service attributable to the parcel by any method that reasonably allocates the ascertainable cost of providing service to all parcels, if substantiated as provided. The bill would, however, provide that for water or sewer service fee or charge impositions, a local government is not required to provide an exact measure of the cost of the service at each parcel and may instead impose uniform or tiered rates to parcel or customer classes that are defined based on common characteristics indicative of likely water or sewer use. (Based on 08/21/2026 text)

Position: Support

AB 2215 **(Calderon, D) Water rights: permits: State Water Project.**

Current Text: 04/16/2026 - Amended **HTML** **PDF**
Introduced: 02/19/2026
Last Amended: 04/16/2026
Status: 07/01/2026 - Failed Deadline pursuant to Rule 61(b)(13). (Last location was N.R. & W. on 6/10/2026)
Location: 07/01/2026 - Senate DEAD
Summary: The Department of Water Resources operates the State Water Resources Development System, commonly referred to as the State Water Project.
Existing law requires that construction work for a project that will put appropriated water to beneficial use be commenced, prosecuted with due diligence, and completed within the time period specified in the water right permit. Existing law authorizes the State Water Resources Control Board to extend the deadline specified in the permit to commence or complete construction work and to put appropriated water to beneficial use for good cause shown. This bill would require that the time periods for the application of water to beneficial use and for the completion of construction work for specific water right permits held by the Department of Water Resources for the operation of the State Water Project be December 31, 2046. (Based on 04/16/2026 text)

Position: Support

AB 2218 **(Kalra, D) Water policy: California Native American tribes.**

Current Text: 09/03/2026 - Enrolled **HTML** **PDF**
Introduced: 02/19/2026
Last Amended: 07/02/2026
Status: 09/03/2026 - Enrolled and presented to the Governor at 4 p.m.
Location: 09/03/2026 - Assembly ENROLLED
Summary: Would require the state government to support California Native Americans to maintain cultural and linguistic traditions, practice ecosystem stewardship, and engage in good faith government-to-government consultations with all California Native American tribes regarding policies that may affect tribal communities. (Based on 08/30/2026 text)

Position: Watch

AB 2447 **(Bauer-Kahan, D) Water: Nitrogen Pollution Reduction Act.**

Current Text: 04/06/2026 - Amended **HTML** **PDF**
Introduced: 02/20/2026
Last Amended: 04/06/2026
Status: 05/14/2026 - Failed Deadline pursuant to Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 5/6/2026)
Location: 05/14/2026 - Assembly DEAD
Summary: Under existing law, the Porter-Cologne Water Quality Control Act, the State Water Resources Control Board and the California regional water quality control boards are the principal state agencies with authority over matters relating to water quality. The act requires the state board to formulate and adopt state policies for water quality control and requires the regional boards to adopt regional water quality control plans in compliance with the state policies. Under the act, the state board and the regional boards prescribe waste discharge requirements for the discharge of waste that could affect the quality of the waters of the state. This bill would require the State Water Resources Control Board to require the regional boards to update the Irrigated Lands Regulatory Program in order to reduce nitrogen waste discharges from commercial irrigated agricultural areas, as provided. The bill would require the regional boards to adopt revised orders with waste discharge requirements on or before January 1, 2028, that are sufficient to meet certain reductions in nitrogen waste discharges. The bill would require the state board to, on or before July 1, 2027, publish both a list of standardized crop names and categories, and a statewide methodology for calculating, and field-level reporting of, nitrogen balances for croplands, including nitrogen fertilizer applications and nitrogen discharges, that account for available soil nitrogen, to be used by the regional boards and incorporated into the revised orders. (Based on 04/06/2026 text)

Position: Watch

AB 2469 **(Papan, D) Data centers: water use disclosures.**

Current Text: 09/04/2026 - Enrolled **HTML** **PDF**
Introduced: 02/20/2026
Last Amended: 08/27/2026
Status: 08/31/2026 - Senate amendments concurred in. To Engrossing and Enrolling. (Ayes 61. Noes 12.).
Location: 09/01/2026 - Assembly ENROLLMENT
Summary: The Planning and Zoning Law authorizes the legislative body of any county or city to adopt ordinances that, among other things, regulate the use of buildings, structures, and land as between industry, businesses, residences, and open space, as specified. This bill would prohibit a city, county, or city and county from approving a discretionary or ministerial permit or other entitlement that would result in the construction, or an expansion that increases the maximum peak water use, of a data center unless specified conditions are satisfied, including, among others, that the applicant provides the city, county, or city and a county prescribed information. The bill would include in this prescribed information a water scarcity plan and a water supply assessment, each as provided. The bill would also include in the specified conditions that the applicant assumes responsibility for the full cost of any required water conveyance, treatment or storage, or distribution infrastructure improvements necessary to serve the project, as determined by the applicable water supplier. The bill would provide that this provision is severable. (Based on 09/04/2026 text)

Position: Watch

AB 2568 **(Johnson, R) Water district directors: compensation.**

Current Text: 08/28/2026 - Enrolled **HTML** **PDF**
Introduced: 02/20/2026
Last Amended: 04/27/2026
Status: 08/28/2026 - Enrolled and presented to the Governor at 3:30 p.m.
Location: 08/28/2026 - Assembly ENROLLED

Summary: Existing law authorizes a water district, as defined, to adopt an ordinance that provides compensation to members of the governing board, as specified. Existing law prohibits a water district from adopting an ordinance that compensates members of the governing board for more than a total of 10 days in any calendar month. This bill would, until January 1, 2032, authorize a water district that has at least 90,000 residents within its jurisdiction to adopt an ordinance that compensates members of the governing board for up to a total of 15 days in any calendar month, but would require the members of the governing board of a water district that compensates its members for more than 10 days in a calendar month to annually adopt a written policy describing, based on a finding supported by substantial evidence, why providing compensation for more than 10 days per calendar month is necessary for the effective operation of the water district. (Based on 08/26/2026 text)

Position: Watch

AB 2619 **(Papan, D) Water resources: data centers.**

Current Text: 09/01/2026 - Enrolled **HTML** **PDF**
Introduced: 02/20/2026
Last Amended: 08/21/2026
Status: 08/27/2026 - In Assembly. Concurrence in Senate amendments pending. Senate amendments concurred in. To Engrossing and Enrolling. (Ayes 63. Noes 7.).
Location: 08/27/2026 - Assembly ENROLLMENT
Summary: Existing law authorizes the legislative body of an incorporated city and the county board of supervisors to license businesses carried on within their respective jurisdictions and to set license fees, as specified. This bill would require a person who owns or operates a data center, prior to applying to a city or a county for an initial business license, equivalent instrument, or permit, to provide its water supplier, under penalty of perjury, a good faith estimate of the expected water use, the anticipated source of water, and the data center's projected water use volume for the maximum day, maximum month, and average year. When applying to a city or county for an initial business license, the bill would require a person who owns or operates a data center to report, under penalty of perjury, on the application, a good faith estimate of the expected water use, the anticipated source of water, and the data center's projected water use volume for the maximum day, maximum month, and average year. When applying to a city or county for a renewal of a business license, equivalent instrument, or permit, the bill would require a person who owns or operates a data center to report, under penalty of perjury, on the application, the data center's annual water use for the preceding calendar year, including total water and direct water use, as prescribed. By expanding the crime of perjury, the bill would impose a state-mandated local program. The bill would define terms for purposes of these provisions. This bill contains other related provisions and other existing laws. (Based on 09/01/2026 text)

Position: Watch

AB 2647 **(Calderon, D) Energy: nuclear powerplants: assessment.**

Current Text: 08/31/2026 - Enrolled **HTML** **PDF**
Introduced: 02/20/2026
Last Amended: 06/30/2026
Status: 08/31/2026 - Enrolled and presented to the Governor at 4 p.m.
Location: 08/31/2026 - Assembly ENROLLED
Summary: Existing law vests the State Energy Resources Conservation and Development Commission with the exclusive jurisdiction to certify thermal powerplants with a generating capacity of 50 megawatts or more. This bill would require the Energy Commission, on or before January 1, 2028, to prepare, as provided, a comprehensive assessment of the potential role for advanced nuclear technologies in supporting critical infrastructure in California, and of the potential for new, in-state nuclear powerplants to cost-effectively meet statewide needs for new electricity resources, and to meet the expressed policy of the state described above. The bill would authorize the Energy Commission to update the assessment as appropriate. The bill would authorize the Energy Commission, the Public Utilities Commission, the Independent System Operator, and other public agencies to evaluate the potential of nuclear energy to meet long-term resource needs. (Based on 08/27/2026 text)

Position: Watch

AB 2728 **(Soria, D) Groundwater: de minimis extractors: fees: exemption.**

Current Text: 09/01/2026 - Enrolled **HTML** **PDF**
Introduced: 02/20/2026
Last Amended: 06/11/2026
Status: 08/27/2026 - From committee: That the Senate amendments be concurred in. (Ayes 10. Noes 0.) (August 27). Senate amendments concurred in. To Engrossing and Enrolling. (Ayes 77. Noes 0.).
Location: 08/27/2026 - Assembly ENROLLMENT

Summary: Existing law authorizes a groundwater sustainability agency to impose fees, including, but not limited to, permit fees and fees on groundwater extraction or other regulated activity, to fund the costs of a groundwater sustainability program, and investigations, inspections, compliance assistance, enforcement, and program administration, as provided. Existing law prohibits a groundwater sustainability agency from imposing those fees on a de minimis extractor, as defined, unless the agency has regulated the user, as provided. This bill would authorize a local government, including, but not limited to, a groundwater sustainability agency, that imposes a fee, levy, charge, or exaction for groundwater monitoring or management, upon making specified findings, to exempt de minimis extractors, including the above-described regulated users, from the payment of the fee, levy, charge, or exaction, as provided. (Based on 09/01/2026 text)

Position: Watch

AB 2739 **(Soria, D) Water: affordability and system stabilization.**

Current Text: 09/03/2026 - Enrolled **HTML** **PDF**
Introduced: 02/20/2026
Last Amended: 08/21/2026
Status: 08/30/2026 - Ordered to special consent calendar. Read third time. Passed. Ordered to the Assembly. (Ayes 40. Noes 0.). In Assembly. Concurrence in Senate amendments pending. Senate amendments concurred in. To Engrossing and Enrolling.
Location: 08/30/2026 - Assembly ENROLLMENT
Summary: Existing law establishes in the Natural Resources Agency the Department of Water Resources. Existing law vests in the department powers, duties, purposes, responsibilities, and jurisdiction in matters pertaining to water or dams. Existing law declares the responsibility of the state to assist local governments in providing certain essential services and facilities where water resource construction projects financed, in whole or in part, by the state or by the state jointly with the federal government create an undue burden on a local area's ability to provide these services and facilities. This bill would establish in the State Treasury the Water Affordability and System Stabilization Fund for holding the principal and income of the Water Affordability and System Stabilization Trust, which the bill would create. The bill would designate the Treasurer as trustee of the trust, as specified, and would require the trustee, among other things, to hold, manage, and invest the principal of the trust with the obligation of providing a growing perpetual source of annual funding to the Water Rate Assistance Fund, administered by the state board, and the Community Water Affordability Assistance Fund, administered by the department, beginning 25 years after the Legislature transfers funding from the General Fund to the Water Affordability and System Stabilization Fund. This bill contains other related provisions and other existing laws. (Based on 09/03/2026 text)

Position: Support

SB 557 **(Hurtado, D) Child abuse: family resource centers.**

Current Text: 08/24/2026 - Chaptered **HTML** **PDF**
Introduced: 02/20/2025
Last Amended: 01/05/2026
Status: 08/24/2026 - Approved by the Governor. Chaptered by Secretary of State. Chapter 125, Statutes of 2026.
Location: 08/24/2026 - Senate CHAPTERED
Summary: Current law requires the Office of Child Abuse Prevention in the State Department of Social Services to use federal funding to undertake specified activities, including, among other things, supporting coordination and sharing of best practices implemented by family resource centers with other agencies, when the best practices reflect strategies and outcomes that were achieved and supported by evidence-informed programs and data. Current law authorizes a county to establish a child abuse multidisciplinary personnel team within that county to allow provider agencies to share confidential information in order for provider agencies to investigate reports of suspected child abuse or neglect, as specified, or for the purpose of child welfare agencies making a detention determination. Current law specifies that the multidisciplinary personnel team may include a representative of a local child abuse prevention council or family-strengthening organization, including, but not limited to, a family resource center. Current law defines "family resource center," for purposes of these provisions. This bill would instead define "family resource center" to mean a family-friendly entity serving as a hub for multigenerational, family-centered, and family-strengthening support services that are provided at no cost or low cost to participants, embedded in communities, culturally sensitive, reflective of, and responsive to, community needs and interests, build communities of peer support for families, and include cross-system collaboration to assist in transforming families and communities through reciprocity, development of social connections that reduce isolation and stress, and asset development based on impact-driven and evidence-informed approaches with the goal of preventing child abuse and neglect and strengthening children and families. (Based on 08/24/2026 text)

Position: Watch

SB 599 **(Caballero, D) Atmospheric rivers: research: forecasting methods: experimental tools.**

Current Text: 08/27/2026 - Enrolled **HTML** **PDF**
Introduced: 02/20/2025
Last Amended: 04/24/2025
Status: 08/27/2026 - Enrolled and presented to the Governor at 4:30 p.m.
Location: 08/27/2026 - Senate ENROLLED
Summary: Current law establishes the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency (AR/FIRO) Program in the Department of Water Resources. Current law requires the department to operate reservoirs in a manner that improves flood protection, and to reoperate flood control and water storage facilities to capture water generated by atmospheric rivers. This bill would, for novel forecasting methods researched, developed, and implemented by the department, require the department to include the use of experimental tools that produce seasonal and subseasonal atmospheric river forecasts, as defined. (Based on 08/20/2026 text)

Position: Watch

SB 601 **(Allen, D) Water: waste discharge.**

Current Text: 07/10/2025 - Amended **HTML** **PDF**
Introduced: 02/20/2025
Last Amended: 07/10/2025
Status: 08/14/2026 - Failed Deadline pursuant to Rule 61(b)(14). (Last location was APPR. SUSPENSE FILE on 8/7/2026)
Location: 08/14/2026 - Assembly DEAD
Summary: The State Water Resources Control Board and the 9 California regional water quality control boards regulate water quality and prescribe waste discharge requirements in accordance with the Porter-Cologne Water Quality Control Act (act) and the National Pollutant Discharge Elimination System (NPDES) permit program. Under the act, the State Water Resources Control Board is authorized to adopt water quality control plans for waters for which quality standards are required by the federal Clean Water Act, as specified, and that in the event of a conflict, those plans supersede regional water quality control plans for the same waters. This bill would authorize the state board to adopt water quality control plans for nexus waters, which the bill would define as all waters of the state that are not also navigable, except as specified. The bill would require any water quality standard that was submitted to, and approved by, or is awaiting approval by, the United States Environmental Protection Agency or the state board that applied to nexus waters as of May 24, 2023, to remain in effect, as provided. (Based on 07/10/2025 text)

Position: Oppose

SB 724 **(Richardson, D) Public housing: lead testing.**

Current Text: 05/05/2025 - Amended **HTML** **PDF**
Introduced: 02/21/2025
Last Amended: 05/05/2025
Status: 08/14/2026 - Failed Deadline pursuant to Rule 61(b)(14). (Last location was APPR. SUSPENSE FILE on 8/20/2025)
Location: 08/14/2026 - Assembly DEAD
Summary: Current law prohibits a person from using any pipe, pipe or plumbing fitting or fixture, solder, or flux that is not lead free in the installation or repair of any public water system or any plumbing in a facility providing water for human consumption, except when necessary for the repair of leaded joints of cast iron pipes. Current law requires a community water system to compile an inventory of known lead user service lines in use in its distribution system and identify areas that may have lead user service lines in use in its distribution system, as provided. This bill would require the owner of a public housing unit that is owned or managed by a city, county, city and county, or city, county, or city and county housing authority, to provide information to the residents of the public housing unit regarding any applicable existing program that offers free testing of the water for lead. (Based on 05/05/2025 text)

Position: Watch

SB 742 **(Pérez, D) Electricity: electrical infrastructure: permanently abandoned transmission facilities: emergency response: liaisons.**

Current Text: 08/30/2026 - Enrolled **HTML** **PDF**
Introduced: 02/21/2025 (Spot bill)
Last Amended: 06/15/2026
Status: 08/30/2026 - Enrolled and presented to the Governor at 6 p.m.
Location: 08/30/2026 - Senate ENROLLED

Summary: Existing law vests the Public Utilities Commission with regulatory authority over public utilities, including electrical corporations. Existing law requires electrical corporations to construct, maintain, and operate their electrical lines and equipment in a manner that will minimize the risk of catastrophic wildfire, as specified. Existing law requires electrical corporations to annually prepare and submit wildfire mitigation plans to the Office of Energy Infrastructure Safety for review and approval. This bill would require the commission, on or before January 1, 2028, to update a general order to require each electrical corporation to remove all permanently abandoned transmission facilities, as specified. (Based on 08/27/2026 text)

Position: Watch

SB 872 **(McNerney, D) Delta Levees and Canal Subsidence Fund.**

Current Text: 08/27/2026 - Enrolled **HTML** **PDF**
Introduced: 01/06/2026
Last Amended: 08/13/2026
Status: 08/27/2026 - Enrolled and presented to the Governor at 4:30 p.m.
Location: 08/27/2026 - Senate ENROLLED
Summary: The Sacramento-San Joaquin Delta Reform Act of 2009, declares that the Sacramento-San Joaquin Delta (Delta) is a critically important natural resource for California and the nation and it serves as both the hub of the California water system and the most valuable estuary and wetland ecosystem on the west coast of North and South America. Existing law establishes in the Natural Resources Agency the Department of Water Resources (department). Existing law requires the department and the Department of Fish and Wildlife to determine the principal options for the Delta and requires the department to evaluate and comparatively rate each option for its ability to do specified things, including, among others, to maintain Delta water quality for Delta users, and to preserve, protect, and improve Delta levees. Existing law establishes in the agency the Sacramento-San Joaquin Delta Conservancy. Existing law requires the conservancy to act as a primary state agency to implement ecosystem restoration in the Delta and to support efforts that advance environmental protection and the economic well-being of Delta residents. Existing law provides for the preservation of specified management areas of the Suisun Marsh, pursuant to a protection plan prepared and adopted by the San Francisco Bay Conservation and Development Commission, as provided. Existing law establishes the Delta Stewardship Council, and requires the council to develop, adopt, and implement a comprehensive long-term management plan for the Delta, known as the Delta Plan, as provided. Existing law requires the department, upon appropriation, to reimburse an eligible local agency for costs incurred for the maintenance or improvement of specified levees, in an amount not to exceed 75% of costs incurred in excess of a set amount per mile, as provided. This bill would require the department to reimburse 100% of the excess costs if a local agency demonstrates economic hardship and the reimbursement is for a project that addresses a threat to life, property, water supply, or habitat. (Based on 08/24/2026 text)

Position: Support

SB 910 **(Seyarto, R) Municipal water districts: water service: Indian lands.**

Current Text: 01/26/2026 - Introduced **HTML** **PDF**
Introduced: 01/26/2026
Status: 04/23/2026 - Failed Deadline pursuant to Rule 61(b)(5). (Last location was L. GOV. on 2/11/2026)
Location: 04/23/2026 - Senate DEAD
Summary: The Municipal Water District Law of 1911 provides for the formation of municipal water districts and grants to those districts specified powers. Current law permits a district to acquire, control, distribute, store, spread, sink, treat, purify, recycle, recapture, and salvage any water for the beneficial use of the district, its inhabitants, or the owners of rights to water in the district. Current law, upon the request of certain Indian tribes and the satisfaction of certain conditions, requires a district to provide service of water at substantially the same terms applicable to the customers of the district to the Indian tribe's lands that are not within a district, as prescribed. Current law also authorizes a district, until January 1, 2027, under specified circumstances, to apply to the applicable local agency formation commission to provide this service of water to Indian lands, as defined, that are not within the district and requires the local agency formation commission to approve that application. This bill would extend the above provisions regarding the application to the applicable local agency formation commission to January 1, 2032. (Based on 01/26/2026 text)

Position: Watch

SB 1001 **(Archuleta, D) Local agency, public utility, or mutual water company: personnel access: Personal Identity Verification-Interoperable.**

Current Text: 04/21/2026 - Amended **HTML** **PDF**
Introduced: 02/09/2026
Last Amended: 04/21/2026

Status: 05/14/2026 - Failed Deadline pursuant to Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 4/27/2026)

Location: 05/14/2026 - Senate DEAD

Summary: Existing law authorizes officers of the Department of the California Highway Patrol, police departments, marshal's office or sheriff's office, and officers or employees of the Department of Forestry and Fire Protection or the Department of Fish and Wildlife designated as peace officers to close to all unauthorized persons an area where a menace to the public health or safety created by a calamity exists for the duration of the menace and the immediate area surrounding any emergency field command post or any other command post activated for the purpose of abating a calamity, riot, or other civil disturbance, as specified. Under existing law, an unauthorized person who enters or remains in a closed area, as prescribed, is guilty of a misdemeanor. This bill would, beginning on July 1, 2028, require the Office of Emergency Services, upon request, to issue a local agency, public utility, or mutual water company responsible for public works and critical infrastructure with specified credentialing to facilitate personnel access to an area during or following a natural disaster, act of terrorism, or other man-made disaster. The bill would specify that the credentialing, a Personal Identity Verification-Interoperable (PIV-I), would conform with the federal Personal Identity Verification standards pursuant to federal National Incident Management System guidelines. (Based on 04/21/2026 text)

Position: Support

SB 1125 (Menjivar, D) Water Rate Assistance Program.

Current Text: 08/31/2026 - Enrolled **HTML** **PDF**

Introduced: 02/17/2026

Last Amended: 08/19/2026

Status: 08/31/2026 - Enrolled and presented to the Governor at 6 p.m.

Location: 08/31/2026 - Senate ENROLLED

Summary: Existing law requires the State Water Resources Control Board to develop a plan for the funding and implementation of the Low-Income Water Rate Assistance Program. Existing law requires the plan to include, among other things, a description of the method for collecting moneys to support and implement the program and a description of the method for determining the amount of moneys that may need to be collected from water ratepayers to fund the program. This bill would establish the Water Rate Assistance Program. As part of the program, the bill would establish the Water Rate Assistance Fund in the State Treasury, available upon appropriation by the Legislature, to provide water affordability assistance for residential water services to low-income residential ratepayers, as specified. The bill would establish separate implementation procedures depending on whether the state board determines that the Legislature appropriated enough moneys from the fund for a partial implementation of the program or a statewide implementation of the program. The bill would require the state board to take various actions in administering the fund, including, among other things, tracking and managing revenue in the fund separately from all other revenue. The bill would require the state board, in consultation with relevant agencies and after a public hearing, to adopt guidelines for implementation of the program and to adopt and submit a report to the Legislature or post the report on its internet website, as specified. (Based on 08/28/2026 text)

Position: Watch

SB 1139 (Laird, D) Monterey Peninsula Water Management District: nonfunctional turf: noncompliance and enforcement.

Current Text: 07/13/2026 - Chaptered **HTML** **PDF**

Introduced: 02/18/2026

Last Amended: 03/23/2026

Status: 07/13/2026 - Approved by the Governor. Chaptered by Secretary of State. Chapter 88, Statutes of 2026.

Location: 07/13/2026 - Senate CHAPTERED

Summary: The Monterey Peninsula Water Management District Law establishes the Monterey Peninsula Water Management District. The act authorizes the district to, among other things, prohibit the use of district water during an emergency caused by drought, or other threatened or existing water shortage, for specific uses that the district finds to be nonessential. Existing law prohibits the use of potable water for the irrigation of nonfunctional turf located on commercial, industrial, and institutional properties, other than a cemetery, and on properties of homeowners' associations, common interest developments, and community service organizations or similar entities, as specified. Existing law requires a person or entity to be subject to civil liability or penalties by the State Water Resources Control Board, as prescribed, or to civil liability and penalties imposed by an urban water supplier, pursuant to a locally adopted ordinance or policy. Existing law authorizes a public water system, city, county, or city and county to enforce the provisions relating to the prohibition, as specified. This bill would require a person or entity to be subject to civil liability or penalties imposed by the Monterey Peninsula Water Management District pursuant to a locally adopted ordinance or policy. (Based on 07/13/2026 text)

Position: Watch

SB 1153 **(Caballero, D) Disaster preparedness: urban retail water suppliers and public water systems: wildfire.**

Current Text: 09/01/2026 - Enrolled **HTML** **PDF**
Introduced: 02/18/2026
Last Amended: 08/17/2026
Status: 08/30/2026 - Ordered to special consent calendar. Assembly amendments concurred in. (Ayes 40. Noes 0.) Ordered to engrossing and enrolling.
Location: 08/30/2026 - Senate ENROLLMENT
Summary: The California Emergency Services Act requires all public water systems, as defined, with 10,000 or more service connections to review and revise their disaster preparedness plans in conjunction with related agencies, including, but not limited to, local fire departments and the Office of Emergency Services, to ensure that the plans are sufficient to address possible disaster scenarios. A person, as defined, who violates the provisions of this act is guilty of a misdemeanor. This bill, beginning January 1, 2028, would require all urban retail water suppliers, as defined, serving 3,300 or more persons and serving a high or very high fire hazard severity zone to include incident-specific response procedures for wildfires as part of their disaster preparedness plans, including any applicable emergency response plan as required by federal law. The bill would require these plans to include, among other things, mitigation actions, including actions, procedures, and equipment, that can obviate or significantly lessen the impact of a wildfire on the water system and the supply of drinking water provided by the water supplier. Because violation of these requirements by certain urban retail water suppliers would constitute a misdemeanor, the bill would expand the scope of a crime, thereby imposing a state-mandated local program. (Based on 09/01/2026 text)

Position: Support

SB 1313 **(McNerney, D) Drinking water: perfluoroalkyl and polyfluoroalkyl substances.**

Current Text: 04/27/2026 - Amended **HTML** **PDF**
Introduced: 02/20/2026
Last Amended: 04/27/2026
Status: 05/14/2026 - Failed Deadline pursuant to Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 5/11/2026)
Location: 05/14/2026 - Senate DEAD
Summary: Existing law establishes the Safe Drinking Water State Revolving Fund, and moneys in the fund are continuously appropriated to the State Water Resources Control Board for the provision of grants and revolving fund loans to provide for the design and construction of projects for public water systems that will enable suppliers to meet safe drinking water standards. Existing law provides that moneys in the fund and its special accounts may be expended for additional purposes provided in the federal Safe Drinking Water Act. This bill would provide that moneys in the fund and its special accounts may be considered eligible and expended for projects that address perfluoroalkyl and polyfluoroalkyl substances in drinking water. By expanding the purposes for which a continuously appropriated fund may be expended, the bill would make an appropriation. (Based on 04/27/2026 text)

Position: Watch

SB 1417 **(Pérez, D) Mutual water companies: assessments and water charges: notice.**

Current Text: 08/30/2026 - Enrolled **HTML** **PDF**
Introduced: 02/20/2026
Last Amended: 08/18/2026
Status: 08/30/2026 - Enrolled and presented to the Governor at 6 p.m.
Location: 08/30/2026 - Senate ENROLLED
Summary: Would prohibit a mutual water company from charging, issuing a bill, or otherwise seeking to hold tenants of shareholders responsible for the costs of water or its delivery, except for specified tenants, and would require all notices of charges for water to be sent to the last known address of the shareholder or tenant, as applicable, or by electronic mail if the shareholder or tenant, as applicable, has provided and verified the use of an electronic mail address to the company within the last year. (Based on 08/27/2026 text)

Position: Watch

Total Measures: 44
Total Tracking Forms: 44

BOARD INFORMATION

THREE VALLEYS MUNICIPAL WATER DISTRICT

BOARD OF DIRECTORS
STAFF REPORT

To: TVMWD Board of Directors

From: Matthew H. Litchfield, General Manager

Date: September 16, 2026

Subject: Conservation Programming Update

Staff Recommendation
No Action Necessary – Informational Item Only

Discussion
Staff continues to advocate for water use efficiency planning and coordination with our member agencies - both locally and statewide. The following is an update on some of the programs we are involved with:

Member Agency Administered Program (MAAP)
The project summary for the Metropolitan Water District (Metropolitan) Member Agency Administered Program (MAAP) funding for the two-year FY 2026-28 cycle is attached. Three Valleys has been approved for a total of $407,000 for this current budget cycle, and 93% of our funds have already been allocated to member agency projects. Within the first week of the new budget cycle, with an influx of proposal requests. Metropolitan has increased its oversight of the MAAP projects over the past few months and have eliminated all MAAP funding for all outdoor components and device projects in the Disadvantaged Communities (DAC). The new restrictions beginning this fiscal year require all outdoor projects to either utilize flexible funding or modify to focus exclusively on indoor activities

Turf Replacement Program Rebates
MWD rebates for turf removal projects remain at the $2/sf for commercial and residential projects and $3/sf for projects classified as public agency. We do not expect more funds to be available for this budget cycle.

Member Agency Conservation Coordinators (MACC)

Staff continue to host three meetings per year with the retail member agencies to discuss the above MWD incentive programs, hear from a variety of subject matter experts/guest presenters and share tips about the programs they are currently working on. This collaboration has proven successful in furthering our regional water use efficiency outreach. The next meeting will be held in October, and the California Data Collaborative will be presenting on the Water Use Efficiency Dashboard and the Landscape Area Measurement (LAM) analysis of turf grass.

Fiscal Impact

None

Environmental Impact

None

Strategic Plan Objective(s)

1.3 – Infrastructure Reliability
1.5 – Advocacy
2.3 – Public Engagement
3.5 – Data Quality

Attachment(s)

Exhibit A – FY 2026-28 MWD/TVMWD MAAP Project Summary

Meeting History

None

NA/MT

THREE VALLEYS MWD
MWD FUNDING ALLOCATION REQUESTS
MEMBER AGENCY ADMINISTERED PROGRAM (MAAP)
FY 2026-28

Rev. 9/10/2026

MAAP Allocation	**$ 407,000.00**	**100%**	**DOC-WS/DAC Allocation (Max)**	**$**	**407,000.00**
Funds Approved	**$ 379,554.56**	**93%**	**DOC-WS/DAC Approved**	**$**	**256,409.00**
Balance	**$ 27,445.44**	**7%**	**Balance**	**$**	**27,445.44**
			Max Available	**$**	**27,445.44**
Leak Detection	**$ 100,000.00**	**100%**	**Non-Doc/Flex Allocation**	**$**	**203,500.00**
Funds Approved	**$ 100,000.00**	**100%**	**Non-Doc/Flex Approved**	**$**	**123,145.56**
Balance	**$ -**	**0%**	**Balance**	**$**	**80,354.44**
			Max Available	**$**	**27,445.44**

	Agency	Program	Doc/Non-Doc	MWD Project #	Approved	Expensed	Remaining
1	Rowland Water District	Customer Learning Workshops	Non-Doc	MET 19	$ 8,700.00		$ 8,700.00
2	Rowland Water District	Residential Leak Repair DAC	DAC	MET38	$ 15,000.00		$ 15,000.00
3	Rowland Water District	Residential Leak Repair	Non-Doc	MET 21	$ 30,000.00		$ 30,000.00
4	Rowland Water District	Smart Irrigation Install	Non-Doc	MET 13	$ 25,000.00		$ 25,000.00
5	Walnut Water District	Poseidon Education Water Resources Leadership Program	Non-Doc	MET 14	$ 24,500.00		$ 24,500.00
6	Walnut Water District	Leak Assessment Program	Non-Doc	MET 51	$ 9,800.00		$ 9,800.00
7	Walnut Water District	Leak Assessment and Repair Program DAC	DAC	MET 48	$ 50,000.00		$ 50,000.00
8	Walnut Water District	Waterwise Survey and Direct Install Program	DAC	MET 47	$ 54,000.00		$ 54,000.00
9	City of Glendora	Plant Bingo Workshop	Non-Doc	MET 43	$ 1,350.00		$ 1,350.00
10	City of Glendora	Slow Release Watering Tree Bags	Non-Doc	MET 29	$ 3,139.96		$ 3,139.96
11	City of Glendora	Water Customer Portal	Doc	Pending MWD Approval	$ 48,484.00		$ 48,484.00
12	City of Glendora	Leak Detection Device	Non-Doc	MET 44	$ 20,655.60		$ 20,655.60
13	City of Pomona	Drinking Fountain Install	DAC	MET 28	$ 18,925.00		$ 18,925.00
14	City of Pomona	Direct Toilet Install Program	DAC	MET 37	$ 70,000.00		$ 70,000.00
15							$ -
16							$ -
17							$ -
18							$ -
				Totals	**$ 379,554.56**	**$ -**	**$ 379,554.56**

Agency	Program	Doc/Non-Doc	MWD Project #	Amount	Expensed	Remaining
Three Valleys MWD	Leak Detection/Repair Project	Leak Detection		$ 100,000.00		$ 100,000.00
			Totals	**$ 100,000.00**	**$ -**	**$ -**

DOC-WS: **Documented Water Savings**
Non-Doc/Flex: **Non-Documented Water Savings (Flex Spending)**
DAC: **Disadvantaged Community**

BOARD INFORMATION

THREE VALLEYS MUNICIPAL WATER DISTRICT

BOARD OF DIRECTORS
STAFF REPORT

To: TVMWD Board of Directors

From: Matthew H. Litchfield, General Manager

Date: September 16, 2026

Subject: Education and Outreach Update

Staff Recommendation
No Action Necessary – Informational Item Only

Discussion
Leadership Breakfast

Three Valleys Municipal Water District (TVMWD) remains committed to promoting educational outreach to our member agencies and communities through our tri-annual Leadership Breakfast events. The next event is scheduled for Thursday, October 22, 2026. The guest speaker for the event is Jennifer Pierre, General Manager of the State Water Contractors. The Leadership Breakfast has been a highly successful initiative by addressing topics that impact the industry. TVMWD will continue its efforts to educate the public through this and other outreach programs.

Educational Tours

Throughout the year TVMWD has the honor of hosting special events.

- Senator Rubio's Office
- Walnut Valey Water District
- City of Glendora
- Division III Candidate

Inspection Trips

MWD's Inspection Trip Program is an important outreach and engagement initiative that provides opportunities for the public, elected officials, and civic leaders to learn more about MWD's water resources, infrastructure, and related facilities. These trips help educate and

inform participants about the region's water supply system and the critical role MWD plays in managing and delivering reliable water resources.

Recently, TVMWD was approved to participate in the three-day Colorado River Aqueduct Inspection Trip, scheduled for November 6–8, 2026 which is being shared with Upper Water. The Colorado River Aqueduct trip is currently at full capacity. TVMWD was also approved for the one-day Weymouth & Pure Water Southern California Facility Tour on February 11, 2027, which is being shared with the City of Santa Ana.

Fiscal Impact
None

Environmental Impact
None

Strategic Plan Objective(s)
2.2 – Accountability
2.3 – Public Engagement

Attachment(s)
None

Meeting History
None

NA/MT