

WALNUT VALLEY WATER DISTRICT  
271 South Brea Canyon Road  
Walnut, CA 91789

REGULAR BOARD MEETING  
MONDAY, JUNE 20, 2022, 5:00 P.M.  
AGENDA

Pursuant to the provisions of Government Code Section 54953(e), as amended by AB 361, any Board member and any member of the public who desires to participate in the open session items of this meeting may do so by accessing the Webex link below without otherwise complying with the Brown Act's teleconference requirements:

<https://walnutvalley.webex.com/meet/bmeeting>

(Computer and Telephone Audio Accessible)

Any member of the public wishing to make any comments to the Board may do so by accessing the above-referenced link where they may select the option to join via webcam or teleconference. The meeting Chair will acknowledge such individual(s) at the appropriate time in the meeting prior to making his or her comment. **Members of the public will be disconnected from the meeting prior to the Closed Session.**

***NOTE: To comply with the Americans with Disabilities Act, if you need special assistance to participate in any Board meeting, please contact the General Manager's office at least 4 hours prior to a Board meeting to inform the District of your needs and to determine if accommodation is feasible.***

***Each item on the agenda shall be deemed to include any appropriate motion, resolution, or ordinance, to take action on any item.***

***Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review during regular business hours at the District office, located at: 271 S. Brea Canyon Road, Walnut, CA.***

1. Flag Salute
2. Roll Call: Mr. Hayakawa\_\_ Mr. Hilden\_\_ Ms. Kwong\_\_ Ms. Lee\_\_ Mr. Tang\_\_
3. Public Comment President Tang  
The Presiding Officer of the Board of Directors may impose reasonable limitations on public comments to assure an orderly and timely meeting.
  - A. **Agenda Items** - Any person desiring to address the Board of Directors on any Agenda item may do so at the time the item is considered on the Agenda by requesting the privilege of doing so at this time and stating the Agenda item to be addressed. At the time the item is discussed, those requesting to speak will be called to do so.
  - B. **Non-Agenda Items** - At this time, the public shall have an opportunity to comment on any non-agenda item relevant to the jurisdiction of the District. Reasonable time limits on each topic and on each speaker are imposed in accordance with Board policy.
4. Additions to Agenda President Tang
  - A. Discussion
  - B. Action Taken
5. Reorder of Agenda President Tang
  - A. Discussion
  - B. Action Taken

6. **Public Hearing: Consideration of Annual Approval of the WVWD Standby Charge Report**
  - A. Open Public Hearing
  - B. Report by Staff and Consultant
  - C. Receive Public Comments
  - D. Close Public Hearing
  - E. Approval to Continue the District's Standby Charge at the Current Rate
    - (1) Discussion
    - (2) Action Taken
  - F. Receive, Approve, and File the Water Standby Charge Report prepared by Willdan Financial Services
    - (1) Discussion
    - (2) Action Taken
7. **Consider Approval of Consent Calendar (Items 1-5)**
  - A. Discussion
  - B. Action Taken
    - (1) Minutes of the Regular Board Meeting held May 16, 2022
    - (2) Minutes of the Special Board Meeting held May 19, 2022
    - (3) Check Register
    - (4) Employee Expense Reimbursement Report
    - (5) Community Outreach Update (Information Only)
8. **Consider Approval of Director Expense Reports**  
 Provided are Expense Reports disclosing per diem requests for Director meeting attendance and an itemization of expenses incurred by the District on behalf of each Director.
  - A. Discussion
  - B. Action Taken
9. **Treasurer's Report** Mr. Byerrum
  - A. Financial Dashboard as of April 30, 2022
  - B. District Statement of Revenues, Expenses, and Change in Net Position as of April 30, 2022
  - C. District Statement of Net Position as of April 30, 2022
  - D. Summary of Cash and Investments as of April 30, 2022
    - (1) Discussion
    - (2) Action Taken

### **COMMITTEE REPORTS**

Standing Committee Reports (The Chair of each committee that has met will report to the full Board)

10. Engineering and Special Projects Director Hayakawa
  - A. **Schedule Public Hearing for the Public Health Goals Report**
    - (1) Discussion
    - (2) Action Taken
  - B. Operations Report (Information Only)
11. Personnel Committee Director Kwong
  - A. **Proposed Telecommuting Policy Amendment**
    - (1) Discussion
    - (2) Action Taken
  - B. **CalPERS Resolution No. 06-22-702 Authorizing an Amendment to the Contract**
    - (1) Discussion
    - (2) Action Taken
12. Finance Committee Director Lee
  - A. **Receive, Approve, and File Investment Transactions Report for Month Ending May 31, 2022**
    - (1) Discussion
    - (2) Action Taken
  - B. **Revenue Bond – East West Bank (Information Only)**

13. Public Information/Community Relations/Legislative Action Committee President Tang  
 A. There are no Public Information/Community Relations/Legislative Action Committee matters to come before the Board at this time.

### OTHER ITEMS

14. TVMWD/MWD Director Hilden
15. P-W-R Joint Water Line Commission Mr. Monk  
 A. [P-W-R JWL Report for Water Purchases for the Month of May 2022](#)  
 B. Other Items
16. Puente Basin Water Agency Director Lee  
 A. [PBWA Budget 2022-23, as amended](#)  
 (1) Discussion (2) Action Taken
17. Spadra Basin Groundwater Sustainability Agency Director Tang
18. General Manager's Report Mr. Hitchman  
 A. [District Activities Calendars for July, August, and September 2022](#)  
 B. [ACWA/JPIA Professional Development Program – Special recognition given to Donna DiLaura for Completion of the JPIA Professional Development Program](#)  
 C. [Stress Test Coalition Letter](#)  
 D. [LAFCO Election Results](#)  
 E. Other Items
19. [Water Supply and Conservation](#) Mr. Hitchman  
 A. District Water Supply and Conservation Update  
 B. Statewide Water Supply Conditions
20. Directors' Oral Reports All Directors
21. Legal Reports Mr. Ciampa  
 ▪ Report on matters of interest or having an effect on the District
22. Board members and staff will be given an opportunity to request and suggest subjects for discussion at a future meeting
23. Board of Directors Business President Tang  
 A. [Replacement of CDMA Badger Endpoints](#)  
 (1) Discussion (2) Action Taken  
 B. [Consider Adoption of Subsequent Resolution No. 06-22-703 Authorizing Remote Teleconference Meetings for the Period June 24, 2022 to July 29, 2022](#)  
 (1) Discussion (2) Action Taken

### Adjournment

I, Lucie Cazares, CMC, Walnut Valley Water District, do hereby certify, under penalty of perjury under the laws of the State of California that a full and correct copy of this agenda was posted pursuant to Government Code Section 54950 et. seq., at 271 S. Brea Canyon Road, Walnut, CA., and uploaded to the Walnut Valley Water District website [www.wvwd.com/board-meetings](http://www.wvwd.com/board-meetings).

# WVWD – Staff Report



**TO:** Board of Directors  
**FROM:** General Manager  
**SUBMITTED BY:** Director of Finance  
**DATE:** June 20, 2022  
**SUBJECT:** Approval to Continue District’s Standby Charge at the Current Rate

---

Action/Discussion     Fiscal Impact     Resolution     Information Only

---

## **Recommendation**

That the Board of Directors approve staff’s recommendations as follows:

- 1) Approve the continuation of the Standby Charge at the current rate, and
- 2) Receive, approve, and file the Water Standby Charge Report prepared by Willdan Financial Services.

## **Background Information**

The Los Angeles County Auditor-Controller requires the annual adoption of a resolution to place the District’s Standby Charges on the County’s property tax roll, which must be submitted in early August. Before adopting such a resolution, the District is required to hold a public hearing to receive and consider comments, protests, and/or objections, if any, to the standby charge. At the May 16th, meeting, the Board scheduled the public hearing for June 20th, with consideration of adoption of a Resolution Establishing Water Standby Charges to Holders of Title to Land to follow at the July 25th Board meeting. A Notice of Public Hearing was published on June 6th and June 13th, in the [San Gabriel Valley Tribune](#).

The purpose of the Standby Charge is to generate revenue for the construction of the District’s fire related storage requirements and its terminal storage facilities to procure alternate sources of supply, to defray the ordinary operation or maintenance expenses incurred in providing fire protection facilities, and for any other lawful District purpose (refer to Section 35470 et. seq. of the Water Code of the State of California). Staff is recommending continuing the District’s Standby Charge at the current rate of \$56 per acre, \$14 for each one-fourth acre or less, and for parcels larger than one-fourth acre but less than one acre the charge is prorated on the basis of \$56 per acre. There has been no change in the amount of the Standby Charge assessment since 1996 when it was decreased from \$64 per acre to \$56 per acre.

As shown in the Annual Standby Charge Report, the standby charge assessments are expected to generate approximately \$946K, compared to an annual budget for authorized expenses of over \$1.3M.

The Water Standby Charge Report supporting the District’s Standby Charge, prepared by Willdan Financial Services, and is attached for your review and discussion. A Willdan Financial Services representative will be at the June 20, 2022, Board meeting to review the report and answer any questions.

*Attachment:*  
• *Water Standby Charge Report*





# Walnut Valley Water District

## WATER STANDBY CHARGE REPORT

FISCAL YEAR 2022/2023

PUBLIC HEARING: JUNE 20, 2022

27368 Via Industria  
Suite 200

Temecula, CA 92590

T 951.587.3500 | 800.755.6864

F 951.587.3510 | 888.326.6864

Property Tax Information Line

T. 866.807.6864

[www.willdan.com](http://www.willdan.com)



# Table of Contents

<b>EXECUTIVE SUMMARY .....</b>	<b>1</b>
<b>INTRODUCTION.....</b>	<b>2</b>
<b>SECTION I: DISTRICT OVERVIEW .....</b>	<b>3</b>
<b>A. CURRENT LEGISLATION.....</b>	<b>3</b>
<b>B. WATER SERVICES .....</b>	<b>4</b>
<b>SECTION II: AUTHORIZED EXPENSES .....</b>	<b>5</b>
<b>A. HYDRANT COSTS .....</b>	<b>5</b>
<b>B. ALLOCATION FACTORS .....</b>	<b>5</b>
<b>C. DIRECT OPERATION COSTS .....</b>	<b>6</b>
<b>D. GENERAL OPERATIONS .....</b>	<b>6</b>
<b>E. SUMMARY OF AUTHORIZED EXPENSES.....</b>	<b>7</b>
<b>SECTION III: DESCRIPTION OF ASSESSMENT .....</b>	<b>7</b>
<b>A. METHOD OF ASSESSMENT .....</b>	<b>8</b>
<b>B. PARCELS AND BOUNDARIES .....</b>	<b>9</b>
<b>C. PRELIMINARY ASSESSMENT ROLL.....</b>	<b>9</b>
<b>EXHIBIT A .....</b>	<b>11</b>

## **EXECUTIVE SUMMARY**

---

The Annual Water Standby Charge Report (“Report”) of the Walnut Valley Water District (“District”) describes and outlines the assessment methodology, affected parcels, and assessments to be levied for Fiscal Year (“FY”) 2022/2023.

Pursuant to the provisions of the Water Code Section 35470, a California water district such as the District, may set a water standby charge each year for making water available to property "whether the water is actually used or not." (§ 35470). Historically, the District has used the revenue generated from the Standby Charge to offset a portion of the costs associated with fire-related expenses. As such, there are four major cost categories funded in part by the Standby Charge:

- 1. Hydrants**
- 2. Operations - Production & Storage and Engineering**
- 3. Operations - Valve Maintenance and Field Service**
- 4. Operations - General**

Based on these components, the total annual authorized fire related expenses for FY 2022/2023 are approximately \$1,382,942.

The District will assess Standby Charges to parcels within the boundaries of the District using the following three categories of acreage size:

- **Parcel sizes that are equal to 1/4 acre or less**
- **Parcel sizes that are greater than 1/4 acre, but less than 1 acre**
- **Parcel sizes that are 1 acre or more**

For FY 2022/2023 the Standby Charge assessments are expected to generate \$946,259 resulting in a shortfall of approximately \$436,683 compared to the authorized fire related expenses of over \$1.3 million.

## **INTRODUCTION**

Pursuant to the provisions of Section 35470 et seq. of the Water Code of the State of California, and in accordance with Resolution No. 07-10-561 of the Board of Directors (the "Board") of the District, establishing a Water Standby Charge Assessment, I, Tyrone Peter, P.E., duly authorized representative of Willdan Financial Services, consultant to the District, submit this Standby Charge Report for FY 2022/2023 consisting of the following parts and exhibits:

### **Section I**

An overview of the District and current applicable legislation.

### **Section II**

An estimate of the fire-related costs to be financed from the proceeds of a standby charge assessment.


### **Section III**

A description of the Uniform Standby Charge assessment including:


- a. The assessment methodology and rate;
- b. A description of each parcel of property and the boundaries of the area proposed to be subject to the levy.
- c. The amount of the assessment for each parcel;

Dated: May 16, 2022

Willdan Financial Services

BY:   
Michelle Laase  
Project Manager



BY:   
Tyrone Peter  
P.E. #C 81888

## SECTION I: DISTRICT OVERVIEW

---

Pursuant to the provisions of the Water Code Section 35470, a California water district such as the District, may set a water standby charge each year for making water available to property "whether the water is actually used or not." (§ 35470). On November 5, 1996, California voters adopted an initiative measure ("Proposition 218"), amending the California Constitution (the "Constitution") by adding Articles XIII C and XIII D. Article XIII D imposed new limitations and procedural requirements for assessments on real property and property-related fees and charges. Section 6.b.4 of Article XIII D states explicitly:

*"Standby Charges, whether characterized as charges or assessments, shall be classified as assessments and shall not be imposed without compliance with Section 4."*

However, any assessment / standby charge that was in effect before the effective date of Proposition 218 that is used to fund capital costs or maintenance and operation expenses for sidewalks, streets, sewers, **water**, flood control, drainage systems, or vector control is exempt from the procedures and approval process outlined in Article XIII D, Section 4. Therefore, the District's existing Standby Charge is not required to re-notice and undergo a Proposition 218 Balloting process unless the District wishes to increase the Standby Charge above its current rate.

The District is authorized by law to provide water service, and may fix, before August 10 of any given year, a water standby charge, on land within its jurisdiction to which water may be made available, whether the water service is actually used or not.

Upon approval and adoption of the annual Standby Charge by the District's Board, the Standby Charges for FY 2022/2023 will be submitted to the Los Angeles County Auditor/Controller for inclusion on the property tax roll for each parcel.

For the purposes of this Report, the word "parcel" refers to an individual property assigned an Assessor Parcel Number by the Los Angeles County Assessor's Office.

### A. CURRENT LEGISLATION

In November 1996, California voters approved Proposition 218 that established specific requirements for the ongoing imposition of taxes, assessments, and fees. The provisions of Proposition 218 are in the Constitution, Articles XIII C and XIII D. All assessments described in this Report and approved by the Board are prepared in accordance with the applicable law, and in compliance with the provisions of the Constitution.

Pursuant to Article XIII D, Section 5 of the Constitution, certain existing assessments and, in this case, standby charges, are exempt from the substantive and procedural requirements of Article XIII D, Section 4. Therefore, property owner balloting is not



required unless a new or increased Standby Charge is proposed. For FY 2022/2023 the District is not proposing to increase the existing Standby Charge rate. This Report is in connection with the continued collection of the Standby Charge for FY 2022/2023 at the same rate as in prior years.

## **B. WATER SERVICES**

The District's service area encompasses an area of approximately 29 square miles. The District's service area includes the City of Diamond Bar, portions of the cities of Walnut, Industry, West Covina, Pomona, and the eastern part of the unincorporated area of Rowland Heights. The District's service area is substantially built out.

California Water Code Section 35470 identifies authorized expenses that may be recovered under a standby charge, including ordinary operation and maintenance expenses and expenses incurred for any other lawful District purpose. This broad categorization of expenses allows the District to use standby charge proceeds for almost any expense incurred. District Resolution 8-82-125, which first authorized the levying of the District's Standby Charge, referred to the expenses authorized by Water Code Section 35470 and the possibility of establishing a sinking fund with standby charge proceeds to fund or finance capital facilities. However, the District has historically used the Standby Charge to offset a portion of costs associated with fire-related expenses.

As such, there are four primary expense categories funded by the Standby Charge:

- 1. Hydrants**
- 2. Operations - Production & Storage and Engineering**
- 3. Operations - Valve Maintenance and Field Service**
- 4. Operations - General**

Section II identifies an allocation associated with fire-related activities for each category.

## SECTION II: AUTHORIZED EXPENSES

### A. HYDRANT COSTS

Direct hydrant costs include expenses associated with outside services and materials for public hydrants. Because hydrants are directly related to fire activities, 100% of the public hydrant expenses are included as an authorized expense. Private hydrants are excluded from standby charge funding. Table 1 shows the calculation for annual direct hydrant costs.

**Table 1: Annual Direct Hydrant Costs**

Description	Estimated FY 2022/23 Costs	Fire Allocation Factor	FY 2022/23 Standby Charge Expense
Outside Services for Private Hydrant	\$0	0%	\$0
Outside Services for Public Hydrant	85,000	100%	85,000
Materials and Supplies for Private Hydrant	300	0%	0
Materials and Supplies for Public Hydrant	36,000	100%	36,000
Replacement of Fire Related Assets	212,265	100%	212,265
<b>Total</b>	<b>\$333,565</b>		<b>\$333,265</b>

Source: Walnut Valley Water District.

### B. ALLOCATION FACTORS

A water system requires accommodations of Fire Flow Demand (“FFD”) with the sizing of pipes, storage facilities, and other appurtenant facilities to meet the Max Day Demand (“MDD”) and Max Hour Demand (“MHD”). Therefore, FFD is a component of MDD and MHD. Based on the District’s system requirements, the maximum fire flow needed during a fire event is 5,000 gallons per minute (“gpm”) for a minimum duration of two hours. Table 2 derives the portion of MDD and MHD associated with FFD during a fire event.

#### Fire Flow Requirement

Fire Flow Requirement + Maximum (Day or Hour) Demand

The District estimates the MDD is 24,749 gpm and the MHD is 27,787 gpm. The District has designed the distribution system to deliver the maximum fire flow of 5,000 gpm for its service area.

**Table 2: Allocation Factor**

	Max Demand (gpm)	Required Fire Flow (gpm)	Allocation Factor
Day	24,749	5,000	20.2%
Hour	27,787	5,000	18.0%

Source: Walnut Valley Water District.



### C. DIRECT OPERATION COSTS

Table 3 presents the estimated cost of production and storage, engineering, valve maintenance and field services related to the fire facilities based on the allocation factors provided in Table 2.

**Table 3: Allocated Costs  
(Production & Storage, Engineering, Valve Maintenance and Field Services)**

Description	Estimated FY 2022/23 Budget	Allocation Factor	FY 2022/23 Standby Charge Expense
Production & Storage	\$1,486,700	20.2% (MDD)	\$300,361
Engineering	1,604,600	20.2% (MDD)	324,180
<b>Subtotal Estimated Costs*</b>	<b>\$3,091,300</b>		<b>\$624,541</b>
Valve Maintenance	\$419,500	18.0% (MHD)	\$75,485
Field Services	1,262,600	18.0% (MHD)	227,191
<b>Subtotal Estimated Costs*</b>	<b>\$1,682,100</b>		<b>\$302,676</b>
<b>Total Estimated Costs*</b>	<b>\$4,773,400</b>		<b>\$927,217</b>

\* Slight variance due to rounding.

Source: Table 2; Walnut Valley Water District.

**Production & Storage** – Production and storage facilities are designed to deliver MDD for a water system. The Production and Storage Department provides for the operation and maintenance of the District’s pumping facilities and the 28 reservoirs that provide 88 million gallons of water storage within the District.

**Engineering** – Provides services related to the design of the District’s water system and supports operations and maintenance of the system to meet daily demands, including MDD, by developing a water system repair and replacement program.

**Valve Maintenance & Field Services** – The Valve Maintenance and Field Services Departments are responsible for the operation and maintenance of the District’s valves, hydrants, and conveyance system to meet water demand throughout each hour of the day, including MHD. The Field Services costs in Table 3 do not include the hydrant costs allocated 100% to the Standby Charge in Table 1.

### D. GENERAL OPERATIONS

The District’s Operations – General division supports the six divisions of Production & Storage, Water Quality, Valve Maintenance, Field Services, Customer Service, and Recycled. Therefore, the cost of Operation – General is allocated based on the proportionate share of the estimated budgeted expenses for the six divisions allocated to fire activities.

**Table 4: Annual Cost for Operations - General**

Description	FY 2022/23 District Budget	Fire Allocations
Production & Storage	\$2,533,700	\$300,361
Water Quality	428,300	0
Valve Maintenance	419,500	75,485
Field Services <sup>(1)</sup>	1,383,900	348,191
Customer Service Field	485,400	0
Recycled	496,100	0
<b>Total</b>	<b>\$5,746,900</b>	<b>\$724,037</b>
<b>Percent Attributable to Fire Activities</b>		<b>12.6%</b>

Description	FY 2022/23 District Budget	Fire Allocation Factor	FY 2022/23 Standby Charge Expense
Operations – General	\$972,000	12.6%	\$122,460

<sup>(1)</sup> Fire Allocation includes Field Services from Table 3 and Public Hydrants from Table 1.

Source: Walnut Valley Water District.

### E. SUMMARY OF AUTHORIZED EXPENSES

Table 5 summarizes the Fiscal Year 2022/2023 expenses partially funded by the Standby Charge.

**Table 5: Standby Charge Authorized Expenses**

Description	Expense
Hydrant Costs	\$333,265
Production & Storage and Engineering	624,541
Valve Maintenance and Field Services	302,676
Operations - General	122,460
<b>Total Annual Cost for Fire Facilities</b>	<b>\$1,382,942</b>

Source: Table 1; Table 3; Table 4.

## **SECTION III: DESCRIPTION OF ASSESSMENT**

As referenced in Section I of this Report, California Water Code Section 35470 states that any local agency that provides water services may, by resolution adopted after notice and hearing, determine, and levy an assessment for water services.

The California Government Code further requires that the agency establish a methodology, which is related to the benefit received from the water services for

calculating the assessment to be levied on each parcel. Section 54984.2 of the Uniform Standby Charge Procedures Act provides that:

“...The governing body of the agency which fixes the charge may establish schedules varying the charge according to land uses, benefit derived or to be derived from the use or availability of facilities to provide water, sewer, or water and sewer service, or the degree of availability or quantity of the use of the water, sewer, or water and sewer services to the affected lands, and may restrict the assessment to one or more improvement districts or zones of benefit established within the jurisdiction of the agency. The charge may be imposed on an area, frontage, or parcel basis, or a combination thereof.”

### A. METHOD OF ASSESSMENT

The proposed Standby Charge rate has not increased for Fiscal Year 2022/2023. The methodology used to calculate each parcel’s charge is consistent with the methodology applied at the initial imposition of the Standby Charge.

The District assesses the Standby Charge using three categories, which are based on parcel acreage size:

- Parcels that are equal to 1/4 acre or less
- Parcels that are greater than 1/4 acre, but less than 1 acre
- Parcels that are 1 acre or more

The amount of the proposed Assessment for Fiscal Year 2022/2023 is based on the acreage as apportioned to each parcel as reported in the latest roll of the Los Angeles County Assessor. The description of each parcel is part of the records of the County Assessor and these records are, by reference, made a part of this Report.

**Table 6: Standby Charge Rate**

Acreage Category	Standby Charge Rate	Multiplied by
1/4 Acre or less	\$14.00	Per Parcel
Greater than 1/4, but less than 1 Acre	\$56.00	Prorated based on acreage
1 Acre or more	\$56.00	Per Acre and fraction thereof

Source: Walnut Valley Water District.

Note that parcels with 1/4 of an acre or less will be charged a flat fourteen dollars (\$14.00) per parcel per year. Parcels larger than 1/4 of an acre will be charged fifty-six dollars (\$56.00) per acre and fraction thereof per year.

## B. PARCELS AND BOUNDARIES

The proposed Uniform Standby Charge assessment is entitled:

### WALNUT VALLEY WATER DISTRICT WATER STANDBY CHARGE ASSESSMENT

The boundaries of the area proposed to be subject to the levy of the Water Standby Charge Assessment are completely contiguous with the boundaries of the District. The lines and dimensions of each lot or parcel within the District Boundaries are those lines and dimensions shown on the maps of the Assessor of the County of Los Angeles for the year when this report was prepared and are incorporated herein by reference and made part of this Standby Charge Report.

All future annexations to the District shall, subsequent to such annexation, be included in the Water Standby Charge Assessment. In future years, if any new parcels are created as a result of the division or consolidation of land, re-computation of the assessments will be conducted and the new parcels will be included within the area of assessment.

The Standby Charge information for each parcel, as outlined in this Report, and confirmed by the Board, shall be submitted to the Los Angeles County Auditor/Controller, and included on the property tax roll for FY 2022/2023. If the parcels referenced in this report are renumbered, re-apportioned, or otherwise changed by the County Assessor's Office, the Standby charge will be calculated and submitted for the new parcel(s).

## C. PRELIMINARY ASSESSMENT ROLL

Table 7 summarizes the FY 2022/2023 preliminary assessment roll by acreage category, and includes the total acreage assessed per category. The preliminary assessment roll includes 31,137 parcels, with 22,182 charged the minimum of \$14 per parcel.

**Table 7: FY 2022/2023 Preliminary Assessment**

Acreage Category	Number of Parcels	Total Acreage*	Proposed Assessment
1/4 Acre or less	22,182	5,351	\$310,548
Greater than 1/4, but less than 1 Acre	7,030	2,954	165,374
1 Acre or more	1,925	8,400	470,337
<b>Total</b>	<b>31,137</b>	<b>16,706</b>	<b>\$946,259</b>

\* Rounded to the nearest whole acre.  
Source: Los Angeles County Assessor.

Table 8 summarizes the projected revenue to be generated by the Standby Charge, the authorized expenses as calculated in Section II, and the projected deficit of \$436,683 for Fiscal Year 2022/2023.

**Table 8: Revenue and Expenses**

	<b>Annual</b>
Revenue Generated by Standby Charge	\$946,259
Authorized Expenses	\$1,382,942
<b>(Deficit)</b>	<b>(\$436,683)</b>

Note: Totals may not foot due to rounding.

Source: Table 5; Table 7.

## **EXHIBIT A**

---

### **Walnut Valley Water District Water Standby Charge Assessment**

#### **Assessment Roll - Fiscal Year 2022/2023**

Each Assessor's Parcel Number and its Assessment to be levied for Fiscal Year 2022/2023 can be provided by Willdan Financial Services or the Los Angeles County Assessor. Reference is made to the Los Angeles County Assessor's office for further description of the parcels in the District.

**MINUTES OF REGULAR MEETING  
OF THE BOARD OF DIRECTORS OF  
WALNUT VALLEY WATER DISTRICT**

**MAY 16, 2022  
MEETING CONDUCTED VIA WEBEX  
AT:**

<https://walnutvalley.webex.com/meet/bmeeting>

**DIRECTORS PRESENT:**

Kevin Hayakawa  
Edwin Hilden  
Scarlett Kwong  
Theresa Lee  
Jerry Tang

**DIRECTORS ABSENT:**

None

**STAFF PRESENT:**

Erik Hitchman, General Manager/Chief Engineer  
Jared Macias, Assistant General Manager  
Josh Byerrum, Director of Finance  
Lily Lopez, Director of External Affairs  
Sherry Shaw, Director of Engineering & Planning  
Lucie Cazares, Executive Secretary  
Jim Ciampa, Legal Counsel  
Ron Woodruff, Information Systems Specialist (Host)

The meeting was called to order at 5:00 p.m. with President Tang presiding. All Board meeting participants and guests joined the meeting via the Webex link:

<https://walnutvalley.webex.com/meet/bmeeting>.

Guests and others in attendance: Three Valleys Municipal Water District (TVMWD) Directors Mike Ti, Jody Roberto, David De Jesus, and General Manager, Matthew Litchfield.

**Item 3: Public Comment**

- ◆ There was no public comment. (Item 3)

**Item 4: Additions to the Agenda**

- ◆ There were no requests for additions to the agenda. (Item 4)

**Item 5: Reorder of the Agenda**

- ◆ There were no requests for reorder of the agenda. (Item 5)

**Item 6: Consider Approval of Consent Calendar**

- ◆ The Board was asked to approve the Consent Calendar, consisting of the minutes of the Regular Board meeting held April 18, 2022, the Special Board meeting held April 21, 2022, the Check Register, the Employee Expense Reimbursement Report, and the Community Outreach Report. (Item 6-1, 2, 3, 4, 5)

***Motion No.22-05-1791: Upon consideration thereof, it was moved by Director Hilden, seconded by Director Lee, and unanimously carried (5-0) by the roll call vote noted below, to approve the Consent Calendar, consisting of the minutes of the Regular Board meeting held April 18, 2022, the Special meeting held April 21, 2022, the Check Register, the Employee Expense Reimbursement Report, and the Community Outreach Report. (Items 6-1, 2, 3, 4, 5)***

**Ayes: Hilden, Hayakawa, Kwong, Lee, Tang**  
**Noes: None**  
**Absent: None**  
**Abstain: None**

**President Tang indicated Motion No. 22-05-1791 was approved by a (5-0) roll call vote**



**Item 7: Director Expense Reports**

- ◆ The Board was asked to receive, approve, and file the Board member expense reports indicating per diem requests for meeting attendance and individual reports of additional expenses incurred by the District on behalf of each Director for events occurring during the month of April 2022. (Item 7)

***Motion No.22-05-1792: Upon consideration thereof, it was moved by Director Kwong, seconded by Director Lee, and unanimously carried (5-0) by the roll call vote noted below, to receive, approve, and file the Board member expense reports for meeting attendance and additional expenses incurred by the District on behalf of each Director for events occurring during the month of April 2022. (Item 7)***

**Ayes: Hilden, Hayakawa, Kwong, Lee, Tang**  
**Noes: None**  
**Absent: None**  
**Abstain: None**

**President Tang indicated Motion No. 22-05-1792 was approved by a (5-0) roll call vote**

**Item 8: Treasurer’s Report**

- ◆ Mr. Byerrum presented the Financial Dashboard as of March 31, 2022, the District Statement of Revenue, Expenses, and Change in Net Position as of March 31, 2022, the District Statement of Net Position as of March 31, 2022, and Summary of Cash and Investments as of March 31, 2022. (Items 8-A, B, C, D)

***Motion No. 22-05-1793: Upon consideration thereof, it was moved by Director Lee, seconded by Director Kwong, and unanimously carried (5-0) by the roll call vote noted below, to receive, approve, and file the Financial Dashboard as of March 31, 2022, the District Statement of Revenue, Expenses, and Change in Net Positions as of March 31, 2022, the District Statement of Net Positions as of March 31, 2022, and Summary of Cash and Investments as of March 31, 2022. (Items 8-A, B, C, D)***

**Ayes: Hayakawa, Hilden, Kwong, Lee, Tang**  
**Noes: None**  
**Absent: None**  
**Abstain: None**

**President Tang indicated Motion No. 22-05-1793, approved by a (5-0) roll call vote**

**Committee Chair Reports**

**Item 9: Engineering Committee – Director Hayakawa**

- ◆ Mr. Monk reviewed the Operations Report included in the Board Packet. No action was taken by the Board. (Item 9-A)

**Item 10: Personnel Committee – Director Kwong**

- ◆ The Board was asked to approve the Cellular Telephone and Other Similar Personal Electronic Device Usage Policy Amendment. (Item 10-A)

***Motion No. 22-05-1794: Upon consideration thereof, it was moved by Director Kwong, seconded by Director Hayakawa, and unanimously carried (5-0) by the roll call vote noted below, to approve the Cellular Telephone and Other Similar Personal Electronic Device Usage Policy Amendment.***

**Ayes: Hayakawa, Hilden, Kwong, Lee, Tang**  
**Noes: None**  
**Absent: None**  
**Abstain: None**

**President Tang indicated Motion No. 22-05-1794 was approved by a (5-0) roll call vote**

- ◆ The Board was asked to adopt CalPERS Resolution of Intention to amend the District's contract with the California Public Employees Retirement System (CalPERS). The Board was advised that the resolution gives notice of intention to amend said contract to provide Section 20516 (Employees Sharing Additional Cost) of 1% for classic local miscellaneous members in the Unrepresented General Employees Unit, Unrepresented Mid-Management and Unrepresented Executive Staff. (Item 10-B)

***Motion No. 22-05-1795: Upon consideration thereof, it was moved by Director Kwong, seconded by Director Hayakawa and unanimously carried (5-0) by the roll call vote noted below, to adopt CalPERS Resolution of Intention to approve an amendment to the District's contract between the California Public Employees Retirement System and the Board of Directors of Walnut Valley Water District, to provide to provide Section 20516 (Employees Sharing Additional Cost) of 1% for classic local miscellaneous members in the Unrepresented General Employees Unit, Unrepresented Mid-Management and Unrepresented Executive Staff.***

**Ayes: Hayakawa, Hilden, Kwong, Lee, Tang**  
**Noes: None**  
**Absent: None**  
**Abstain: None**

**President Tang indicated Motion No. 22-05-1795 was approved by a (5-0) roll call vote**

**Item 11: Finance Committee – Director Tang**

- ◆ Mr. Jayson Schmitt of Chandler Asset Management presented an update on the firm's investment activities on behalf of the District. The Board then moved to receive, approve, and file Mr. Schmitt's report. (Items 11-A)

***Motion No. 22-05-1796: Upon consideration thereof, it was moved by Director Lee, seconded by Director Kwong, and unanimously carried (5-0) by the roll call vote noted below, to receive, approve and file Mr. Schmitt's report. (Item 11-A)***

**Ayes: Hayakawa, Hilden, Kwong, Lee, Tang**  
**Noes: None**  
**Absent: None**  
**Abstain: None**

**President Tang indicated Motion No. 22-05-1796 was approved by a (5-0) roll call vote**

- ◆ The Board was asked to schedule a public hearing to be held during the regular June 20, 2022, Board meeting, to receive comments regarding the District's Standby Charge Assessment. (Item 11-B)

***Motion No. 22-05-1797: Upon consideration thereof, it was moved by Director Lee, seconded by Director Kwong and unanimously carried (5-0) by the roll call vote noted below, to schedule a public hearing to be held during the regular June 20, 2022, Board meeting to receive and respond to comments regarding the District's Standby Charge Assessment. (Item 11-B)***

**Ayes: Hayakawa, Hilden, Kwong, Lee, Tang**  
**Noes: None**  
**Absent: None**  
**Abstain: None**

**President Tang indicated Motion No. 22-05-1797 was approved by a (5-0) roll call vote**

- ◆ The Board was asked to approve the Valuation of Retiree Health Benefits, Report of GASB 75 Actuarial Valuation as of June 30, 2021. (Item 11-C)

***Motion No. 22-05-1798:*** Upon consideration thereof, it was moved by Director Tang seconded by Director Lee and unanimously carried (5-0) by the roll call vote noted below, to approve the Valuation of Retiree Health Benefits, Report of GASB 75 Actuarial Valuation as of June 30, 2021. (Item 11-C)

**Ayes:** Hayakawa, Hilden, Kwong, Lee, Tang  
**Noes:** None  
**Absent:** None  
**Abstain:** None

**President Tang indicated Motion No. 22-05-1798 was approved by a (5-0) roll call vote**

- ◆ Mr. Byerrum reviewed the District's investment activities for the period ending April 30, 2022. The Board was then asked to receive, approve and file the investment transactions report. (Item 11-D)

***Motion No. 22-05-1799:*** Upon consideration thereof, it was moved by Director Lee seconded by Director Hilden and unanimously carried (5-0) by the roll call vote noted below, to receive, approve and file the District's investment transactions report for the period ending April 30, 2022. (Item 11-D)

**Ayes:** Hayakawa, Hilden, Kwong, Lee, Tang  
**Noes:** None  
**Absent:** None  
**Abstain:** None

**President Tang indicated Motion No. 22-05-1799 was approved by a (5-0) roll call vote**

- ◆ As a matter of information only, the Board received a Revenue Bond Funds Held in Trust report. (Item 11-E)

**Item 12: Public Information/Community Relations/Legislative Action Committee – Director Tang**

- ◆ The Board was asked to authorize the General Manager to execute a contract with Planeteria Media to redesign, develop, and implement a website for Walnut Valley Water District and its customers.

***Motion No. 22-05-1800:*** Upon consideration thereof, it was moved by Director Tang seconded by Director Hilden and unanimously carried (5-0) by the roll call vote noted below, to authorize the General Manager to execute a contract with Planeteria Media in the not to exceed amount of \$63,000 to redesign, develop, and implement a website for Walnut Valley Water District and its customers. (Item No. 12-A)

**Ayes:** Hayakawa, Hilden, Kwong, Lee, Tang  
**Noes:** None  
**Absent:** None  
**Abstain:** None

**President Tang indicated Motion No. 22-05-1800 was approved by a (5-0) roll call vote**

**Item 13: TVMWD/MWD**

- ◆ Updates on TVMWD and MWD business matters were provided by General Manager Matthew Litchfield and Director David De Jesus, respectively. (Item 13)

**Item 14: The P-W-R Joint Water Line Commission**

- ◆ Mr. Monk reported on the P-W-R Joint Water Line Commission water use report for the month of April 2022 included in the Board packet. (Item 14)

#### **Item 15: Puente Basin Water Agency (PBWA)**

- ◆ The Board was asked to ratify the Puente Basin Water Agency FY 2022-23 Budget, as approved by the PBWA Commission at the April 7, 2022 meeting. (Item 15-A)

***Motion No. 22-05-1801: Upon consideration thereof, it was moved by Director Lee seconded by Director Hilden and unanimously carried (5-0) by the roll call vote noted below, to ratify the Puente Basin Water Agency FY 2022-23 Budget. (Item 15-A)***

**Ayes:** Hayakawa, Hilden, Kwong, Lee, Tang  
**Noes:** None  
**Absent:** None  
**Abstain:** None

**President Tang indicated Motion No. 22-05-1801 was approved by a (5-0) roll call vote**

#### **Item 16: Spadra Basin Groundwater Sustainability Agency**

- ◆ Director Tang reported that the next Spadra Basin GSA Advisory Committee meeting is scheduled for June 6, 2022. (Item 16)

#### **Item 17: General Manager's Report**

- ◆ The Board received the District's activities calendars for June, July and August 2022. (Item 17-A)
- ◆ The Board recognized Ms. Shawna Seals for her recent completion of ACWA/JPIA Professional Development Operations Certification Program. (Item 17-B)

#### **Item 18: Water Supply and Conservation**

- ◆ The Board received reports and graphs of the following items: District potable and recycled water use, Calendar Year 2022 purchased water estimate, conservation goal summary, climate summary, and 2022 monthly water consumption versus the 2013 and 2020 baseline years. The report noted that the District's water usage for April 2022 was 21% higher than usage in April 2020 due to significant amounts of rain received in April 2020 and 24% lower than usage in April 2013. (Item 18-A)
- ◆ The Board viewed reports on California's water supply and reservoir conditions as of May 10, 2022. (Item 18-B)

#### **Item 19: Directors' Oral Reports**

(NOTE: Board meeting minutes provide written reports of Board meeting activities and committee meeting reports are given during the course of regular Board meeting activities. Directors include reports of their participation in non-expense/per diem paid community events as a matter of information.) (Item 19)

- ◆ Director Hayakawa reported that during the month of May he attended the District's regular Board meeting, District committee meetings, the WVUSD Board meeting and TVMWD Board meetings.
- ◆ Director Hilden reported his participation in the District's regular board meetings in addition to the committee meetings previously reported on, he attended the DB Evergreen Club celebration, poster contest judging, the WVUSD Board meeting, and the TVMWD Board meetings.
- ◆ Director Kwong reported on her participation in District Board and committee meetings, as well as the DB Evergreen Club celebration, the RCCSGV Government Affairs Committee, poster contest judging, the City of Industry City Council meeting, and the WVUSD Board meeting.
- ◆ In addition to the District Board and committee meetings previously reported on, Director Lee reported on her participation in the DB Evergreen Club celebration, the poster judging contest and the PBWA Board meeting.
- ◆ Director Tang advised that he attended the District Board and committee meetings in addition to participating in the PBWA Board meeting, poster judging contest, the WVUSD Board meeting and reviewing of the Diamond Bar Evergreen Club advertisement.

#### **Item 20: Legal Reports**

- ◆ There were no legal reports to come before the Board at this time. (Item 20)

#### **Item 21: Items for Future Discussion**

- ◆ There were no requests for future discussion items. (Item 21)

**Item 22: Board of Directors Business**

- ◆ The Board was asked to adopt WVWD Resolution No. 05-22-701, authorizing remote teleconference meetings for the period May 19, 2022 to June 23, 2022. (Item 22-A)

**Motion No. 22-05-1802:** *Upon consideration thereof, it was moved by Director Lee, seconded by Director Hilden and unanimously carried (5-0) by the roll call vote noted below, to adopt WVWD Resolution No. 05-22-701 authorizing remote teleconference meetings for the period May 19, 2022 to June 23, 2022. (Item 22-A)*

**Ayes:** Hayakawa, Hilden, Kwong, Lee, Tang  
**Noes:** None  
**Absent:** None  
**Abstain:** None

President Tang indicated Motion No. 22-05-1802, adopting Resolution No. 05-22-701, was approved by a (5-0) roll call vote

**Adjournment at 6:33 p.m.**

**MINUTES OF SPECIAL MEETING  
OF THE BOARD OF DIRECTORS OF  
WALNUT VALLEY WATER DISTRICT**

**May 19, 2022  
MEETING CONDUCTED VIA WEBEX  
AT:**

**<https://walnutvalley.webex.com/meet/bmeeting>**

**DIRECTORS PRESENT:**

Kevin Hayakawa  
Edwin Hilden  
Scarlett Kwong  
Theresa Lee  
Jerry Tang

**DIRECTORS ABSENT:**

None

**STAFF PRESENT:**

Erik Hitchman, General Manager/Chief Engineer  
Jared Macias, Assistant General Manager  
Josh Byerrum, Director of Finance  
Lily Lopez, Director of External Affairs  
Sherry Shaw, Director of Engineering & Planning  
Lucie Cazares, Executive Secretary  
Carmen Fleming, Executive Assistant  
Jim Ciampa, Legal Counsel  
Ron Woodruff, Information Systems Specialist (Host)

The meeting was called to order at 4:01 p.m. with President Tang presiding. All Board meeting participants and guests joined the meeting via the Webex link:

<https://walnutvalley.webex.com/meet/bmeeting>.

Guests and others in attendance: None

**Item 3: Public Comment**

- ◆ There was no public comment. (Item 3)

**Item 4: Fiscal Year 2022-2023 Budget Overview**

- ◆ The Board received a PowerPoint presentation detailing elements of the District's Budget for the 2022-23 Fiscal Year. Mr. Byerrum reviewed and discussed major elements of the Budget such as budgeted and projected potable water sales, recycled water sales, and other non-operating revenues. He then reviewed major expense categories including purchased water, capacity charges, TVMWD fixed charges, WVWD personnel costs, operations and maintenance expenses, and debt service expenses. Lastly, discussion ensued regarding the District's FY 22-23 Capital Improvement Program.
- ◆ Following Mr. Byerrum's presentation, the Board was informed that staff proposed to present the final budget for further consideration and possible action at the June 20, 2022 WVWD Regular Board meeting.
- ◆ No Board action was taken as this was an information item only. (Item 4)

**Item 5: Purchase of Portable Tier 4 Emergency Generator from Hi Power Generators**

- ◆ The Board was asked to authorize the General Manager to purchase one HI Power HRJW 325 Tier 4 Final portable generator at a cost of approximately \$198,000 and authorize the appropriation of an additional \$38,000 from RCC Funds to cover that acquisition.

***Motion No. 22-05-1803: Upon consideration thereof, it was moved by Director Lee, seconded by Director Hilden and unanimously carried (5-0) by the roll call vote noted below, to authorize the General Manager to purchase one HI Power HRJW 325 Tier 4 Final portable generator at a cost of approximately \$198,000 and authorize the appropriation of an additional \$38,000 from RCC Funds to cover the cost of that acquisition. (Item No. 5-A)***

**Ayes: Hayakawa, Hilden, Kwong, Lee, Tang**  
**Noes: None**  
**Absent: None**  
**Abstain: None**

**President Tang indicated Motion No. 22-05-1803 was approved by a (5-0) roll call vote**

**Adjournment at 4:52 p.m.**

Walnut Valley Water District  
Check Register For the Month of May 2022

CHECK NUMBER	DATE	PAYEE	AMOUNT
6912	5/26/2022	City of Industry - VOIDED	
6795	5/4/2022	Puente Basin Watermaster	\$ 3,982.80
6796	5/4/2022	Trophy Center U.S.	\$ 2,838.79
6797	5/4/2022	Rowland Water District	\$ 313.44
6798	5/4/2022	Ewing Irrigation Products Inc.	\$ 765.99
6799	5/4/2022	Fuel Pros, Inc.	\$ 175.00
6800	5/4/2022	InfoSend, Inc.	\$ 3,552.39
6801	5/4/2022	Applied Technology Group, Inc.	\$ 300.00
6802	5/4/2022	Genesis Computer Systems, Inc.	\$ 2,172.17
6803	5/4/2022	Online Information Services, Inc.	\$ 405.82
6804	5/4/2022	Sheakley Pension Administration, Inc.	\$ 175.15
6805	5/4/2022	Harrington Industrial Plastics, LLC	\$ 185.64
6806	5/4/2022	Discovery Science Center	\$ 950.00
6807	5/4/2022	Cintas First Aid & Safety LOC#168	\$ 216.81
6808	5/4/2022	Puente Hills Ford	\$ 45.72
6809	5/4/2022	Frontier Communications	\$ 356.24
6810	5/4/2022	Hill Brothers Chemical Company	\$ 1,945.45
6811	5/4/2022	HASA, Inc.	\$ 1,938.88
6812	5/4/2022	Green Media Creations, Inc.	\$ 6,000.00
6813	5/4/2022	Lagerlof, LLP	\$ 1,470.00
6814	5/4/2022	Thermal Concepts, Inc.	\$ 3,455.89
6815	5/4/2022	Fill Good LLC	\$ 1,550.00
6816	5/4/2022	Kent, Douglas G	\$ 900.00
6817	5/4/2022	Hedy Yun Liu	\$ 713.37
6818	5/6/2022	Graybar Electric Company, Inc.	\$ 1,721.32
6819	5/6/2022	Hach Company	\$ 2,410.49
6820	5/6/2022	McMaster-Carr Supply Company	\$ 77.60
6821	5/6/2022	Underground Service Alert	\$ 607.30
6822	5/6/2022	United Rentals Northwest, Inc.	\$ 788.40
6823	5/6/2022	Vulcan Materials Company	\$ 1,982.50
6824	5/6/2022	Cintas Corporation #150	\$ 1,358.48
6825	5/6/2022	Chandler Asset Management, Inc.	\$ 3,005.13
6826	5/6/2022	Applied Technology Group, Inc.	\$ 1,672.00
6827	5/6/2022	Ferguson Waterworks - Santa Ana	\$ 24,758.84
6828	5/6/2022	Tri County Pump Company	\$ 16,471.10
6829	5/6/2022	State Water Resources Control Brd - ELAP	\$ 5,000.00
6830	5/6/2022	TelePacific Corp.	\$ 949.80
6831	5/6/2022	Managed Mobile, Inc.	\$ 898.46
6832	5/6/2022	Flyers Energy, LLC	\$ 16,230.32
6833	5/6/2022	ALS Group USA, Corp.	\$ 1,130.00
6834	5/6/2022	Autonovation Mobile Auto Repair	\$ 1,159.49
6835	5/6/2022	David Wilson's Villa Ford	\$ 1,277.47
6836	5/6/2022	All City Plumbing Drain Cleaning & Rooter	\$ 849.00



Walnut Valley Water District  
Check Register For the Month of May 2022

CHECK NUMBER	DATE	PAYEE	AMOUNT
6837	5/10/2022	ACWA Services Corporation	\$ 136,436.21
6838	5/10/2022	Graybar Electric Company, Inc.	\$ 13,849.36
6839	5/10/2022	Quinn Company	\$ 382.16
6840	5/10/2022	Tucker Tire Company, Inc.	\$ 12.00
6841	5/10/2022	Home Depot Credit Services	\$ 725.36
6842	5/10/2022	Dunn Edwards Corporation	\$ 804.30
6843	5/10/2022	Ferguson Waterworks - Santa Ana	\$ 312.73
6844	5/10/2022	Office Solutions Business Prod. & Svcs,LLC	\$ 560.21
6845	5/10/2022	Azusa Land Reclamation, Inc.	\$ 3,172.39
6846	5/10/2022	S & J Supply Company, Inc.	\$ 28,448.77
6847	5/10/2022	HASA, Inc.	\$ 1,413.83
6848	5/10/2022	Day & Nite Publishing	\$ 2,239.28
6849	5/10/2022	Amazon Capital Services, Inc.	\$ 2,431.37
6850	5/10/2022	La Canada Design Group, Inc.	\$ 11,880.88
6851	5/17/2022	Pomona City Clerk	\$ 2,048.68
6852	5/17/2022	Pumping Solutions	\$ 2,693.62
6853	5/17/2022	San Gabriel Valley Tribune	\$ 615.63
6854	5/17/2022	South Coast A.Q.M.D.	\$ 287.76
6855	5/17/2022	Cintas Corporation #150	\$ 86.70
6856	5/17/2022	Fuel Pros, Inc.	\$ 1,580.62
6857	5/17/2022	Genesis Computer Systems, Inc.	\$ 2,452.45
6858	5/17/2022	Industry Public Utility Commission	\$ 1,491.26
6859	5/17/2022	Ferguson Waterworks - Santa Ana	\$ 39,912.75
6860	5/17/2022	East West Bank - Visa	\$ 13,604.00
6861	5/17/2022	Cintas First Aid & Safety LOC#168	\$ 334.10
6862	5/17/2022	Frontier Communications	\$ 1,060.98
6863	5/17/2022	Governmentjobs.com, Inc	\$ 3,766.23
6864	5/17/2022	ConvergeOne, Inc.	\$ 19,440.00
6865	5/17/2022	OPARC, Inc.	\$ 5,111.06
6866	5/17/2022	Premier Family Medicine Associates, Inc.	\$ 160.00
6867	5/17/2022	Spadra Basin Groundwater Sustainability Agency	\$ 432.00
6868	5/17/2022	Bay Alarm Company	\$ 240.00
6869	5/17/2022	Canon Solutions America, Inc.	\$ 2,090.82
6870	5/17/2022	Lagerlof, LLP	\$ 1,680.00
6871	5/17/2022	Aqua Backflow, Inc	\$ 1,643.50
6872	5/17/2022	Compliance Signs, LLC	\$ 85.30
6873	5/17/2022	The Centre for Organization Effectiveness	\$ 12,750.00
6874	5/17/2022	Rosemount, Inc.	\$ 2,982.69
6875	5/17/2022	Truong, Jihao Jasper	\$ 75.00
6876	5/17/2022	Fu, Reena	\$ 100.00
6877	5/17/2022	Hu, Carolyn	\$ 100.00
6878	5/17/2022	Truong, Lingfei Coco	\$ 100.00
6879	5/17/2022	Wu, Stella	\$ 100.00

Walnut Valley Water District  
Check Register For the Month of May 2022

CHECK NUMBER	DATE	PAYEE	AMOUNT
6880	5/17/2022	Hu, Isabella	\$ 250.00
6881	5/17/2022	Sampson, Alessa	\$ 200.00
6882	5/17/2022	Hata, Joy	\$ 200.00
6883	5/17/2022	Nguyen, Nikki	\$ 150.00
6884	5/17/2022	Wu, Amber	\$ 100.00
6885	5/17/2022	Lowe, Kim	\$ 250.00
6886	5/17/2022	Dizon, Rhoda	\$ 250.00
6887	5/20/2022	Azteca Landscape	\$ 14,250.00
6888	5/20/2022	Badger Meter, Inc.	\$ 64.80
6889	5/20/2022	McMaster-Carr Supply Company	\$ 821.21
6890	5/20/2022	Pool & Electrical Products, Inc.	\$ 624.60
6891	5/20/2022	Southern Calif Gas Company	\$ 138.45
6892	5/20/2022	Southern California Edison Company	\$ 84,080.91
6893	5/20/2022	Verizon Wireless	\$ 956.47
6894	5/20/2022	Western Water Works	\$ 4,800.80
6895	5/20/2022	Paso Robles Tank, Inc.	\$ 115,667.37
6896	5/20/2022	InfoSend, Inc.	\$ 14,809.97
6897	5/20/2022	Ferguson Waterworks - Santa Ana	\$ 14,085.28
6898	5/20/2022	EcoTech Services, Inc.	\$ 25,350.00
6899	5/20/2022	Stotz Machinery	\$ 457.79
6900	5/20/2022	HQ Enterprises Inc.	\$ 80.94
6901	5/20/2022	Star Brite Building Maintenance, Inc.	\$ 2,069.28
6902	5/20/2022	HASA, Inc.	\$ 2,069.05
6903	5/20/2022	Bay Alarm Company	\$ 745.00
6904	5/20/2022	GNA - Brook Fire Protection, Inc.	\$ 107.00
6905	5/20/2022	Autonovation Mobile Auto Repair	\$ 175.00
6906	5/20/2022	Right of Way, Inc.	\$ 533.48
6907	5/20/2022	Thermal Concepts, Inc.	\$ 338.30
6908	5/20/2022	Central Communications	\$ 670.51
6909	5/20/2022	West Yost & Associates, Inc.	\$ 1,007.48
6910	5/20/2022	Source North America Corporation	\$ 12,973.73
6911	5/20/2022	SEAM Group LLC	\$ 12,425.00
6913	5/26/2022	Cogsdale Corporation	\$ 52,457.58
6914	5/26/2022	IDEXX Laboratories Inc.	\$ 6,339.00
6915	5/26/2022	Maintenance Shack, Inc.	\$ 75.98
6916	5/26/2022	Pool & Electrical Products, Inc.	\$ 624.60
6917	5/26/2022	Quinn Company	\$ 6,503.60
6918	5/26/2022	Tucker Tire Company, Inc.	\$ 1,081.22
6919	5/26/2022	Vulcan Materials Company	\$ 3,717.62
6920	5/26/2022	Cintas Corporation #150	\$ 290.29
6921	5/26/2022	Fuel Pros, Inc.	\$ 525.00
6922	5/26/2022	Applied Technology Group, Inc.	\$ 6,941.19
6923	5/26/2022	Ferguson Waterworks - Santa Ana	\$ 33,230.48

Walnut Valley Water District  
Check Register For the Month of May 2022

CHECK NUMBER	DATE	PAYEE	AMOUNT
6924	5/26/2022	Sheakley Pension Administration, Inc.	\$ 144.30
6925	5/26/2022	Cintas First Aid & Safety LOC#168	\$ 216.81
6926	5/26/2022	State Water Resources Ctrl Bd - Cert Rnw	\$ 80.00
6927	5/26/2022	Tri County Pump Company	\$ 23,316.51
6928	5/26/2022	Velosa, Donna	\$ 92.57
6929	5/26/2022	Managed Mobile, Inc.	\$ 1,257.73
6930	5/26/2022	Walnut Valley Rotary Foundation	\$ 100.00
6931	5/26/2022	A & J Tree Care, Inc.	\$ 14,200.00
6932	5/26/2022	Spadra Basin Groundwater Sustainability Agency	\$ 147.50
6933	5/26/2022	ALS Group USA, Corp.	\$ 1,350.00
6934	5/26/2022	Healthequity, Inc.	\$ 11.80
6935	5/26/2022	GNA - Brook Fire Protection, Inc.	\$ 1,661.24
6936	5/26/2022	Public Water Agencies Group	\$ 1,927.42
6937	5/26/2022	Thermal Concepts, Inc.	\$ 492.38
6938	5/26/2022	David Wilson's Villa Ford	\$ 137,056.96
6939	5/26/2022	Southern California News Group	\$ 292.49
6940	5/26/2022	Day & Nite Publishing	\$ 43.80
6941	5/26/2022	Fluoresco Services, LLC	\$ 328.93
6942	5/26/2022	Power Ad Company	\$ 3,400.00
6943	5/26/2022	Leehome Realty Corporation	\$ 8,439.50
6944	5/26/2022	Valley Vista Services, Inc.	\$ 898.45
EFT000000000608	5/9/2022	Doty Bros Equipment Co, Inc.	\$ 23,578.47
EFT000000000609	5/9/2022	Puente Basin Water Agency	\$ 1,553,534.17
EFT000000000610	5/9/2022	Pomona-Walnut-Rowland JWL Commission	\$ 646,576.20
EFT000000000611	5/18/2022	Doty Bros Equipment Co, Inc.	\$ 23,427.48
EFT000000000612	5/18/2022	Puente Basin Water Agency	\$ 8,963.78
EFT000000000613	5/18/2022	Reliance Standard Life Insurance Co.	\$ 6,991.89
EFT000000000614	5/18/2022	U.S. Bank National Association	\$ 138,701.95
EFT000000000615	5/23/2022	Doty Bros Equipment Co, Inc.	\$ 16,309.37
EFT000000000616	5/23/2022	SpryPoint Services, Inc.	\$ 1,050.00
EFT000000000617	5/27/2022	Puente Basin Water Agency	\$ 3,251.22
XFR000006927	5/5/2022	PAYROLL	\$ 242,978.42
XFR000006928	5/9/2022	CREDIT CARDS	\$ 3,574.89
XFR000006938	5/20/2022	PAYROLL	\$ 253,738.28
XFR000006940	5/26/2022	WATER REFUND	\$ 13,739.15
		TOTAL	\$ 3,990,813.89

Reviewed by:  Director of Finance

6/16/2022  
Date

Reviewed by:  Assistant General Manager

6-16-22  
Date

**Walnut Valley Water District**  
**Monthly Employee Expense Reimbursements**  
**Exceeding the Amount of \$100.00**  
**For the Month of May 31, 2022**



Date	Check Number	Employee Name	Description	Amount
		No Reportable Employee Expense Reimbursements		

In accordance with California Government Code Section 53065.5, the District shall, at least annually, disclose all reimbursements paid to any employee for an individual charge that is at least one hundred dollars (\$100).

# WVWD – Staff Report



**TO:** Board of Directors  
**FROM:** General Manager  
**SUBMITTED BY:** Director of External Affairs & Sr. Outreach & Design Specialist  
**DATE:** June 20, 2022  
**SUBJECT:** Community Outreach Update

---

Action/Discussion     Fiscal Impact     Resolution     Information Only

---

## **RECOMMENDATION**

For information only.

## **BACKGROUND INFORMATION:**

### **Conservation and Education Outreach Update**

1. June Bill Insert  
District customers received the insert noted below (front/back) with their monthly bill statement.

Insert FRONT

# 2021 WATER QUALITY CONSUMER CONFIDENCE REPORT



This notice contains instructions for you to obtain important information about your drinking water.



The Annual Water Quality Report also known as the Consumer Confidence Report (CCR) covers all testing performed between January 1 and December 31, 2021. WVWD is proud to report that your drinking water is safe and meets all state and federal standards. The safety and quality of your drinking water is our highest priority.

To view your 2021 Consumer Confidence Report and to learn more about your drinking water, please visit [www.wvwd.com/annual-water-quality-report](http://www.wvwd.com/annual-water-quality-report) (available by July 1, 2022).

*If you would like a paper copy of the 2021 CCR mailed to your address or would like to speak to a water quality specialist about the report, please call (909) 595-7554 or email [cservice@wvwd.com](mailto:cservice@wvwd.com).*

Insert BACK

## Residential High-Efficiency Product Rebates For You

Walnut Valley Water District has partnered with the Metropolitan Water District of Southern California to offer rebates available to customers throughout our service area. Installation of high-efficiency products not only sustain a water efficient lifestyle – they help to fight water waste!



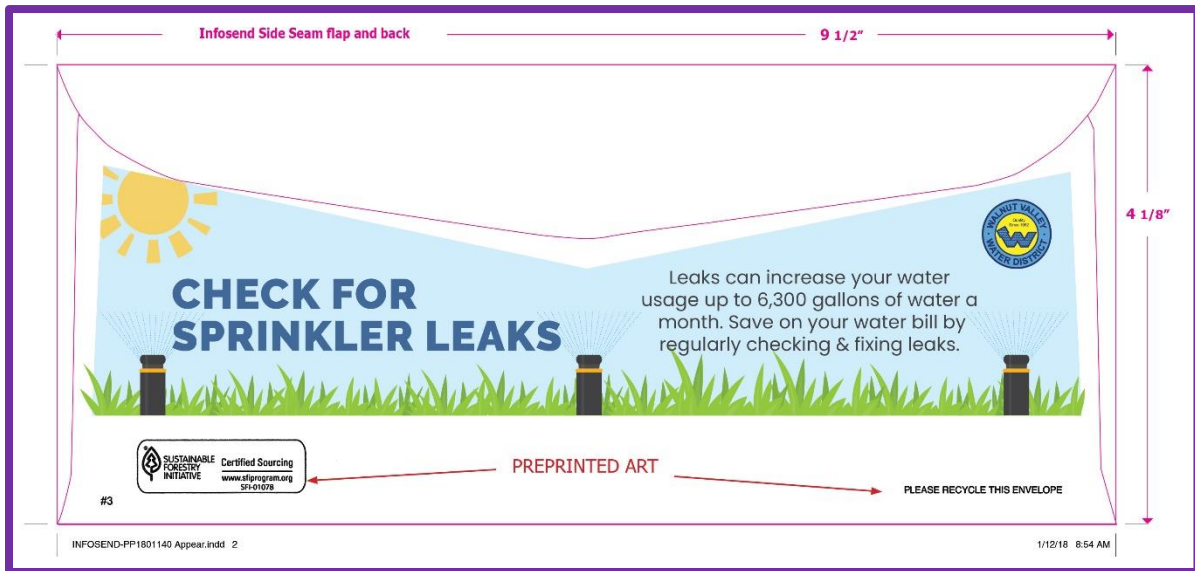
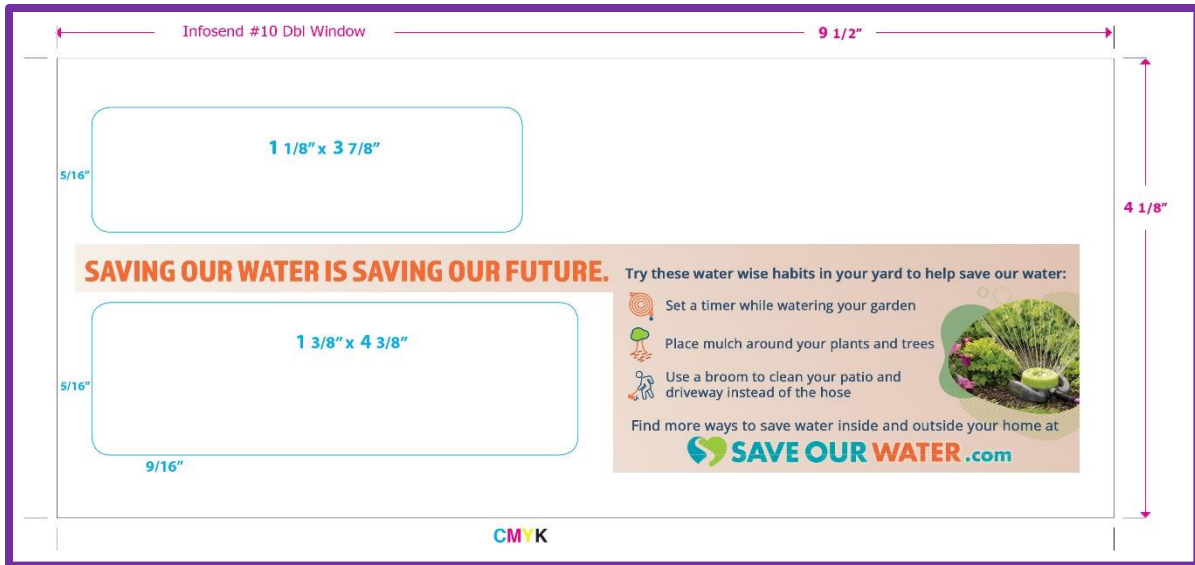
Visit [www.socalwatersmart.com](http://www.socalwatersmart.com) to complete your Residential Rebate Application and to learn more.





2. June Bill Snipe

District customers received the bill snipe design noted below (front/back) with their monthly bill statement.



3. Facebook, Twitter, Instagram, and YouTube

The District regularly posts updates and promotions of external affairs activities, conservation tips, and education materials on Facebook, Twitter, Instagram, and YouTube.

During the month of May, the District shared the following:

- Water Awareness Month
- Hiring Post: Administrative Assistant I/II
- Weed & Pest Management Webinar
- 2021 Water Quality Consumer Confidence Report
- Poster & Media Contest Winners – Reel
- Community Appreciation Luncheon – IG Stories
- Poster & Media Contest Awards Ceremony – IG Stories
- Public Safety & Essential Workers Appreciation Luncheon – IG Stores
- And more



## External Affairs Activities

1. Community Appreciation Luncheon  
The District hosted the Community Appreciation Luncheon in celebration of Water Awareness Month on Tuesday, May 24<sup>th</sup> at the District. Customers who participated in water savings programs, Tap n' Go, Wolf Corp Robotics, and select community organizations were invited to this event. The District provided a catered lunch of L & L Hawaiian BBQ.
2. Poster & Media Contest Awards Ceremony  
The District hosted the Poster & Media Contest Awards Ceremony on Wednesday, May 25<sup>th</sup> at the District. Winning students, their families, their teachers, principals, school district board members, and superintendents attended the event. In addition, VoITech Robotics showcased their robot demo and the District provided a catered treat by Ridges Churro Truck.
3. Public Safety and Essential Workers Appreciation Luncheon  
The District hosted a Public Safety and Essential Workers Appreciation Luncheon on Thursday, May 26<sup>th</sup> at the District. The event invite was extended to local sheriff's stations, fire department stations, city/state elected officials and their staff.
4. Weed & Pest Management Webinar  
In partnership with the San Gabriel Mosquito & Vector Control District, the District will be offering a new online class, Weed & Pest Management. The online class will take place on Wednesday, July 20<sup>th</sup> at 6:00 PM via Zoom. Information on how to manage unwelcome weeds and pests organically will be provided. Customers can register at: <https://www.greengardensgroup.com/q3-events/weed-pest-management-walnut-valley/> .
5. Free Virtual Indoor and Outdoor Water Survey Program  
The District has launched a Free Virtual Indoor and Outdoor Water Survey Program for residential customers. The survey includes:
  - **Water Meter Check**
  - **Indoor Survey:** A leak detection survey of toilets, showers, sinks, washing machines, reverse osmosis, water softeners, water heaters, and dishwashers
  - **Outdoor Survey:** A review of active irrigation programs and recommendations to enhance efficiency (start times, station run times, and days per week).
  - **Personalized Report:** Identification of areas of concern and recommendations to increase water savings which may result in lower monthly billsCustomers can schedule a survey by calling 1-888-987-9473 or emailing [info@waterwise-consulting.com](mailto:info@waterwise-consulting.com). The program will conclude on June 30, 2022.
6. WVWD Feature in AWWA CA-NV SOURCE Magazine  
The District's Young Professionals Development Program will be featured in SOURCE magazine's Spring 2022 issue. This is a publication distributed by the American Water Works Association California-Nevada chapter. A copy of the magazine will be available electronically [here](#). This is an internal District professional development program offered to over 20 employees that fall within the young professional (YP) definition.

## Upcoming Community Events

1. Walnut Valley Rotary Club Car & Truck Show  
The District will be participating in Walnut Valley Rotary Club's Car & Truck Show on Saturday, June 11<sup>th</sup> from 9:00 AM – 1:00 PM at Diamond Bar High School. A conservation booth will be set up at the event to hand out giveaways and drought-related information. In addition, the District will be bringing the pick-up truck for the show.

2. City of Diamond Bar Concerts in the Park  
The District will be participating in the City of Diamond Bar's Concerts in the Park on Wednesday, July 20<sup>th</sup> from 6:30 PM – 8:00 PM at Summitridge Park. A conservation booth will be set up at the event to hand out giveaways and drought-related information.
3. Virtual Landscape Workshops  
In partnership with the Metropolitan Water District of Southern California (MWD), the District will be offering virtual landscape workshops to District customers in English and Mandarin. Classes offered include:
  - CA Friendly & Native Plant Landscaping
  - Turf Removal
  - Garden Design
  - Sustainable Landscape Design
  - Drip Irrigation: Maintenance & Troubleshooting
  - Deciphering Your Irrigation Controller
  - Rainwater Harvesting
  - Composting for A Healthy Garden
  - Irrigation & Water Use Efficiency
  - Easy Steps to Lawn ConversionDistrict customers can visit [www.wvwd.com/events/](http://www.wvwd.com/events/) to view class dates and to register.

### **Local Sponsorships (New & Ongoing)**

1. Rowland Height's Buckboard Day's Parade Sponsorship  
The District is sponsoring Rowland Height's Buckboard Day's Parade. The sponsorship includes a parade banner, a full-page ad in the program, recognition of the District in their press release and other communications, a light post banner, as well as a festival booth and parade entry. The parade and festival will be held on Saturday, October 15, 2022.
2. Diamond Bar High School Tap n' Go Sponsorship  
The District is sponsoring Diamond Bar High School's Tap n' Go project. Tap n' Go is a water savings effort developed by the Diamond Bar High School AP Environmental Science students who are passionate about sustainability and water conservation. Their goal is to upgrade the school's inefficient faucets that contribute to excessive water consumption and waste. The District provided sponsorship to cover the costs of purchasing 4 touchless faucets and 4 mix valves for the school's staff restrooms as the first phase and has secured \$26,000 from Metropolitan MAAP funding for retrofits of all campus bathrooms.
3. Walnut Valley Rotary Club Virtual 5K Sponsorship  
The District sponsored Walnut Valley Rotary Club's 2<sup>nd</sup> Annual Virtual 5K Run at the Gold Level. The sponsorship included acknowledgment of the District on their event posters, website, social media, participant t-shirts, and event registration packet. The event was held on Saturday, May 14<sup>th</sup>.
4. Diamond Bar Evergreen Club Sponsorship  
The District is sponsoring the Diamond Bar Evergreen Club, which includes a full-page color ad that will run quarterly. The ad running from May-July contains information regarding our Mandarin landscape workshops and drought messaging.

# DIRECTOR EXPENSE FORM



**NAME: Kevin Hayakawa**

**DATE: May 2022**

No	Date	Title of Meeting / Description	Per Diem Request	Mileage (assumed as round trip unless noted)			
				From Location	To Location	Miles	Miles \$
1	5/2/2022	Spadra Basin GSA Meeting	<input type="checkbox"/>				\$ -
2	5/3/2022	Diamond Bar City Council Meeting	<input checked="" type="checkbox"/>				\$ -
3	5/5/2022	City of Walnut Mayor's Prayer Breakfast	<input type="checkbox"/>				\$ -
4	5/9/2022	Public Information Committee Meeting	<input checked="" type="checkbox"/>				\$ -
5	5/9/2022	Finance Committee Meeting	<input type="checkbox"/>				\$ -
6	5/10/2022	Engineering Committee Meeting	<input checked="" type="checkbox"/>				\$ -
7	5/10/2022	Personnel Committee Meeting	<input type="checkbox"/>				\$ -
8	5/11/2022	Walnut City Council Meeting	<input checked="" type="checkbox"/>				\$ -
9	5/16/2022	WVWD Regular Board Meeting	<input checked="" type="checkbox"/>				\$ -
10	5/18/2022	TVMWD Regular Board Meeting	<input checked="" type="checkbox"/>				\$ -
11	5/19/2022	WVWD Special Board Meeting	<input checked="" type="checkbox"/>				\$ -
12	5/24/2022	WVWD Community Appreciation Luncheon	<input type="checkbox"/>				\$ -
13	5/25/2022	WVWD Poster Contest Awards Ceremony	<input type="checkbox"/>				\$ -

Total Number of Miles: 0 X \$0.585     \$ -

Total Reimbursable Expenses     \$ -

Total Meeting Compensation 7 X \$150.00 per day     \$ 1,050.00

**TOTAL**     \$ 1,050.00

*I certify the above is correct and accurate to the best of my knowledge*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\* Mileage is reimbursed at IRS Standard Business Mileage Rate \$0.585

\*\*Directors are eligible for seven meeting days per month at \$150 per day.



# DIRECTOR EXPENSE FORM



**NAME: Edwin Hilden**

**DATE: May 2022**

No	Date	Title of Meeting / Description	Per Diem Request	Mileage (assumed as round trip unless noted)			
				From Location	To Location	Miles	Miles \$
1	5/3/2022	Diamond Bar City Council - Proclamation Presentation	<input checked="" type="checkbox"/>				\$ -
2	5/5/2022	Mayor's Prayer Breakfast	<input checked="" type="checkbox"/>				\$ -
3	5/9/2022	Public Info Committee Meeting	<input checked="" type="checkbox"/>				\$ -
4	5/9/2022	Finance Committee Meeting	<input type="checkbox"/>				\$ -
5	5/11/2022	Walnut City Council - Proclamation Presentation	<input checked="" type="checkbox"/>				\$ -
6	5/16/2022	WVWD Board Meeting	<input checked="" type="checkbox"/>				\$ -
7	5/17/2022	Diamond Bar City Council Meeting	<input type="checkbox"/>				\$ -
8	5/18/2022	TVMWD Board Meeting	<input checked="" type="checkbox"/>				\$ -
9	5/19/2022	Board Workshop	<input checked="" type="checkbox"/>				\$ -
10	5/24/2022	District Community Appreciation Luncheon	<input type="checkbox"/>				\$ -
11	5/25/2022	Poster & B Media Contest Awards Ceremony	<input type="checkbox"/>				\$ -
12	5/26/2022	Public Safety & Essential Workers Appreciation Luncheon	<input type="checkbox"/>				\$ -
13			<input type="checkbox"/>				\$ -

Total Number of Miles: 0 X \$0.585    \$ -

Total Reimbursable Expenses    \$ -

Total Meeting Compensation 7 X \$150.00 per day    \$ 1,050.00

**TOTAL**    \$ 1,050.00

*I certify the above is correct and accurate to the best of my knowledge*

Signature 

Date 5/29/22

\* Mileage is reimbursed at IRS Standard Business Mileage Rate \$0.585

\*\*Directors are eligible for seven meeting days per month at \$150 per day.

# DIRECTOR EXPENSE FORM



**NAME: Kwong**

**DATE: May 2022**

No	Date	Title of Meeting / Description	Per Diem Request	Mileage (assumed as round trip unless noted)			
				From Location	To Location	Miles	Miles \$
1	5/3/2022	DB City Council meeting-proclamation	<input type="checkbox"/>				\$ -
2	5/5/2022	Mayors' Prayer Breakfast	<input type="checkbox"/>				\$ -
3	5/9/2022	RCCSGV Government Affair Committee	<input checked="" type="checkbox"/>				\$ -
4	5/10/2022	Personnel Committee	<input checked="" type="checkbox"/>				\$ -
5	5/11/2022	Walnut City Council meeting-proclamation	<input type="checkbox"/>				\$ -
6	5/16/2022	Board meeting	<input checked="" type="checkbox"/>				\$ -
7	5/19/2022	Special Board meeting	<input checked="" type="checkbox"/>				\$ -
8	5/24/2022	Community Appreciation Luncheon	<input checked="" type="checkbox"/>				\$ -
9	5/25/2022	Poster Media Contest Awards Ceremony	<input checked="" type="checkbox"/>				\$ -
10	5/26/2022	Public Safety & Essential Workers BBQ	<input checked="" type="checkbox"/>				\$ -
11	5/31/2022	Congresswoman Young Kim's APA Heritage Month Honorees Reception	<input type="checkbox"/>				\$ -
12			<input type="checkbox"/>				\$ -
13			<input type="checkbox"/>				\$ -

Total Number of Miles: 0 X \$0.585     \$ -

Total Reimbursable Expenses     \$ -

Total Meeting Compensation 7 X \$150.00 per day     \$ 1,050.00

**TOTAL**     \$ 1,050.00

*I certify the above is correct and accurate to the best of my knowledge*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\* Mileage is reimbursed at IRS Standard Business Mileage Rate \$0.585

\*\*Directors are eligible for seven meeting days per month at \$150 per day.

# DIRECTOR EXPENSE FORM



**NAME: Theresa Lee**

**DATE: May 2022**

No	Date	Title of Meeting / Description	Per Diem Request	Mileage (assumed as round trip unless noted)			
				From Location	To Location	Miles	Miles \$
1	5/2/2022	Spadra Basin Public Hearing	<input checked="" type="checkbox"/>				\$ -
2	5/3/2022	Diamond Bar City Council Meeting - Water Proclamation	<input checked="" type="checkbox"/>				\$ -
3	5/5/2022	Mayor's Prayer Breakfast	<input checked="" type="checkbox"/>				\$ -
4	5/9/2022	Finance Committee Meeting	<input checked="" type="checkbox"/>				\$ -
5	5/10/2022	Engineering Committee Meeting	<input checked="" type="checkbox"/>				\$ -
6	5/11/2022	Walnut City Council Meeting - Water Proclamation	<input checked="" type="checkbox"/>				\$ -
7	5/16/2022	WVWD Board Meeting	<input checked="" type="checkbox"/>				\$ -
8	5/19/2022	WVWD Board Workshop	<input type="checkbox"/>				\$ -
9	5/24/2022	Community Appreciation Lunch	<input type="checkbox"/>				\$ -
10	5/25/2022	Poster/Media Contest Award Ceremony	<input type="checkbox"/>				\$ -
11	5/26/2022	Public Safety BBQ	<input type="checkbox"/>				\$ -
12			<input type="checkbox"/>				\$ -
13			<input type="checkbox"/>				\$ -

Total Number of Miles: 0 X \$0.585     \$ -

Total Reimbursable Expenses     \$ -

Total Meeting Compensation 7 X \$150.00 per day     \$ 1,050.00

**TOTAL**     \$ 1,050.00

*I certify the above is correct and accurate to the best of my knowledge*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\* Mileage is reimbursed at IRS Standard Business Mileage Rate \$0.585

\*\*Directors are eligible for seven meeting days per month at \$150 per day.



# DIRECTOR EXPENSE FORM



**NAME: Jerry C. Tang**

**DATE: May 2022**

No	Date	Title of Meeting / Description	Per Diem Request	Mileage (assumed as round trip unless noted)			
				From Location	To Location	Miles	Miles \$
1	5/2/2022	Spadra Basin Groundwater Sustainability Agency Executive Committee Meeting and Public Hearing	<input checked="" type="checkbox"/>				\$ -
2	5/3/2022	Water Awareness Month Proclamation at the City of Diamond Bar Council Meeting	<input checked="" type="checkbox"/>				\$ -
3	5/5/2022	City of Walnut and City of Diamond Bar Mayors Prayer's Breakfast	<input type="checkbox"/>				\$ -
4	5/9/2022	WVWD Public Information and Legislative Committee Meeting	<input checked="" type="checkbox"/>				\$ -
5	5/9/2022	WVWD Finance Committee Meeting	<input type="checkbox"/>				\$ -
6	5/10/2022	WVWD Engineering Committee Meeting	<input type="checkbox"/>				\$ -
7	5/10/2022	WVWD Personnel Committee Meeting	<input checked="" type="checkbox"/>				\$ -
8	5/11/2022	Water Awareness Month Proclamation at the City of Walnut Council Meeting	<input type="checkbox"/>				\$ -
9	5/16/2022	WVWD Board Meeting	<input checked="" type="checkbox"/>				\$ -
10	5/19/2022	WVWD Board Workshop	<input checked="" type="checkbox"/>				\$ -
11	5/24/2022	WVWD Community Appreciation Lunch	<input type="checkbox"/>				\$ -
12	5/25/2022	WVWD Poster Contest Award Ceremony	<input checked="" type="checkbox"/>				\$ -
13	5/26/2022	WVWD Public Safety and Essential Worker Lunch	<input type="checkbox"/>				\$ -

Total Number of Miles: 0 X \$0.585     \$ -

Total Reimbursable Expenses     \$ -

Total Meeting Compensation 7 X \$150.00 per day     \$ 1,050.00

**TOTAL**     \$ 1,050.00

I certify the above is correct and accurate to the best of my knowledge

\_\_\_\_\_  
*Jerry C. Tang*  
 Signature

\_\_\_\_\_  
 May 27, 2022  
 Date

\* Mileage is reimbursed at IRS Standard Business Mileage Rate \$0.585

\*\*Directors are eligible for seven meeting days per month at \$150 per day.

Monthly Board Expense Detail  
 Kevin Hayakawa  
 May 31, 2022

Payment Date/Charge Date	Type	Description	Conference/Meeting	Payment Type	Check Number	Payment	Reimbursed By Director	District Expense	GL Acct.
		No Activity							
<b>Total Districts Charges</b>								<b>0.00</b>	

Kevin Hayakawa

Date

Director of Finance

Date

Executive Secretary

Date

Assistant General Manager

Date

6/16/2022

06/14/2022

6/16/22

**Monthly Board Expense Detail**  
Edwin Hilden  
May 31, 2022

Payment Date/Charge Date	Type	Description	Conference/Meeting	Payment Type	Check Number	Payment	Reimbursed By Director	District Expense	GL Acct.	
		No Activity						-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
<b>Total Districts Charges</b>							-	-	<b>0.00</b>	

Edwin M. Hilden \_\_\_\_\_ Date \_\_\_\_\_

*Luise Gerry* \_\_\_\_\_ Date 06/14/2022  
Executive Secretary

*Ash Byler* \_\_\_\_\_ Date 6/16/2022  
Director of Finance

*[Signature]* \_\_\_\_\_ Date 6-16-22  
Assistant General Manager

**Monthly Board Expense Detail**  
 Theresa Lee  
 May 31, 2022

Payment Date/Charge Date	Type	Description	Conference/Meeting	Payment Type	Check Number	Payment	Reimbursed By Director	District Expense	GL Acct.	
		No Activity						-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
<b>Total Districts Charges</b>							-	-	0.03	

Theresa Lee \_\_\_\_\_ Date

 \_\_\_\_\_ Date 6/16/2022

Executive Secretary \_\_\_\_\_ Date

 \_\_\_\_\_ Date 6/16/22



**Monthly Board Expense Detail**  
 Scarlett Kwong  
 May 31, 2022

Payment Date/Charge Date	Type	Description	Conference/Meeting	Payment Type	Check Number	Payment	Reimbursed By Director	District Expense	GL Acct.
05/24/22	1	Conference Registration	San Gabriel Valley Tribune Reception	VISA		60.00		60.00	10-5520-5720
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
								-	
<b>Total Districts Charges</b>						<b>60.00</b>		<b>60.00</b>	

\_\_\_\_\_  
 Scarlett Kwong  
 Date \_\_\_\_\_

*Lucie Perry*  
 Executive Secretary  
 Date 06/16/2022

*Josh B. Jew*  
 Director of Finance  
 Date 6/16/2022

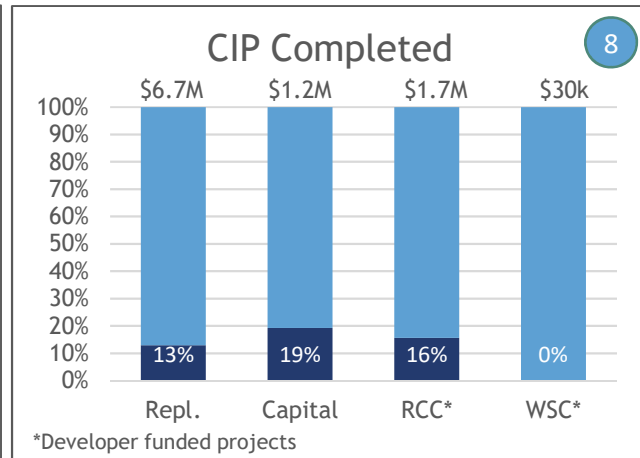
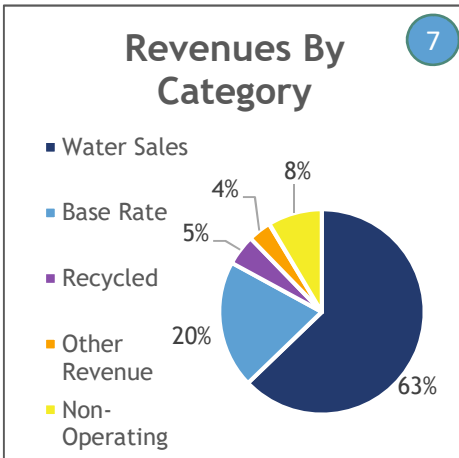
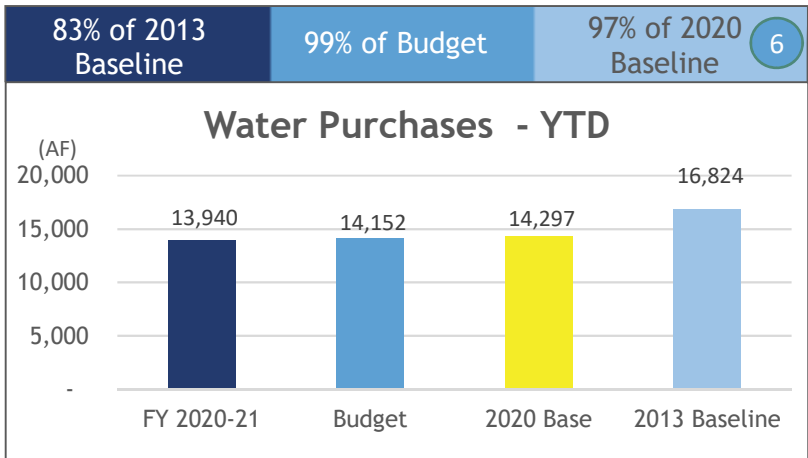
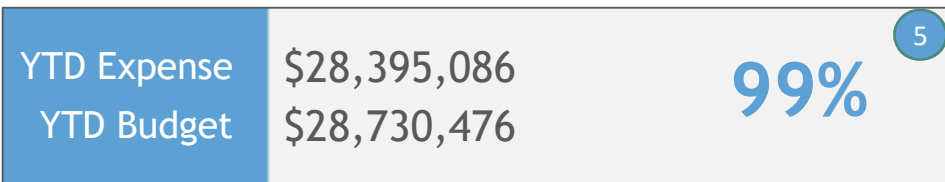
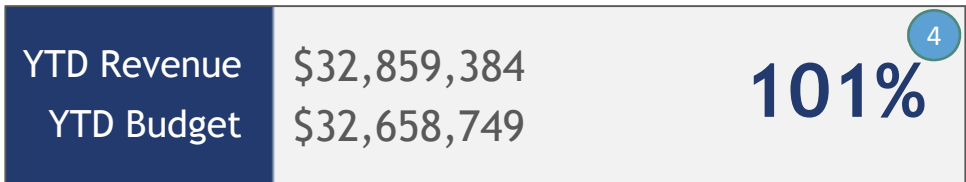
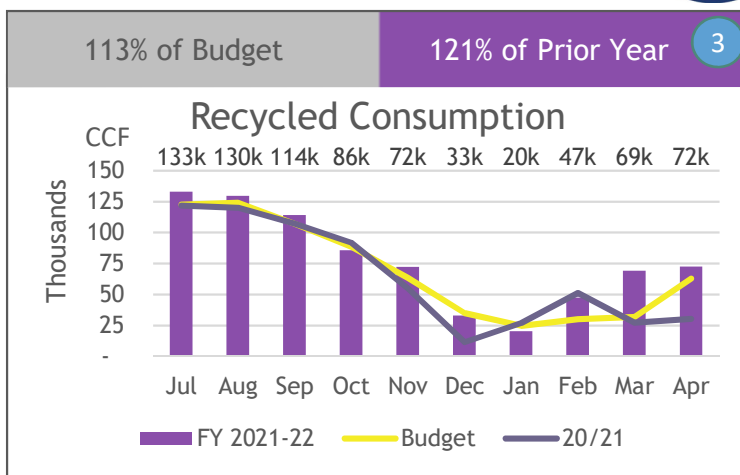
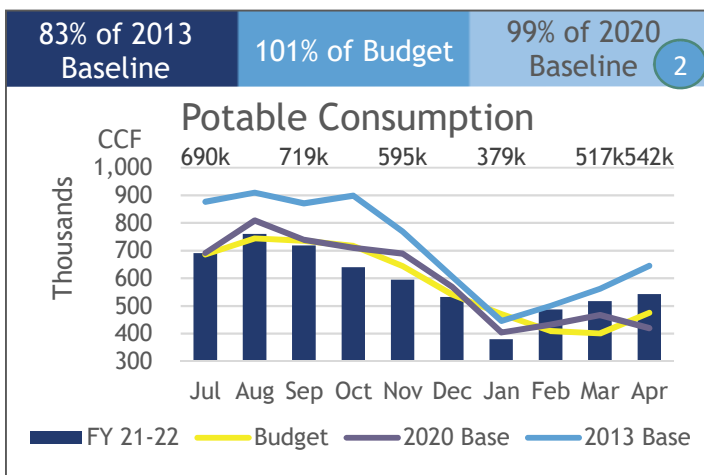
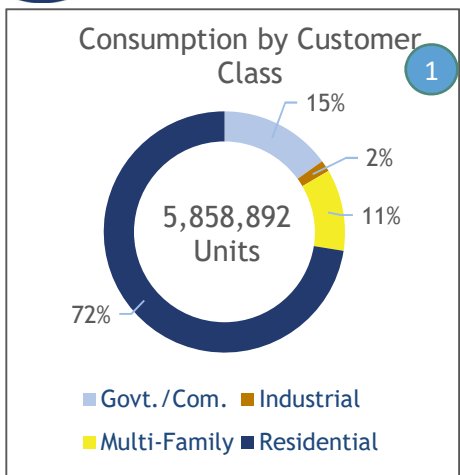
*[Signature]*  
 Assistant General Manager  
 Date 6-16-22



# Walnut Valley Water District Financial Dashboard



April 30, 2022



<p><b>1,012</b> ↑ Overdue Notice</p>	<p><b>98</b> ↑ Turn-Offs</p>	<p><b>5,850</b> ↑ E-Bills - Customers</p>	<p><b>765</b> ↓ Afford. Rate - Customers</p>	<p><b>1,279</b> ↓ Phone Calls - Monthly</p>
--	----------------------------------	---	--	---

\* Consumption revenue and expense data excludes wholesale water



Walnut Valley Water District  
Statement of Revenues, Expenses & Changes in Net Position  
Summary by Division  
For the Ten Months Ending Saturday, April 30, 2022

	April			YTD		
	Actual	Budget	% of Budget	Actual	Budget	Annual % of Budget
<b>Operating Revenues</b>						
Water Sales	\$3,123,813.13	\$2,656,260.00	117.60%	\$34,349,664.61	\$36,756,761.00	93.45%
Water Sales - Recycled	163,388.80	158,016.00	103.40%	1,732,779.33	2,083,217.00	83.18%
Hydroelectric Sales	988.73	3,333.00	29.66%	27,098.74	40,000.00	67.75%
Stand-by Charges	191,158.38	237,140.00	80.61%	676,580.34	825,000.00	82.01%
<b>Total Operating Revenues</b>	<b>3,479,349.04</b>	<b>3,054,749.00</b>	<b>113.90%</b>	<b>36,786,123.02</b>	<b>39,704,978.00</b>	<b>92.65%</b>
<b>Operating Expenses</b>						
Operations	615,074.09	452,756.00	135.85%	5,296,108.61	6,356,202.00	83.32%
Engineering	105,162.04	110,414.00	95.24%	1,176,002.59	1,462,560.00	80.41%
Finance	133,894.47	174,229.00	76.85%	1,665,423.57	2,267,618.00	73.44%
Board of Directors/GM Office	98,266.67	115,633.00	84.98%	928,146.08	1,554,796.00	59.70%
Administrative Services	215,107.18	211,533.00	101.69%	2,075,836.81	2,812,636.00	73.80%
General Administration	104,562.48	115,832.00	90.27%	1,018,936.40	1,258,250.00	80.98%
<b>Total Operating Expenses</b>	<b>1,272,066.93</b>	<b>1,180,397.00</b>	<b>107.77%</b>	<b>12,160,454.06</b>	<b>15,712,062.00</b>	<b>77.40%</b>
Purchased Water & Related	1,645,315.01	1,479,279.00	111.22%	20,161,370.22	20,700,922.00	97.39%
<b>Total Expenses</b>	<b>2,917,381.94</b>	<b>2,659,676.00</b>	<b>109.69%</b>	<b>32,321,824.28</b>	<b>36,412,984.00</b>	<b>88.76%</b>
<b>Income (Loss) From Operations</b>	<b>561,967.10</b>	<b>395,073.00</b>	<b>142.24%</b>	<b>4,464,298.74</b>	<b>3,291,994.00</b>	<b>135.61%</b>
Nonoperating Revenues/(Expenses)	549,689.41	354,005.00	155.28%	3,010,473.91	1,195,920.00	251.73%
<b>Income (Loss) Before Res. Rev &amp; Deprec.</b>	<b>1,111,656.51</b>	<b>749,078.00</b>	<b>148.40%</b>	<b>7,474,772.65</b>	<b>4,487,914.00</b>	<b>166.55%</b>
Restricted/Desig Rev & Other Exp.	35,083.37	0.00	0.00%	207,443.58	0.00	0.00%
<b>Income (Loss) Before Depreciation</b>	<b>1,146,739.88</b>	<b>749,078.00</b>	<b>153.09%</b>	<b>7,682,216.23</b>	<b>4,487,914.00</b>	<b>171.18%</b>
Depreciation & Amortization	456,298.94	0.00	0.00%	4,572,254.95	0.00	0.00%
<b>Income Before Capital Contributions</b>	<b>690,440.94</b>	<b>749,078.00</b>	<b>92.17%</b>	<b>3,109,961.28</b>	<b>4,487,914.00</b>	<b>69.30%</b>
Capital Contributions	177,962.35	0.00	0.00%	3,034,802.13	0.00	0.00%
<b>Net Increase (Decrease) in Net Position</b>	<b>868,403.29</b>	<b>749,078.00</b>	<b>115.93%</b>	<b>6,144,763.41</b>	<b>4,487,914.00</b>	<b>136.92%</b>



Walnut Valley Water District  
Statement of Net Position  
Saturday, April 30, 2022

**ASSETS**

**CURRENT ASSETS:**

Cash & Investments - Unrestricted	\$36,928,457.98	
Accounts Receivable:		
Water	4,276,410.22	
Taxes	55,910.91	
Accrued Interest	146,701.63	
Other	1,285,894.63	
Standby Charges	77,010.61	
Materials Inventory	877,293.19	
Prepaid Expenses	191,226.67	
TOTAL CURRENT ASSETS		43,838,905.84

**RESTRICTED ASSETS**

Cash & Investments - Restricted	10,869,557.65	
Interest Receivable	1,017.67	
Investment in Joint Venture	21,072,781.04	
TOTAL RESTRICTED ASSETS		31,943,356.36

**OTHER ASSETS**

**CAPITAL ASSETS**

Capital Assets	228,414,083.20	
Construction in Progress	7,395,737.10	
Less: Accumulated Depreciation	(124,439,259.99)	
NET CAPITAL ASSETS		111,370,560.31
TOTAL ASSETS		187,152,822.51

Walnut Valley Water District  
Statement of Net Position  
Saturday, April 30, 2022

**DEFERRED OUTFLOW OF RESOURCES**

Deferred Pension Contributions		1,623,306.00
Deferred Outflow - Actuarial		1,589,293.00
Deferred Outflow - OPEB		3,705,955.00
TOTAL DEFERRED OUTFLOW OF RESOURCES		<u>6,918,554.00</u>

**LIABILITIES & FUND EQUITY**

**CURRENT LIABILITIES**

Accounts Payable	(4,570,707.66)	
Other Current Liabilities	(378,580.59)	
TOTAL CURRENT LIABILITIES	<u></u>	(4,949,288.25)

**RESTRICTED LIABILITIES**

Accounts Payable	(17,942.12)	
Deposits	(2,124,442.71)	
Construction Advances	(4,157,889.81)	
TOTAL RESTRICTED LIABILITIES	<u></u>	(6,300,274.64)

**LONG TERM DEBT & RELATED**

Deferred Bond Premium	(15,380,000.00)	
Net Pension Liability	(15,420,693.00)	
Other Long-term Debt	(5,371,609.90)	
TOTAL LONG TERM DEBT & RELATED	<u></u>	(36,172,302.90)
TOTAL LIABILITIES		<u><u>(47,421,865.79)</u></u>

Walnut Valley Water District  
Statement of Net Position  
Saturday, April 30, 2022

**DEFERRED INFLOW OF RESOURCES**

Deferred Inflow of Resources - Actuarial		(656,849.00)
TOTAL DEFERRED INFLOW OF RESOURCES		<u>(656,849.00)</u>

**NET POSITION**

Invested in Capital Assets, Net of Related Debt	111,370,560.31	
Restricted	12,593,607.50	
Unrestricted	24,359,019.69	
TOTAL NET POSITION	<u>148,323,187.50</u>	
TOTAL NET POSITION		<u>148,323,187.50</u>

Walnut Valley Water District  
Summary of Cash and Investments  
4/30/2022

**CASH & CASH EQUIVALENTS**

Cash on Hand	\$3,100.00	
<u>Cash in Bank</u>		
East West Bank - General	\$4,387,505.49	
East West Bank - Payroll	300,000.00	
East West Bank - Water Refund	21,260.85	
East West Bank - Revolving	27,886.97	
East West Bank - Credit Card	1,515,206.95	
East West Bank - Badillo Grand	300,652.25	
East West Bank - Payroll Reimbursement	45,083.75	
Total Cash in Bank	6,597,596.26	
<b>TOTAL CASH</b>		<b>\$6,600,696.26</b>

**INVESTMENTS**

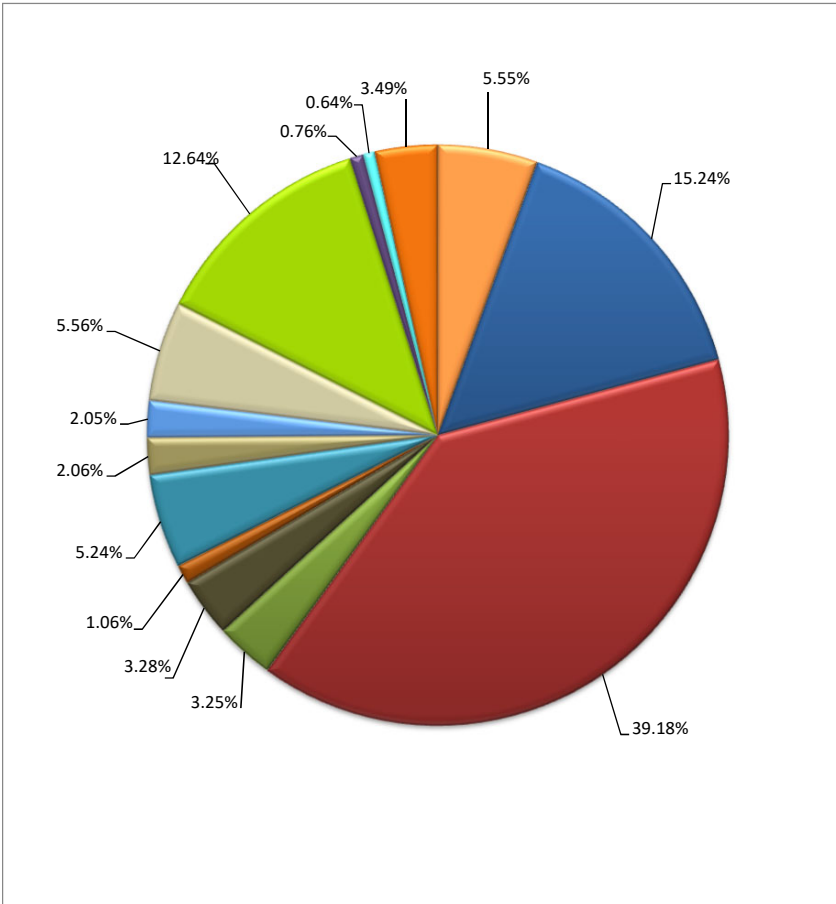
Certificates of Deposit	991,000.00	
Corporate Notes	9,300,000.00	
Supranational	1,600,000.00	
Local Agency Investment Fund (LAIF)	5,064,763.55	
BNY Mellon - Money Market (Sweep)	16,609.38	
US Agency	10,825,000.00	
US Treasury	12,690,000.00	
<b>TOTAL INVESTMENTS</b>	40,487,372.93	<b>40,487,372.93</b>
<b>TOTAL CASH &amp; INVESTMENTS</b>		<b>\$47,088,069.19</b>

I certify that this report accurately reflects all investments of the Walnut Valley Water District and that all investments are in full compliance with State law and District's Investment Policy.

  
 \_\_\_\_\_  
 Josh Byerrum

**Director of Finance**

# Walnut Valley Water District Summary of Cash and Investments by Reserve Fund April 30, 2022



ALLOCATION OF CASH AND INVESTMENTS			
<b>Unrestricted</b>			
<b>Category 1</b>			
General Account	\$ 7,175,940.86	15.24%	
	<b>\$ 7,175,940.86</b>	<b>15.24%</b>	
<b>Designated</b>			
<b>Category 2</b>			
Operating Reserve	\$ 2,618,700.00	5.56%	
Replacement	\$ 18,445,532.47	39.18%	
Capital Improvement	\$ 1,528,212.05	3.25%	
Rate Stabilization	\$ 1,543,125.39	3.28%	
B/G Catastrophic Ins	\$ 500,000.00	1.06%	
Employee Liabilities	\$ 2,468,168.78	5.24%	
Stored Water	\$ 971,600.00	2.06%	
Project Reserve	\$ 967,231.99	2.05%	
	<b>\$ 29,042,570.68</b>	<b>61.68%</b>	

Restricted Reserves			
<b>Category 3</b>			
Customer/Developer Deposits	\$ 5,953,115.56	12.64%	
	<b>\$ 5,953,115.56</b>	<b>12.64%</b>	
<b>Category 4</b>			
ASC	\$ 359,227.02	0.76%	
Badillo/Grand-Maintenance	\$ 300,652.25	0.64%	
RCC	\$ 1,644,492.02	3.49%	
WSC	\$ 2,612,070.80	5.55%	
	<b>\$ 4,916,442.09</b>	<b>10.44%</b>	

**Total \$ 47,088,069.19 100.00%**

**Category 1** - These are funds that accumulate from day-to-day operations and represent the net equity in the District's General Fund. All interest earned is retained in the General Fund.

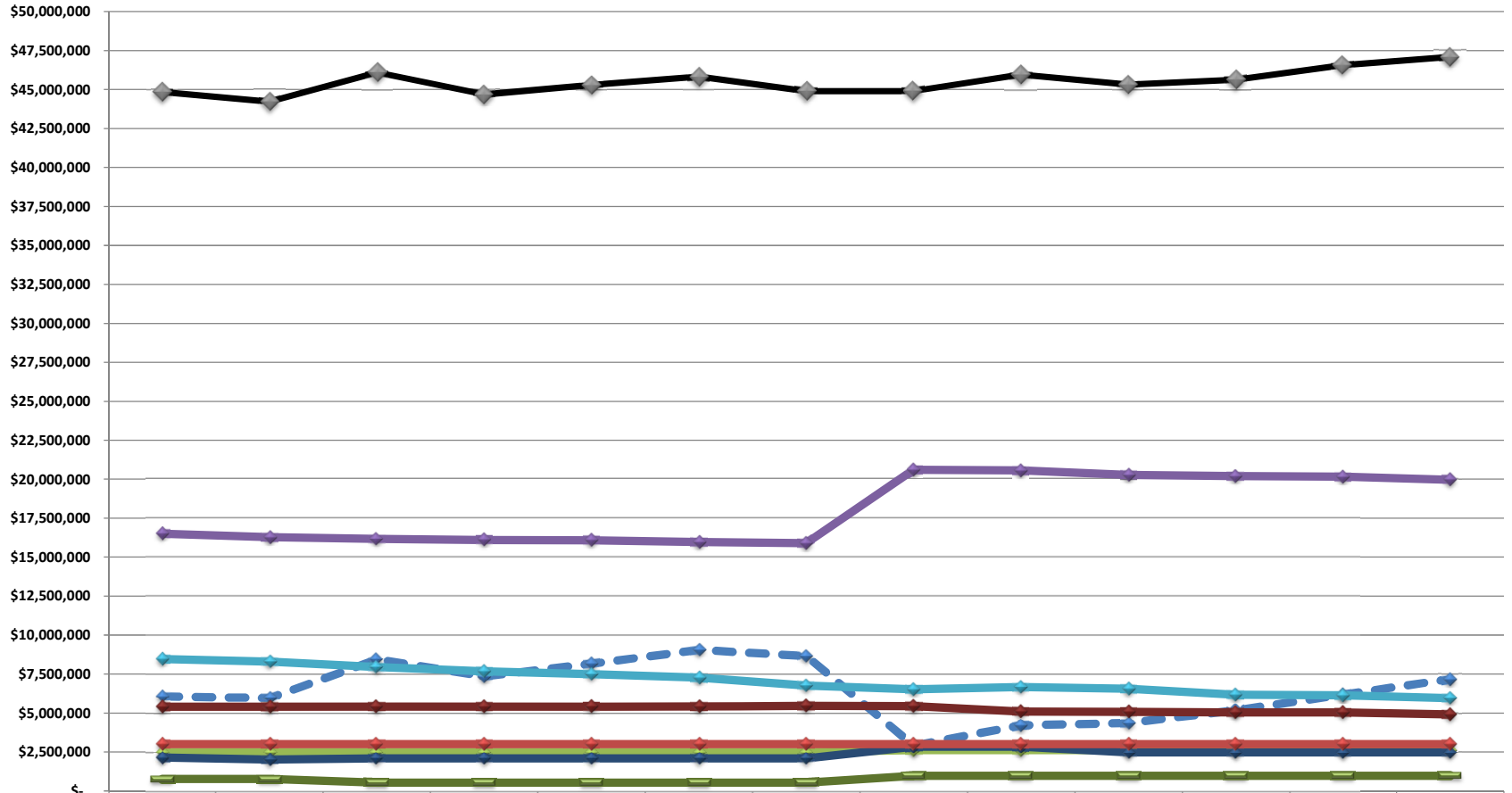
**Category 2** - These funds, although not legally or externally restricted, have been reserved pursuant to the Board's desire to provide a stable and equitable rate structure. All interest earned related to these funds is retained by each designated fund.

**Category 3** - These funds have legal or external restrictions. These Restricted Funds can only be used for the specific purposes established for the fund. All interest earned is retained in the General Fund.

**Category 4** - These funds have legal or external restrictions. All interest earned must be retained by each Restricted Fund and can only be used for the specific purposes established for the fund.

Note: Effective 6/30/12, the Badillo Grand Catastrophic Insurance Fund was reclassified from a Restricted Fund to a Designated Fund.  
 WWD Board Meeting of June 20, 2022 Page 53

**Walnut Valley Water District  
Cash Balances  
April 2021 - April 2022**



	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sept 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022
General Account	\$6,060,641	\$5,955,437	\$8,431,791	\$7,358,144	\$8,156,438	\$9,049,042	\$8,653,174	\$2,900,312	\$4,210,093	\$4,351,148	\$5,168,037	\$6,178,202	\$7,175,941
Operating Reserve	\$2,496,760	\$2,496,760	\$2,496,760	\$2,496,760	\$2,496,760	\$2,496,760	\$2,496,760	\$2,618,700	\$2,618,700	\$2,618,700	\$2,618,700	\$2,618,700	\$2,618,700
Capital/Replacement Reserve	\$16,501,199	\$16,276,067	\$16,168,467	\$16,107,257	\$16,082,306	\$15,964,505	\$15,904,634	\$20,607,687	\$20,560,764	\$20,269,208	\$20,196,557	\$20,161,545	\$19,973,745
Employee Liabilities Reserve	\$2,146,936	\$2,012,024	\$2,093,169	\$2,093,169	\$2,093,169	\$2,093,169	\$2,093,169	\$2,843,169	\$2,843,169	\$2,468,169	\$2,468,169	\$2,468,169	\$2,468,169
Stored Water Reserve	\$763,900	\$763,900	\$530,200	\$530,200	\$530,200	\$530,200	\$530,200	\$971,600	\$971,600	\$971,600	\$971,600	\$971,600	\$971,600
Other Designated Reserves	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357	\$3,010,357
Customer/Dev. Deposits	\$8,466,643	\$8,305,311	\$7,952,119	\$7,679,924	\$7,502,112	\$7,273,227	\$6,755,488	\$6,515,790	\$6,671,462	\$6,553,810	\$6,165,991	\$6,122,263	\$5,953,116
Developer & Other Restricted	\$5,397,870	\$5,403,917	\$5,414,322	\$5,416,402	\$5,428,986	\$5,409,073	\$5,454,406	\$5,433,968	\$5,080,040	\$5,075,562	\$5,034,486	\$5,040,243	\$4,916,442
Grand Total	\$44,844,307	\$44,223,773	\$46,097,185	\$44,692,214	\$45,300,327	\$45,826,333	\$44,898,187	\$44,901,583	\$45,966,185	\$45,318,554	\$45,633,897	\$46,571,079	\$47,088,069

# WVWD – Staff Report



**TO:** Board of Directors  
**FROM:** General Manager  
**SUBMITTED BY:** Director of Engineering  
**DATE:** June 20, 2022  
**SUBJECT:** Schedule Public Hearing for the Public Health Goals Report

---

Action/Discussion     Fiscal Impact     Resolution     Information Only

---

## Recommendation

Request the Board of Directors schedule a public hearing at the July 25, 2022, Board meeting to receive and respond to comments regarding the District's 2019 - 2021 Public Health Goals (PHG) report and, following the public hearing, consider receiving, approving, and filing the report.

## Background Information

Effective January 1, 1997, SB 1307 (Calderone-Sher) added new provisions to the California Health and Safety Code, which mandated that a PHG report be prepared by July 1, 1998, and every three years thereafter. The report is intended to provide information to the public in addition to the District's annual Consumer Confidence Report. The law also requires that a public hearing be held for the purpose of accepting and responding to public comment on the report.

The PHG report compares the District's drinking water quality with public health goals adopted by the California Environmental Protection Agency's Office of Environmental Health Hazard Assessment and with maximum contaminant level goals (MCLGs) adopted by the United States Environmental Protection Agency (USEPA). PHGs and MCLGs are not enforceable standards and no action to comply with them is mandated.

The District's PHG report for 2019 - 2021 has been prepared and completed prior to July 1, 2022. In accordance with the requirements of Health and Safety Code §116470, the Board is requested to schedule a public hearing at the July 25, 2022, Board meeting to receive and respond to public comment on the report.

## Attachments

*Public Health Goals Report*



# Walnut Valley Water District Public Health Goals Report 2019-2021

## Background

Provisions of the California Health and Safety Code, provided as Exhibit A, specify that public water systems serving more than 10,000 service connections prepare a brief, written report in plain language by July 1, 2022, if their water quality measurements have exceeded any Public Health Goals (PHGs). PHGs are non-enforceable goals established by the California Environmental Protection Agency's (Cal-EPA) Office of Environmental Health Hazard Assessment (OEHHA). The law also requires that where OEHHA has not adopted a PHG for a constituent, the water suppliers are to use the Maximum Contaminant Level Goals (MCLGs) adopted by the United States Environmental Protection Agency (USEPA). Only constituents that have a California primary drinking water standard and for which either a PHG or MCLG has been set are to be addressed. Exhibit B provides a list of all regulated constituents with the MCLs and PHGs or MCLGs.

The law specifies what information is to be provided in the report (See Exhibit A). If a constituent was detected in the District's water supply during the three-year period from calendar year 2019 through 2021 at a level exceeding an applicable PHG or MCLG, this report provides the information required by law. Included is the numerical public health risk associated with the MCL and the PHG or MCLG, the category or type of risk to health that could be associated with each constituent, the best available treatment technology that could be used to reduce the constituent level, and an estimate of the cost to install that treatment if it is appropriate and feasible.

## What are PHGs?

PHGs are set by OEHHA, which is part of Cal-EPA, and are based solely on public health risk considerations. None of the practical risk-management factors that are considered by the USEPA or the State Water Resources Control Board, Division of Drinking Water (DDW) in setting drinking water standards (MCLs) are considered in setting the PHGs. These factors include analytical detection capability, treatment technology availability, costs, and benefits. The PHGs are not enforceable and are not required to be met by any public water system. MCLGs are the federal equivalent to PHGs.



## Water Quality Data Considered

The District receives its water supply from the Metropolitan Water District of Southern California (MWD), Three Valleys Municipal Water District (TVMWD) Miramar Plant, and TVMWD Groundwater. All of the water quality data collected from the District's drinking water system between 2019 and 2021 for purposes of determining compliance with drinking water standards was considered. This data was all summarized in the District's 2019, 2020, and 2021 Annual Consumer Confidence Reports, which are all accessible on the District's website ([www.wvwd.com](http://www.wvwd.com)). Please see Exhibit C for the District's 2019, 2020, and 2021 Annual Consumer Confidence Reports.

## Guidelines Followed

The Association of California Water Agencies (ACWA) formed a workgroup that prepared guidelines for water utilities to use in preparing these required reports. The ACWA guidelines were used in the preparation of the District's report.

## Best Available Treatment Technology and Cost Estimates

Both the USEPA and DDW adopt what are known as Best Available Technologies or BATs, which are the best-known methods of reducing contaminant levels to the MCL. Costs can be estimated for such technologies. However, since many PHGs and all MCLGs are set much lower than the MCL, it is not always possible or feasible to determine what treatment is needed to further reduce a constituent downward to or near the PHG or MCLG.

Additionally, estimating the costs to reduce a constituent to zero is difficult, if not impossible, because it is not possible to verify by analytical means that the level has been lowered to zero. In some cases, installing treatment to try to further reduce very low levels of one constituent may have adverse effects on other aspects of water quality.

## Constituents Detected That Exceed a PHG or an MCLG

The following is a discussion of constituents that were detected in one or more of the District's drinking water sources at levels above the PHG, or if no PHG has been adopted, above the MCLG.

### Bromate

For Bromate, the PHG is 0.1 ppb and the MCL is 10 ppb. Bromate was detected in the District's MWD imported water supply in 2019, 2020, and 2021. In 2019, Bromate levels ranged from ND (Not Detected) to 8.1 ppb, in 2020 Bromate levels ranged from ND (Not Detected) to 4.2 ppb, and in 2021 Bromate levels ranged from ND (Not Detected) to 7 ppb. The levels detected were below the MCL at all times.

The category health risk for Bromate and the reason that a drinking water standard was adopted for it, is that some people who drink water containing Bromate above the MCL over many years are at a higher risk of developing cancer. The most common source of Bromate is as a byproduct of drinking water disinfection through ozonation. The numerical health risk for carcinogenicity at the 10 ppb MCL is  $1 \times 10^{-4}$  (one per 10,000) and  $1 \times 10^{-6}$  (one in one million) at the PHG of 0.1 ppb.

The BATs identified to lower Bromate levels to below the MCL are coagulation/filtration optimization, granular activated carbon, reverse osmosis, and ozonation. The estimated cost for these methods of treatment range from \$0.15 to \$3.89 per 1,000 gallons of treated water or an annual cost of \$0.87

million to \$22.6 million per year. The increased annual cost to the District's customers would range from \$32 to \$835 per service connection.

#### Gross Beta Particle Activity

Certain minerals are radioactive and may emit a form of radiation known as photons and beta radiation. Gross Beta Particle Activity was detected in the District's MWD imported water supply and TVMWD Miramar Plant supply. Gross Beta Particle Activity was detected in 2019, 2020, and 2021. In 2019, the amount of Gross Beta Particle Activity detected was 1.79 pCi/L in the TVMWD Miramar Plant supply. In 2020, the amount of Gross Beta Particle Activity ranged from ND (Not Detected) to 6 pCi/L from the MWD imported water supply. The amount detected in 2020 for TVMWD Miramar Plant supply was 2.49 pCi/L. In 2021 the amount of Gross Beta Particle Activity detected ranged from 4 pCi/L to 6 pCi/L from the MWD imported water supply and ranged from 3.35 pCi/L to 4.29 pCi/L for the TVMWD Miramar Plant supply. There is no PHG for Gross Beta Particle Activity as the OEHHA concluded in 2003 that a PHG for this constituent is not practical. The MCLG set by the USEPA is zero pCi/L and the MCL is 50 pCi/L. The levels detected in the water supplied to the District were below the MCL at all times, but over the MCLG set by the USEPA.

The DDW and USEPA, which set drinking water standards, have determined Gross Beta Particle Activity is a health concern at certain levels of exposure. This radiological constituent is a naturally occurring contaminant in some groundwater and surface water supplies. The category of health risk associated with Gross Beta Particle Activity and the reason a drinking water standard was adopted for it, is that some people who drink water containing beta and photon emitters in excess of the MCL over many years may have an increased risk of cancer. The numerical health risk for the MCLG is zero pCi/L. DDW and USEPA set the drinking water standard for Gross Beta Particle Activity at 50 pCi/L to reduce the risk of cancer or other adverse effects.

The BATs identified to treat Gross Beta Particle Activity are activated alumina, coagulation-filtration, ion exchange, and reverse osmosis. The most effective method to consistently remove Gross Beta Particle Activity to the MCLG is to utilize reverse osmosis treatment. The estimated cost for this method of treatment ranges from \$2.20 to \$8.04 per 1,000 gallons of treated water or an annual cost of \$13 million to \$47 million per year. The increased annual cost to the District's customers would range from \$472 to \$1,726 per service connection.

#### Radium

Radium was detected in 2021 in the District's TVMWD Miramar Plant and TVMWD Groundwater water supplies in the forms of Combined Radium and Radium 226. Combined Radium was detected at 0.148 pCi/L in the District's TVMWD Groundwater supply. Radium 226 was detected at 0.88 pCi/L in the District's TVMWD Miramar Plant supply and 0.147 pCi/L in the District's TVMWD Groundwater supply. The MCLG for Combined Radium is 0 pCi/L. The PHG for Radium 226 is 0.05 pCi/L. The levels detected in the District's surface water supplies were below the MCL at all times, but were over the MCLG/PHG established by DDW.

The DDW and USEPA, which set drinking water standards, have determined that Radium is a health concern at certain levels of exposure. This radiological constituent is a naturally occurring contaminant in some groundwater and surface water supplies. The category of health risk associated with Radium, and the reason that a drinking water standard was adopted for it, is that some people who drink water containing Radium in excess of the MCL over many years may have an increased risk of cancer. The

numerical health risk associated with both Combined Radium and Radium 226 at the MCL is  $1 \times 10^{-4}$  (one per ten thousand) and  $1 \times 10^{-6}$  (one in one million) at the PHG of 0.05 pCi/L. DDW established the MCL for radium at 5 pCi/L to reduce the risk of cancer or other adverse health effects.

The BATs identified to treat Radium is activated alumina, coagulation-filtration, ion exchange, and reverse osmosis. The most effective method to consistently remove Radium to the PHG is to utilize reverse osmosis treatment. The cost for removing Radium is the same cost as Gross Beta Particle Activity, listed above.

### Strontium-90

Strontium-90 is a result of the decay of natural and man-made deposits. In 2021, Strontium-90 was detected in the District's TVMWD Miramar Plant water supply. The amount of Strontium-90 detected in the District's water supply was 0.56 pCi/L. Strontium-90 has a PHG of 0.35 pCi/L and an MCL of 8 pCi/L. The levels detected in the District's surface water supplies were below the MCL at all times, but were over the PHG established by DDW.

The DDW and USEPA have determined that Strontium-90 is a health concern at certain levels of exposure. This radiological constituent is a naturally occurring contaminant in some groundwater and surface water supplies. The category of health risk associated with Strontium-90, and the reason that a drinking water standard was adopted for it, is that some people who drink water containing Strontium-90 in excess of the MCL over many years may have an increased risk of cancer. The numerical health risk associated with the 8 pCi/L MCL is  $2 \times 10^{-5}$  (two per hundred thousand) and the PHG of 0.35 pCi/L is  $1 \times 10^{-6}$  (one per million). DDW established the MCL for Strontium-90 at 8 pCi/L to reduce the risk of cancer or other adverse health effects.

The BATs identified to treat Strontium-90 are activated alumina, coagulation-filtration, ion exchange, and reverse osmosis. The most effective method to consistently remove Strontium-90 to the PHG is to utilize reverse osmosis treatment. The cost for removing Strontium-90 is the same cost as Gross Beta Particle Activity, listed above.

### Uranium

Uranium was detected in the water supplied to the District in 2019, 2020, and 2021. The PHG for Uranium is 0.43 pCi/L and the MCL is 20 pCi/L. In 2019 Uranium was detected in the TVMWD Groundwater water supplies at 2.4 pCi/L. In 2020 the amount of Uranium detected in the District's MWD imported water supply ranged from 1 pCi/L to 3 pCi/L and was detected in the TVMWD Groundwater water supplies at 2.4 pCi/L. In 2021, the amount of Uranium detected in the District's MWD imported water supply ranged from 1 pCi/L to 3 pCi/L and was detected in the TVMWD Groundwater water supplies at 2.2 pCi/L. The levels detected in the District's water supplies were below the MCL at all times, but were over the PHG established by DDW.

The DDW and USEPA, which set drinking water standards, have determined that Uranium is a health concern at certain levels of exposure. This radiological constituent is a naturally occurring contaminant in some groundwater and surface water supplies. The category of health risk associated with Uranium, and the reason that a drinking water standard was adopted for it, is that some people who drink water containing Uranium in excess of the MCL over many years may have an increased risk of cancer. The numerical health risk associated with the 20 pCi/L MCL is  $5 \times 10^{-5}$  (five per hundred thousand) and the

PHG of 0.43 pCi/L is  $1 \times 10^{-6}$  (one in one million). DDW established the MCL for Uranium at 20 pCi/L to reduce the risk of cancer or other adverse health effects.

The BATs identified to treat Uranium are activated alumina, coagulation-filtration, ion exchange, and reverse osmosis. The most effective method to consistently remove Uranium to the PHG is to utilize reverse osmosis treatment. The cost for removing Uranium is the same cost as Gross Beta Particle Activity, listed above.

## Recommendations for Further Action

The District's drinking water quality meets all DDW and USEPA drinking water standards set to protect public health. To further reduce the levels of the constituents identified in this report would require additional costly treatment processes for constituents that are already significantly below the health-based MCLs established to provide "safe drinking water." The effectiveness of the treatment processes to provide any significant reduction in constituent levels at these already low values is uncertain. The health protection benefits of these further hypothetical reductions are not at all clear and may not be quantifiable. Therefore, no action is proposed.

# Exhibit A

## California Health and Safety Code

## EXHIBIT A

### Health and Safety Code §116470 (b)

On or before July 1, 1998, and every three years thereafter, public water systems serving more than 10,000 service connections that detect one or more contaminants in drinking water that exceed the applicable public health goal, shall prepare a brief written report in plain language that does all of the following:

(1) Identifies each contaminant detected in drinking water that exceeds the applicable public health goal.

(2) Discloses the numerical public health risk, determined by the office, associated with the maximum contaminant level for each contaminant identified in paragraph (1) and the numerical public health risk determined by the office associated with the public health goal for that contaminant.

(3) Identifies the category of risk to public health, including, but not limited to, carcinogenic, mutagenic, teratogenic, and acute toxicity, associated with exposure to the contaminant in drinking water, and includes a brief plainly worded description of these terms.

(4) Describes the best available technology, if any is then available on a commercial basis, to remove the contaminant or reduce the concentration of the contaminant. The public water system may, solely at its own discretion, briefly describe actions that have been taken on its own, or by other entities, to prevent the introduction of the contaminant into drinking water supplies.

(5) Estimates the aggregate cost and the cost per customer of utilizing the technology described in paragraph (4), if any, to reduce the concentration of that contaminant in drinking water to a level at or below the public health goal.

(6) Briefly describes what action, if any, the local water purveyor intends to take to reduce the concentration of the contaminant in public drinking water supplies and the basis for that decision.

(c) Public water systems required to prepare a report pursuant to subdivision (b) shall hold a public hearing for the purpose of accepting and responding to public comment on the report. Public water systems may hold the public hearing as part of any regularly scheduled meeting.

(d) The department shall not require a public water system to take any action to reduce or eliminate any exceedance of a public health goal.

(e) Enforcement of this section does not require the department to amend a public water system's operating permit.

(f) Pending adoption of a public health goal by the Office of Environmental Health Hazard Assessment pursuant to subdivision (c) of Section 116365, and in lieu thereof, public water systems shall use the national maximum contaminant level goal adopted by the United States Environmental Protection Agency for the corresponding contaminant for purposes of complying with the notice and hearing requirements of this section.

(g) This section is intended to provide an alternative form for the federally required consumer confidence report as authorized by 42 U.S.C. Section 300g-3(c).

Exhibit B

Regulated Constituents



**EXHIBIT B**

2019 PHG Triennial Report: Calendar Years 2019-2020-2021

<b>MCLs, DLRs, and PHGs for Regulated Drinking Water Contaminants</b> (Units are in milligrams per liter (mg/L), unless otherwise noted.) Last Update: S e p t e m b e r 1 4 , 2 0 2 1				
This table includes: California's maximum contaminant levels (MCLs) Detection limits for purposes of reporting (DLRs) <a href="#">Public health goals (PHGs) from the Office of Environmental Health Hazard Assessment (OEHHA)</a>				
Also, the PHG for NDMA (which is not yet regulated) is included at the bottom of this table.				
Regulated Contaminant	MCL	DLR	PHG	Date of PHG
<i>Chemicals with MCLs in 22 CCR §64431—Inorganic Chemicals</i>				
Aluminum	1	0.05	0.6	2001
Antimony	0.006	0.006	0.001	2016
Arsenic	0.010	0.002	0.000004	2004
Asbestos (MFL = million fibers per liter; for fibers >10 microns long)	7 MFL	0.2 MFL	7 MFL	2003
Barium	1	0.1	2	2003
Beryllium	0.004	0.001	0.001	2003
Cadmium	0.005	0.001	0.00004	2006
Chromium, Total - OEHHA withdrew the 0.0025-mg/L PHG	0.05	0.01	withdrawn Nov. 2001	1999
Chromium, Hexavalent - 0.01-mg/L MCL & 0.001-mg/L DLR repealed September 2017	--	--	0.00002	2011
Cyanide	0.15	0.1	0.15	1997
Fluoride	2	0.1	1	1997
Mercury (inorganic)	0.002	0.001	0.0012	1999 (rev2005)*
Nickel	0.1	0.01	0.012	2001
Nitrate (as nitrogen, N)	10 as N	0.4	45 as NO3 (=10 as N)	2018
Nitrite (as N)	1 as N	0.4	1 as N	2018
Nitrate + Nitrite (as N)	10 as N	--	10 as N	2018
Perchlorate	0.006	0.004	0.001	2015
Selenium	0.05	0.005	0.03	2010
Thallium	0.002	0.001	0.0001	1999 (rev2004)
<i>Copper and Lead, 22 CCR §64672.3</i>				
<i>Values referred to as MCLs for lead and copper are not actually MCLs; instead, they are called "Action Levels" under the lead and copper rule</i>				
Copper	1.3	0.05	0.3	2008

**EXHIBIT B**

2019 PHG Triennial Report: Calendar Years 2019-2020-2021

Lead	0.015	0.005	0.0002	2009
<b>Radionuclides with MCLs in 22 CCR §64441 and §64443—Radioactivity</b>				
[units are picocuries per liter (pCi/L), unless otherwise stated; n/a = not applicable]				
Gross alpha particle activity - OEHHA concluded in 2003 that a PHG was not practical	15	3	none	n/a
Gross beta particle activity - OEHHA concluded in 2003 that a PHG was not practical	4 mrem/yr	4	none	n/a
Radium-226	--	1	0.05	2006
Radium-228	--	1	0.019	2006
Radium-226 + Radium-228	5	--	--	--
Strontium-90	8	2	0.35	2006
Tritium	20,000	1,000	400	2006
Uranium	20	1	0.43	2001
<b>Chemicals with MCLs in 22 CCR §64444—Organic Chemicals</b>				
<b>(a) Volatile Organic Chemicals (VOCs)</b>				
Benzene	0.001	0.0005	0.00015	2001
Carbon tetrachloride	0.0005	0.0005	0.0001	2000
1,2-Dichlorobenzene	0.6	0.0005	0.6	1997 (rev2009)
1,4-Dichlorobenzene (p-DCB)	0.005	0.0005	0.006	1997
1,1-Dichloroethane (1,1-DCA)	0.005	0.0005	0.003	2003
1,2-Dichloroethane (1,2-DCA)	0.0005	0.0005	0.0004	1999 (rev2005)
1,1-Dichloroethylene (1,1-DCE)	0.006	0.0005	0.01	1999
cis-1,2-Dichloroethylene	0.006	0.0005	0.013	2018
trans-1,2-Dichloroethylene	0.01	0.0005	0.05	2018
Dichloromethane (Methylene chloride)	0.005	0.0005	0.004	2000
1,2-Dichloropropane	0.005	0.0005	0.0005	1999
1,3-Dichloropropene	0.0005	0.0005	0.0002	1999 (rev2006)
Ethylbenzene	0.3	0.0005	0.3	1997
Methyl tertiary butyl ether (MTBE)	0.013	0.003	0.013	1999
Monochlorobenzene	0.07	0.0005	0.07	2014
Styrene	0.1	0.0005	0.0005	2010
1,1,2,2-Tetrachloroethane	0.001	0.0005	0.0001	2003
Tetrachloroethylene (PCE)	0.005	0.0005	0.00006	2001
Toluene	0.15	0.0005	0.15	1999
1,2,4-Trichlorobenzene	0.005	0.0005	0.005	1999
1,1,1-Trichloroethane (1,1,1-TCA)	0.2	0.0005	1	2006
1,1,2-Trichloroethane (1,1,2-TCA)	0.005	0.0005	0.0003	2006
Trichloroethylene (TCE)	0.005	0.0005	0.0017	2009
Trichlorofluoromethane (Freon 11)	0.15	0.005	1.3	2014

**EXHIBIT B**

2019 PHG Triennial Report: Calendar Years 2019-2020-2021

1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1.2	0.01	4	1997 (rev2011)
Vinyl chloride	0.0005	0.0005	0.00005	2000
Xylenes	1.75	0.0005	1.8	1997
<b>(b) Non-Volatile Synthetic Organic Chemicals (SOCs)</b>				
Alachlor	0.002	0.001	0.004	1997
Atrazine	0.001	0.0005	0.00015	1999
Bentazon	0.018	0.002	0.2	1999 (rev2009)
Benzo(a)pyrene	0.0002	0.0001	0.000007	2010
Carbofuran	0.018	0.005	0.0007	2016
Chlordane	0.0001	0.0001	0.00003	1997 (rev2006)
Dalapon	0.2	0.01	0.79	1997 (rev2009)
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0.00001	0.000003	2020
2,4-Dichlorophenoxyacetic acid (2,4-D)	0.07	0.01	0.02	2009
Di(2-ethylhexyl)adipate	0.4	0.005	0.2	2003
Di(2-ethylhexyl)phthalate (DEHP)	0.004	0.003	0.012	1997
Dinoseb	0.007	0.002	0.014	1997 (rev2010)
Diquat	0.02	0.004	0.006	2016
Endothal	0.1	0.045	0.094	2014
Endrin	0.002	0.0001	0.0003	2016
Ethylene dibromide (EDB)	0.00005	0.00002	0.00001	2003
Glyphosate	0.7	0.025	0.9	2007
Heptachlor	0.00001	0.00001	0.000008	1999
Heptachlor epoxide	0.00001	0.00001	0.000006	1999
Hexachlorobenzene	0.001	0.0005	0.00003	2003
Hexachlorocyclopentadiene	0.05	0.001	0.002	2014
Lindane	0.0002	0.0002	0.000032	1999 (rev2005)
Methoxychlor	0.03	0.01	0.00009	2010
Molinate	0.02	0.002	0.001	2008
Oxamyl	0.05	0.02	0.026	2009
Pentachlorophenol	0.001	0.0002	0.0003	2009
Picloram	0.5	0.001	0.166	2016
Polychlorinated biphenyls (PCBs)	0.0005	0.0005	0.00009	2007
Simazine	0.004	0.001	0.004	2001
Thiobencarb	0.07	0.001	0.042	2016
Toxaphene	0.003	0.001	0.00003	2003
1,2,3-Trichloropropane	0.000005	0.000005	0.0000007	2009
2,3,7,8-TCDD (dioxin)	3x10 <sup>-8</sup>	5x10 <sup>-9</sup>	5x10 <sup>-11</sup>	2010
2,4,5-TP (Silvex)	0.05	0.001	0.003	2014
<b>Chemicals with MCLs in 22 CCR §64533—Disinfection Byproducts</b>				
Total Trihalomethanes	0.080	--	--	--
Bromodichloromethane	--	0.0010	0.00006	2020

**EXHIBIT B**

2019 PHG Triennial Report: Calendar Years 2019-2020-2021

Bromoform	--	0.0010	0.0005	2020
Chloroform	--	0.0010	0.0004	2020
Dibromochloromethane	--	0.0010	0.0001	2020
Haloacetic Acids (five) (HAA5)	0.060	--	--	--
Monochloroacetic Acid	--	0.0020	--	--
Dichloroacetic Acid	--	0.0010	--	--
Trichloroacetic Acid	--	0.0010	--	--
Monobromoacetic Acid	--	0.0010	--	--
Dibromoacetic Acid	--	0.0010	--	--
Bromate	0.010	0.0050**	0.0001	2009
Chlorite	1.0	0.020	0.05	2009
<b><i>Chemicals with PHGs established in response to DDW requests. These are not currently regulated drinking water contaminants.</i></b>				
N-Nitrosodimethylamine (NDMA)	--	--	0.000003	2006
*OEHHA's review of this chemical during the year indicated (rev20XX) resulted in no change in the PHG.				
**The DLR for Bromate is 0.0010 mg/L for analysis performed using EPA Method 317.0 Revision 2.0, 321.8, or 326.0.				

# Exhibit C

## Consumer Confidence Reports

# ANNUAL WATER QUALITY REPORT

REPORTING YEAR 2019

此份有關你的食水報告，  
內有重要資料和訊息，請找  
他人為你翻譯及解釋清楚。

此份有关你的食水报告，  
内有重要资料和信息，请找  
他人为你翻译及解释清楚。



*Presented By*  
**Walnut Valley  
Water District**



## Our Mission Continues

We are pleased to present our annual water quality report. This report covers all testing performed between January 1 and December 31, 2019. We are dedicated to water quality and safety, ensuring that our drinking water meets all state and federal standards. We continually strive to adopt new methods for delivering the highest quality drinking water to your home and business. We remain vigilant in our goals of source water protection, water use efficiency, conservation, and community education - while meeting the water supply needs of the communities we serve.

Please remember that we are always available should you ever have any questions or concerns about your water. We can be reached at (909) 595-7554 or [cservice@wwwd.com](mailto:cservice@wwwd.com).

## Where Does My Water Come From?

Our District is dependent on surface water that is imported into Southern California by the Metropolitan Water District of Southern California (MWD). MWD imports and treats surface water transported through two major conveyance systems: the 242-mile-long Colorado River Aqueduct and the 444-mile-long State Water Project (SWP). Water transported via the Colorado River Aqueduct originates in the Colorado River basin states, and water transported by the State Water Project conveyance system originates in the Sacramento-San Joaquin Delta. MWD treats this water at their Weymouth Filtration plant in the City of La Verne. The water is then purchased by the District through our designated wholesale water agency, Three Valleys Municipal Water District (TVMWD). The District also receives water from the SWP that is treated by TVMWD at their Miramar Water Treatment Plant in the City of Claremont.

We remain vigilant in delivering the highest quality drinking water.

## Substances That Could Be in Water

The sources of drinking water for both tap water and bottled water, includes rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (U.S. EPA) and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration (FDA) regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence

of contaminants does not necessarily indicate that water poses a health risk.

Contaminants that may be present in source water include:

**Microbial Contaminants**—such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;

**Inorganic Contaminants**—such as salts and metals, that can be naturally occurring or can result from urban storm-water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;

**Pesticides and Herbicides**—that may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses;

**Organic Chemical Contaminants**—including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and which can also come from gas stations, urban storm-water runoff, agricultural applications, and septic systems;

**Radioactive Contaminants**—that can be naturally occurring or can be the result of oil and gas production and mining activities.

The presence of contaminants does not necessarily indicate that the drinking water poses a health risk.

## Important Health Information

Certain communities may be more vulnerable to contaminants in drinking water than the general population.

Immunocompromised persons such as persons with cancer who are undergoing chemotherapy, those with cancer, those who have undergone organ transplants, those with HIV/AIDS or other immune system disorders, some elderly, and infants may be particularly at risk from infections. Please seek advice from your healthcare provider for further information. Detailed information and guidelines from the EPA are available through the Safe Drinking Water Hotline at (800) 426-4791 and [www.epa.gov/home/epa-hotlines](http://www.epa.gov/home/epa-hotlines).



## How Long Can I Store Drinking Water?

The disinfectant in drinking water will eventually dissipate, even in a closed and secure container. It is important to store water in a clean container, bacteria housed in a container may continue to grow once the disinfectant has dissipated. Some experts believe that water can be stored for up to six months before needing to be replaced. Refrigeration helps slow the bacterial growth.

## Community Participation

The District's Board Meetings are typically scheduled, unless otherwise noticed, for 5 p.m. on the third Monday of each month, in the Board room of the District's headquarters located at 271 South Brea Canyon Road, Walnut. The Board Meetings are open to the public. Anyone who is interested in the operations and business of the District is encouraged to attend.

### CUSTOMER SERVICE DEPARTMENT

<b>Hours</b>	Monday through Thursday 7 a.m. to 5 p.m. Friday 7 a.m. to 4 p.m.
<b>Phone</b>	(909) 595-7554
<b>Website</b>	<a href="http://www.wvwd.com">www.wvwd.com</a>

## Water Conservation Tips

You can play a role in conserving water and saving money on your monthly water bill through efficient use of water in your household. Here are a few tips:

- Automatic dishwashers use 15 gallons for every cycle, regardless of how many dishes are loaded. So, get a run for your money and load it to capacity for each use.
- Turn off the tap when brushing your teeth.
- Check every faucet in your home for leaks. A slow drip can waste 15 to 20 gallons a day. Fix a leak and you can save almost 6,000 gallons per year.
- Check your toilets for leaks by putting a few drops of food coloring in the tank. Watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from an invisible toilet leak. Fix it and you can save more than 30,000 gallons a year.
- Use your water meter to detect hidden leaks. Simply turn off all taps and water-based appliances. Then check the meter after 15 minutes. If it moves, you have a leak.



## Count on Us

Delivering high-quality drinking water to our customers involves far more than just pushing water through pipes. Water treatment is a complex, time-consuming process. Because tap water is highly regulated by state and federal laws, water treatment plants and system operators must be licensed and are required to commit to long-term, on-the-job training before becoming fully qualified. Our licensed water professionals have an understanding of a wide range of subjects, including mathematics, biology, chemistry, and physics. Some of the tasks they complete on a regular basis include:

- Operating and maintaining equipment to purify and clarify water;
- Monitoring and inspecting machinery, meters, gauges, and operating conditions;
- Conducting tests and inspections on water and evaluating the results;
- Maintaining optimal water chemistry;
- Applying data to formulas that determine treatment requirements, flow levels, and concentration levels;
- Documenting and reporting test results and system operations to regulatory agencies; and
- Serving our community through customer support, education, and outreach.

So, the next time you turn on your faucet, think of the skilled professionals who stand behind each drop.

## QUESTIONS?

For more information about this report, or for any questions related to your drinking water, please call our Customer Service department at (909) 595-7554, or e-mail us at [cservice@wvwd.com](mailto:cservice@wvwd.com).



## Test Results

Our water is monitored for many different kinds of substances on a very strict sampling schedule, and the water we deliver must meet specific health standards. Here, we only show those substances that were detected in our water (a complete list of all our analytical results is available upon request). Remember that detecting a substance does not mean the water is unsafe to drink; our goal is to keep all detects below their respective maximum allowed levels.

The State recommends monitoring for certain substances less than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data are included, along with the year in which the sample was taken.

### REGULATED SUBSTANCES

				Walnut Valley Water District	The Metropolitan Water District of Southern California				
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	PHG (MCLG) [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Bromate (ppb)	2019	10	0.1	NA	NA	1.9	ND–8.1	No	By-product of drinking water ozonation
Chloramines (ppm)	2019	[4.0 (as Cl <sub>2</sub> )]	[4 (as Cl <sub>2</sub> )]	2.08	1.79–2.35	2.4	0.5–2.9	No	Drinking water disinfectant added for treatment
Combined Radium (pCi/L)	2019	5	(0)	NA	NA	ND	NA	No	Erosion of natural deposits
Fluoride (ppm)	2019	2.0	1	NA	NA	0.7	0.6–0.9	No	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Gross Beta Particle Activity <sup>1</sup> (pCi/L)	2019	50	(0)	NA	NA	ND	NA	No	Decay of natural and man-made deposits
Nitrate [as nitrogen] (ppm)	2019	10	10	NA	NA	0.5	NA	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Strontium-90 (pCi/L)	2019	8	0.35	NA	NA	ND	NA	No	Decay of natural and man-made deposits
Sum of Five Haloacetic Acids [HAA5] (ppb)	2019	60	NA	14.65	5.77–21.80	6.0	ND–9	No	By-product of drinking water chlorination
Toluene (ppb)	2019	150	150	NA	NA	0.6	NA	No	Discharge from petroleum and chemical factories; underground gas tank leaks
Tritium (pCi/L)	2019	20,000	400	NA	NA	ND	NA	No	Decay of natural and man-made deposits
Total Trihalomethanes [TTHMs] (ppb)	2019	80	NA	26.6	14–45.9	27	14–31	No	By-product of drinking water chlorination
Turbidity (NTU)	2019	TT	NA	0.2	NA	0.04	NA	No	Soil runoff
Uranium (pCi/L)	2019	20	0.43	NA	NA	ND	NA	No	Erosion of natural deposits

### Tap Water Samples Collected for Copper and Lead Analyses from Sample Sites throughout the Community

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AL	PHG (MCLG)	AMOUNT DETECTED (90TH %ILE)	SITES ABOVE AL/TOTAL SITES	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2018	1.3	0.3	0.099	0/30	No	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb)	2018	15	0.2	4	0/30	No	Internal corrosion of household water plumbing systems; discharge from industrial manufacturers; erosion of natural deposits

**REGULATED SUBSTANCES**

				Three Valleys Municipal Water District (Miramar Plant Effluent)		Three Valleys Municipal Water District (Groundwater)			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	PHG (MCLG) [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Bromate (ppb)	2019	10	0.1	NA	NA	NA	NA	No	By-product of drinking water ozonation
Chloramines (ppm)	2019	[4.0 (as Cl <sub>2</sub> )]	[4 (as Cl <sub>2</sub> )]	2.61	NA	NR	NA	No	Drinking water disinfectant added for treatment
Combined Radium (pCi/L)	2019	5	(0)	ND (2015)	NA	0.148 (2016)	NA	No	Erosion of natural deposits
Fluoride (ppm)	2019	2.0	1	ND	NA	0.5	0.41–0.59	No	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Gross Beta Particle Activity <sup>1</sup> (pCi/L)	2019	50	(0)	1.79	NA	NR	NA	No	Decay of natural and man-made deposits
Nitrate [as nitrogen] (ppm)	2019	10	10	ND	NA	2.56	1.6–3.5	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Strontium-90 (pCi/L)	2019	8	0.35	0.13	NA	NR	NA	No	Decay of natural and man-made deposits
Sum of Five Haloacetic Acids [HAA5] (ppb)	2019	60	NA	20.24	11.6–39	NR	NA	No	By-product of drinking water chlorination
Toluene (ppb)	2019	150	150	ND	NA	ND	NA	No	Discharge from petroleum and chemical factories; underground gas tank leaks
Tritium (pCi/L)	2019	20,000	400	377	NA	NR	NA	No	Decay of natural and man-made deposits
Total Trihalomethanes [TTHMs] (ppb)	2019	80	NA	49.47	39.1–69.2	NR	NA	No	By-product of drinking water chlorination
Turbidity (NTU)	2019	TT	NA	0.076	NA	0.20	NA	No	Soil runoff
Uranium (pCi/L)	2019	20	0.43	ND (2018)	NA	2.4 (2017)	NA	No	Erosion of natural deposits

**SECONDARY SUBSTANCES**

			Walnut Valley Water District		The Metropolitan Water District of Southern California				
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	SMCL	PHG (MCLG)	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Aluminum (ppb)	2019	200	600	NA	NA	122 RAA	ND–110	No	Erosion of natural deposits; residual from some surface water treatment processes
Chloride (ppm)	2019	500	NS	NA	NA	50	46–55	No	Runoff/leaching from natural deposits; seawater influence
Color (Units)	2019	15	NS	2	NA	ND	ND–1	No	Naturally occurring organic materials
Iron (ppb)	2019	300	NS	NA	NA	243	NA	No	Leaching from natural deposits; industrial wastes
Odor–Threshold (TON)	2019	3	NS	NA	NA	1	NA	No	Naturally occurring organic materials
Specific Conductance (µS/cm)	2019	1,600	NS	NA	NA	469	435–503	No	Substances that form ions when in water; seawater influence
Sulfate (ppm)	2019	500	NS	NA	NA	73	65–81	No	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	2019	1,000	NS	NA	NA	266	244–289	No	Runoff/leaching from natural deposits

**SECONDARY SUBSTANCES**

				Three Valleys Municipal Water District (Miramar Plant Effluent)		Three Valleys Municipal Water District (Groundwater)			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	SMCL	PHG (MCLG)	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Aluminum (ppb)	2019	200	600	ND	ND–100	ND	NA	No	Erosion of natural deposits; residual from some surface water treatment processes
Chloride (ppm)	2019	500	NS	74	NA	8.3	6.8–9.8	No	Runoff/leaching from natural deposits; seawater influence
Color (Units)	2019	15	NS	1	NA	ND	NA	No	Naturally occurring organic materials
Iron (ppb)	2019	300	NS	ND	NA	ND	NA	No	Leaching from natural deposits; industrial wastes
Odor–Threshold (TON)	2019	3	NS	1	NA	1	NA	No	Naturally occurring organic materials
Specific Conductance (µS/cm)	2019	1,600	NS	370	300–440	395	380–410	No	Substances that form ions when in water; seawater influence
Sulfate (ppm)	2019	500	NS	32	NA	28	25–31	No	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	2019	1,000	NS	250	NA	220	210–230	No	Runoff/leaching from natural deposits

**UNREGULATED AND OTHER SUBSTANCES <sup>2</sup>**

				Walnut Valley Water District		The Metropolitan Water District of Southern California			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	TYPICAL SOURCE			
Alkalinity (ppm)	2019	NA	NA	68	67–70	Runoff/leaching of natural deposits; carbonate, bicarbonate, hydroxide, and occasionally borate, silicate, and phosphate			
Boron (ppb)	2019	NA	NA	120	NA	Runoff/leaching from natural deposits; industrial wastes			
Calcium Carbonate Precipitation Potential [CCPP] [as CaCO <sub>3</sub> ] (ppm)	2019	NA	NA	2.6	1.1–7.3	Elemental balance in water; affected by temperature, other factors			
Calcium (ppm)	2019	NA	NA	25	23–27	Runoff/leaching from natural deposits			
Chlorate (ppb)	2019	NA	NA	42	NA	By-product of drinking water chlorination; industrial processes			
Corrosivity [as Aggressiveness Index]	2019	NA	NA	12.1	12.1–12.2	Elemental balance in water; affected by temperature, other factors			
Corrosivity [as Saturation Index]	2019	NA	NA	0.36	0.34–0.38	Elemental balance in water; affected by temperature, other factors			
Hardness, Total [as CaCO <sub>3</sub> ] (ppm)	2019	NA	NA	108	101–116	Runoff/leaching from natural deposits; sum of polyvalent cations, generally magnesium and calcium present in the water			
Foaming Agents–Methylene Blue Active Substances [MBAS] (ppb)	2019	NA	NA	ND	NA	Municipal and industrial waste discharge			
Magnesium (ppm)	2019	NA	NA	12	11–12	Runoff/leaching from natural deposits			
Perfluorohexanoic Acid [PFHxA] (ppt)	2019	NA	NA	2.6	2.5–2.6	Industrial chemical factory discharges; runoff/leaching from landfills; used in fire-retarding foams and various industrial processes			
pH (Units)	2019	NA	NA	8.5	NA	Naturally occurring			
Potassium (ppm)	2019	NA	NA	2.4	2.2–2.7	Salt present in the water; naturally occurring			
Sodium (ppm)	2019	NA	NA	50	46–54	Salt present in the water; naturally occurring			
Total Organic Carbon [TOC] (ppm)	2019	NA	NA	2.4	1.7–2.6	Various natural and man-made sources; TOC is a precursor for the formation of disinfection by-products			

## UNREGULATED AND OTHER SUBSTANCES<sup>2</sup>

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	Three Valleys Municipal Water District (Miramar Plant Effluent)		Three Valleys Municipal Water District (Groundwater)		TYPICAL SOURCE
		AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	
Alkalinity (ppm)	2019	68.5	60–77	155 (2018)	150–160	Runoff/leaching of natural deposits; carbonate, bicarbonate, hydroxide, and occasionally borate, silicate, and phosphate
Boron (ppb)	2019	140	120–160	150 (2018)	NA	Runoff/leaching from natural deposits; industrial wastes
Calcium Carbonate Precipitation Potential [CCPP] [as CaCO <sub>3</sub> ] (ppm)	2019	NR	NA	NR	NA	Elemental balance in water; affected by temperature, other factors
Calcium (ppm)	2019	17	15–19	51.5 (2018)	51–52	Runoff/leaching from natural deposits
Chlorate (ppb)	2019	ND	NA	NR	NA	By-product of drinking water chlorination; industrial processes
Corrosivity [as Aggressiveness Index]	2019	11.46	NA	NR	NA	Elemental balance in water; affected by temperature, other factors
Corrosivity [as Saturation Index]	2019	-0.33	NA	NR	NA	Elemental balance in water; affected by temperature, other factors
Hardness, Total [as CaCO <sub>3</sub> ] (ppm)	2019	95	NA	165 (2018)	160–170	Runoff/leaching from natural deposits; sum of polyvalent cations, generally magnesium and calcium present in the water
Foaming Agents–Methylene Blue Active Substances [MBAS] (ppb)	2019	0.11	NA	ND	NA	Municipal and industrial waste discharge
Magnesium (ppm)	2019	11	NA	8.05 (2018)	1.5–8.6	Runoff/leaching from natural deposits
Perfluorohexanoic Acid [PFHxA] (ppt)	2019	NA	NA	NA	NA	Industrial chemical factory discharges; runoff/leaching from landfills; used in fire-retarding foams and various industrial processes
pH (Units)	2019	8.58	NA	8.1	7.9–8.2	Naturally occurring
Potassium (ppm)	2019	1.8	NA	1.4	NA	Salt present in the water; naturally occurring
Sodium (ppm)	2019	49	NA	17.5	13–22	Salt present in the water; naturally occurring
Total Organic Carbon [TOC] (ppm)	2019	1.12	1.07–1.16	ND	NA	Various natural and man-made sources; TOC is a precursor for the formation of disinfection by-products

<sup>1</sup>The State Water Resources Control Board considers 50 pCi/L to be the level of concern for beta particles.

<sup>2</sup>Unregulated contaminant monitoring helps U.S. EPA and the State Water Resources Control Board to determine where certain contaminants occur and whether the contaminants need to be regulated.

## Definitions

**90th %ile:** The levels reported for lead and copper represent the 90th percentile of the total number of sites tested. The 90th percentile is equal to or greater than 90% of our lead and copper detections.

**AL (Regulatory Action Level):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

**MCL (Maximum Contaminant Level):** The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs (SMCLs) are set to protect the odor, taste and appearance of drinking water.

**MCLG (Maximum Contaminant Level Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. EPA.

**MRDL (Maximum Residual Disinfectant Level):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**MRDLG (Maximum Residual Disinfectant Level Goal):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**NA:** Not applicable.

**ND (Not detected):** Indicates that the substance was not found by laboratory analysis.

**NR:** Not regulated.

**NS:** No standard.

**NTU (Nephelometric Turbidity Units):** Measurement of the clarity, or turbidity, of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

**pCi/L (picocuries per liter):** A measure of radioactivity.

**PDWS (Primary Drinking Water Standard):** MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

**PHG (Public Health Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California EPA.

**ppb (parts per billion):** One part substance per billion parts water (or micrograms per liter).

**ppm (parts per million):** One part substance per million parts water (or milligrams per liter).

**ppt (parts per trillion):** One part substance per trillion parts water (or nanograms per liter).

**RAA:** Running Annual Average; highest RAA is the highest of all Running Annual Averages calculated as an average of all the samples collected within a 12-month period

**TON (Threshold Odor Number):** A measure of odor in water.

**TT (Treatment Technique):** A required process intended to reduce the level of a contaminant in drinking water.

**µS/cm (microsiemens per centimeter):** A unit expressing the amount of electrical conductivity of a solution.



## Source Water Assessment

The Colorado River Watershed Sanitary Survey was last completed in December 2016 (next will be completed by December 31, 2021) and the State Water Project Watershed Sanitary Survey was last completed in June 2017 (next will be completed by June 30, 2022). Colorado River supplies are considered to be most vulnerable to recreation, urban and storm-water runoff, increasing urbanization in the watershed, and wastewater. State Water Project supplies are considered to be most vulnerable to urban and storm-water runoff, wildlife, agriculture, recreation, and wastewater. A copy of the assessment can be obtained by contacting MWD at (213) 217-6000.

## Drinking Water & COVID-19

WVWD is committed to providing clean, safe and reliable drinking water to customers throughout our service area. Coronavirus (COVID-19) has no impact on the quality or supply of the drinking water supplied to your community. Your tap water is safe to drink and meets all state and federal standards.

## Lead in Home Plumbing

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high-quality drinking water, but we cannot control the variety of materials used in plumbing components.

When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. (If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.) If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or at [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).



## What's a Cross-Connection?

Cross-connections that contaminate drinking water distribution lines are a major concern. A cross-connection is formed at any point where a drinking water line connects to equipment (boilers), systems containing chemicals (air conditioning systems, fire sprinkler systems, irrigation systems), or water sources of questionable quality. Cross-connection contamination can occur when the pressure in the equipment or system is greater than the pressure inside the drinking water line (back-pressure). Contamination can also occur when the pressure in the drinking water line drops due to fairly routine occurrences (main breaks, heavy water demand), causing contaminants to be sucked out from the equipment and into the drinking water line (back-siphonage).

Outside water taps and garden hoses tend to be the most common sources of cross-connection contamination at home. The garden hose creates a hazard when submerged in a swimming pool or when attached to a chemical sprayer for weed killing. Garden hoses that are left lying on the ground may be contaminated by fertilizers, cesspools, or garden chemicals. Improperly installed valves in your toilet could also be a source of cross-connection contamination.

Community water supplies are continuously jeopardized by cross-connections unless appropriate valves, known as backflow prevention devices, are installed and maintained. We have surveyed industrial, commercial, and institutional facilities in the service area to make sure that potential cross-connections are identified and eliminated or protected by a backflow preventer. We also inspect and test backflow preventers to make sure that they provide maximum protection.

For more information on backflow prevention, contact the Safe Drinking Water Hotline at (800) 426-4791.

## Information on the Internet

The U.S. EPA (<https://goo.gl/TFAMKc>) and the Centers for Disease Control and Prevention ([www.cdc.gov](http://www.cdc.gov)) websites provide a substantial amount of information on many issues related to water resources, water conservation, and public health. Also, the Division of Drinking Water and Environmental Management has a website (<https://goo.gl/kGepu4>) that provides complete and current information on water issues in California, including valuable information about our watershed.



# ANNUAL WATER QUALITY REPORT

REPORTING YEAR 2020



*Presented By*  
**Walnut Valley Water District**



## Quality First

We are pleased to present our annual water quality report covering all testing performed between January 1 and December 31, 2020. As in years past, we are committed to delivering the highest-quality drinking water possible. To that end, we remain vigilant in meeting the challenges of new regulations, source water protection, water conservation, and community outreach and education while continuing to serve the needs of all our water users.

Thank you for allowing us the opportunity to serve you.

## Substances That Could Be in Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material and can pick up substances resulting from the presence of animals or from human activity.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (U.S. EPA) and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

Contaminants that may be present in source water include:

Microbial Contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;

Inorganic Contaminants, such as salts and metals, that can be naturally occurring or can result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;

Pesticides and Herbicides that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses;

Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production and which can also come from gas stations, urban stormwater runoff, agricultural applications, and septic systems;

Radioactive Contaminants that can be naturally occurring or can be the result of oil and gas production and mining activities.

More information about contaminants and potential health effects can be obtained by calling the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791.



“  
We remain vigilant in  
delivering the best-quality  
drinking water  
”

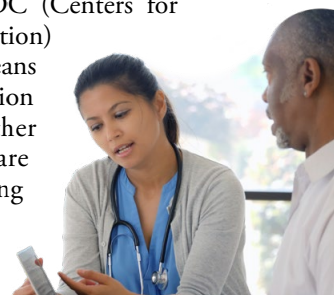
## Where Does My Water Come From?

The District is dependent on surface water that is imported into Southern California by the Metropolitan Water District of Southern California (MWD). MWD imports and treats surface water transported through two major conveyance systems: the 242-mile-long Colorado River Aqueduct and the 444-mile-long State Water Project (SWP). Water transported via the Colorado River Aqueduct originates in the Colorado River basin states,

and water transported by the SWP conveyance system originates in the Sacramento-San Joaquin Delta. MWD treats this water at its Weymouth Filtration plant in the City of La Verne. The water is then purchased by the District through our designated wholesale water agency, Three Valleys Municipal Water District (TVMWD). The District also receives SWP water treated by TVMWD at their Miramar Water Treatment Plant in Claremont.

## Important Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants may be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The U.S. EPA/CDC (Centers for Disease Control and Prevention) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at (800) 426-4791 or <http://water.epa.gov/drink/hotline>.





## Safeguard Your Drinking Water

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides – they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources, or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use U.S. EPA's Adopt Your Watershed to locate groups in your community.
- Organize a storm drain stenciling project with others in your neighborhood. Stencil a message next to the street drain reminding people "Dump No Waste – Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

### Source Water Assessment

The Colorado River Watershed Sanitary Survey was last completed in December 2016. The next Colorado River Watershed Sanitary Survey will be completed by December 31, 2021. The SWP Watershed Sanitary Survey was last completed in June 2017. The next SWP Watershed Sanitary Survey will be completed by June 30, 2022. Colorado River supplies are considered to be most vulnerable to recreation, urban and stormwater runoff, increasing urbanization in the watershed, and wastewater. SWP supplies are considered to be most vulnerable to urban and stormwater runoff, wildlife, agriculture, recreation, and wastewater. A copy of the assessment can be obtained by contacting MWD at (213) 217-6000.

## Test Results

Our water is monitored for many different kinds of substances on a very strict sampling schedule, and the water we deliver must meet specific health standards. Here, we only show those substances that were detected in our water (a complete list of all our analytical results is available upon request). Remember that detecting a substance does not mean the water is unsafe to drink; our goal is to keep all detects below their respective maximum allowed levels.

The state recommends monitoring for certain substances less than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data are included, along with the year in which the sample was taken.

We participated in the fourth stage of the U.S. EPA's Unregulated Contaminant Monitoring Rule (UCMR4) program by performing additional tests on our drinking water. UCMR4 sampling benefits the environment and public health by providing the U.S. EPA with data on the occurrence of contaminants suspected to be in drinking water in order to determine if U.S. EPA needs to introduce new regulatory standards to improve drinking water quality. Unregulated contaminant monitoring data are available to the public, so please feel free to contact us if you are interested in obtaining that information. If you would like more information on the U.S. EPA's Unregulated Contaminant Monitoring Rule, please call the Safe Drinking Water Hotline at (800) 426-4791.

## Benefits of Chlorination

Disinfection, a chemical process used to control disease-causing microorganisms by killing or inactivating them, is unquestionably the most important step in drinking water treatment. By far, the most common method of disinfection in North America is chlorination.

Before communities began routinely treating drinking water with chlorine (starting with Chicago and Jersey City in 1908), cholera, typhoid fever, dysentery, and hepatitis A killed thousands of U.S. residents annually. Drinking water chlorination and filtration have helped to virtually eliminate these diseases in the U.S. Significant strides in public health are directly linked to the adoption of drinking water chlorination. In fact, the filtration of drinking water plus the use of chlorine is probably the most significant public health advancement in human history.

How chlorination works:

**Potent Germicide Reduction** in the level of many disease-causing microorganisms in drinking water to almost immeasurable levels.

**Taste and Odor Reduction** of many disagreeable tastes and odors like foul-smelling algae secretions, sulfides, and decaying vegetation.

**Biological Growth Elimination** of slime bacteria, molds, and algae that commonly grow in water supply reservoirs, on the walls of water mains, and in storage tanks.

**Chemical Removal** of hydrogen sulfide (which has a rotten egg odor), ammonia, and other nitrogenous compounds that have unpleasant tastes and hinder disinfection. It also helps to remove iron and manganese from raw water.





REGULATED SUBSTANCES													
			Walnut Valley Water District			The Metropolitan Water District of Southern California		Three Valleys Municipal Water District (Miramar Plant Effluent)		Three Valleys Municipal Water District (Groundwater)			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	PHG (MCLG) [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Aluminum (ppb)	2020	200	NS	NA	NA	149	80–210	ND	NA	ND	NA	No	Residue from water treatment process; runoff and leaching from natural deposits
Barium (ppb)	2020	1,000	2,000	NA	NA	105	NA	ND	NA	ND	NA	No	Oil and metal refineries discharge; natural deposits erosion
Bromate (ppb)	2020	10	0.1	NA	NA	2.0	ND–4.2	NA	NA	NA	NA	No	By-product of drinking water ozonation
Chloramines (ppm)	2020	[4.0 (as Cl <sub>2</sub> )]	[4 (as Cl <sub>2</sub> )]	2.31	1.90–2.58	2.4	1.4–3.0	2.73	NA	NR	NA	No	Drinking water disinfectant added for treatment
Combined Radium (pCi/L)	2020	5	(0)	NA	NA	ND	NA	ND	NA	0.148 <sup>1</sup>	NA	No	Erosion of natural deposits
Dibromochloropropane [DBCP] (ppt)	2020	200	1.7	NA	NA	ND	NA	ND	NA	0.029	NA	No	Banned nematicide that may still be present in soils due to runoff/ leaching
Fluoride (ppm)	2020	2.0	1	NA	NA	0.7	0.6–0.8	0.055	ND–0.11	0.47	0.38–0.56	No	Runoff and leaching from natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Gross Beta Particle Activity (pCi/L)	2020	50 <sup>2</sup>	(0)	NA	NA	4	ND–6	2.49	NA	NR	NA	No	Decay of natural and human-made deposits
Haloacetic Acids (ppb)	2020	60	NA	9.45	1.34–13.8	6.2	3.3–7.3	13.8	7.56–22.6	NR	NA	No	By-product of drinking water disinfection
Nitrate [as nitrogen] (ppm)	2020	10	10	NA	NA	ND	NA	0.285	ND–0.57	2.57	2.2–2.8	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Strontium-90 (pCi/L)	2020	8	0.35	NA	NA	ND	NA	0.16	NA	NR	NA	No	Decay of natural and human-made deposits
TTHMs [Total Trihalomethanes] (ppb)	2020	80	NA	28.03	20.9–31.9	24	20–26	48.16	39.7–58	NR	NA	No	By-product of drinking water disinfection
Tritium (pCi/L)	2020	20,000	400	NA	NA	ND	NA	424	NA	NR	NA	No	Decay of natural and human-made deposits
Turbidity (NTU)	2020	TT	NA	NA	NA	0.04	NA	0.073	NA	0.790	NA	No	Soil runoff
Uranium (pCi/L)	2020	20	0.43	NA	NA	2	1–3	ND <sup>3</sup>	NA	WVWD Board Meeting of June 20, 2022, Page 80		No	Uranium from natural deposits

Tap water samples were collected for lead and copper analyses from sample sites throughout the community

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AL	PHG (MCLG)	AMOUNT DETECTED (90TH %ILE)	SITES ABOVE AL/TOTAL SITES	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2018	1.3	0.3	0.099	0/30	No	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb)	2018	15	0.2	4	0/30	No	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits

UNREGULATED AND OTHER SUBSTANCES <sup>5</sup>

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	The Metropolitan Water District of Southern California		Three Valleys Municipal Water District (Miramar Plant Effluent)		Three Valleys Municipal Water District (Groundwater)		TYPICAL SOURCE
		AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	
Alkalinity [CaCO <sub>3</sub> ] (ppm)	2020	118	118–119	80.6	68–88	160	NA	Runoff/leaching of natural deposits; carbonate, bicarbonate, hydroxide, and occasionally borate, silicate, and phosphate
Boron (ppb)	2020	130	NA	180	150–220	80	ND–160	Runoff/leaching from natural deposits; industrial wastes
Calcium Carbonate Precipitation Potential [CCPP, as CaCO <sub>3</sub> ] (ppm)	2020	7.4	3.3–9.9	NR	NA	NR	NA	Elemental balance in water; affected by temperature, other factors
Calcium (ppm)	2020	65	NA	22	21–23	56	55–57	Runoff/leaching from natural deposits
Chlorate (ppb)	2020	76	NA	NR	NA	NR	NA	By-product of drinking water chlorination; industrial processes
Corrosivity (as Aggressiveness Index)	2020	12.4	NA	12.26	NA	NR	NA	Elemental balance in water; affected by temperature, other factors
Corrosivity (as Saturation Index)	2020	0.56	0.48–0.65	0.36	NA	NR	NA	Elemental balance in water; affected by temperature, other factors
Hardness, Total [as CaCO <sub>3</sub> ] (ppm)	2020	262	256–268	97	NA	175	170–180	Runoff/leaching from natural deposits; sum of polyvalent cations, generally magnesium and calcium present in the water
Magnesium (ppm)	2020	26	25–26	9.35	7.7–11	8.55	8.4–8.7	Runoff/leaching from natural deposits
pH (units)	2020	8.1	NA	8.43	8.2–8.6	8.5	8.0–8.1	Naturally occurring
Potassium (ppm)	2020	4.6	4.5–4.6	2.2	2.0–2.4	1.55	1.4–1.7	Salt present in the water; naturally occurring
Sodium (ppm)	2020	95	93–97	49	48–50	18	13–23	Salt present in the water; naturally occurring
Total Dissolved Solids, Calculated [TDS] (ppm)	2020	565	450–599	250	NA	260	NA	Runoff/leaching from natural deposits
Total Organic Carbon [TOC] (ppm)	2020	2.4	2.1–2.6	2.1	1.8–2.6	ND	NA	Various natural and human-made sources; TOC is a precursor for the formation of disinfection by-products

## SECONDARY SUBSTANCES

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	SMCL	PHG (MCLG)	Walnut Valley Water District		The Metropolitan Water District of Southern California		Three Valleys Municipal Water District (Miramar Plant Effluent)		Three Valleys Municipal Water District (Groundwater)		VIOLATION	TYPICAL SOURCE
				AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH		
Aluminum (ppb)	2020	200	NS	NA	NA	149	80–210	ND	NA	ND	NA	No	Residue from water treatment process; runoff and leaching from natural deposits
Chloride (ppm)	2020	500	NS	NA	NA	93	NA	62	NA	6.45	5.8–7.1	No	Runoff/leaching from natural deposits; seawater influence
Color (units)	2020	15	NS	1	NA	1	NA	2.5	ND–5.0	ND	NA	No	Naturally occurring organic materials
Odor, Threshold (TON)	2020	3	NS	NA	NA	2	NA	1.5	1–2	1	NA	No	Naturally occurring organic materials
Specific Conductance (µS/cm)	2020	1,600	NS	NA	NA	966	963–968	430	420–440	416.67	390–450	No	Substances that form ions when in water; seawater influence
Sulfate (ppm)	2020	500	NS	NA	NA	213	211–215	36.5	32–41	24.5	21–28	No	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	2020	1,000	NS	NA	NA	590	587–593	250	NA	250	240–260	No	Runoff/leaching from natural deposits
Turbidity (NTU)	2020	5	NS	0.100	NA	ND	NA	ND	NA	ND	NA	No	Soil runoff

<sup>1</sup> Sampled in 2016.

<sup>2</sup> The State Water Resources Control Board considers 50 pCi/L to be the level of concern for beta particles.

<sup>3</sup> Sampled in 2018.

<sup>4</sup> Sampled in 2017.

<sup>5</sup> Unregulated contaminant monitoring helps U.S. EPA and the State Water Resources Control Board determine where certain contaminants occur and whether the contaminants need to be regulated.

## Definitions

**90th %ile:** The levels reported for lead and copper represent the 90th percentile of the total number of sites tested. The 90th percentile is equal to or greater than 90% of our lead and copper detections.

**AL (Regulatory Action Level):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

**MCL (Maximum Contaminant Level):** The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs (SMCLs) are set to protect the odor, taste, and appearance of drinking water.

**MCLG (Maximum Contaminant Level Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. EPA.

**MRDL (Maximum Residual Disinfectant Level):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**MRDLG (Maximum Residual Disinfectant Level Goal):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**NA:** Not applicable

**ND (Not detected):** Indicates that the substance was not found by laboratory analysis.

**NR:** Not required

**NS:** No standard

**NTU (Nephelometric Turbidity Units):** Measurement of the clarity, or turbidity, of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

**pCi/L (picocuries per liter):** A measure of radioactivity.

**PDWS (Primary Drinking Water Standard):** MCLs and MRDLs for contaminants that affect health, along with their monitoring and reporting requirements and water treatment requirements.

**PHG (Public Health Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California EPA.

**ppb (parts per billion):** One part substance per billion parts water (or micrograms per liter).

**ppm (parts per million):** One part substance per million parts water (or milligrams per liter).

**ppt (parts per trillion):** One part substance per trillion parts water (or nanograms per liter).

**TON (Threshold Odor Number):** A measure of odor in water.

**TT (Treatment Technique):** A required process intended to reduce the level of a contaminant in drinking water.

**µS/cm (microsiemens per centimeter):** A unit expressing the amount of electrical conductivity of a solution.

## Community Participation

The District's Board Meetings are typically scheduled, unless otherwise noted, for 5:00 p.m. on the third Monday of each month. The Board Meetings are open to the public, and anyone who is interested in the operations and business of the District is encouraged to attend. For more information on the District Board Meetings, please visit our website at [www.wvwd.com](http://www.wvwd.com).

## Water Conservation Tips

You can play a role in conserving water and save yourself money in the process by becoming conscious of the amount of water your household is using and looking for ways to use less whenever you can. It is not hard to conserve water. Here are a few tips:

- Automatic dishwashers use 15 gallons for every cycle, regardless of how many dishes are loaded. So get a run for your money and load it to capacity.
- Turn off the tap when brushing your teeth.
- Check every faucet in your home for leaks. Just a slow drip can waste 15 to 20 gallons a day. Fix it and you can save almost 6,000 gallons per year.
- Check your toilets for leaks by putting a few drops of food coloring in the tank. Watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from an invisible toilet leak. Fix it and you save more than 30,000 gallons a year.
- Use your water meter to detect hidden leaks. Simply turn off all taps and water-using appliances. Then check the meter after 15 minutes. If it moved, you have a leak.

## Lead in Home Plumbing

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high-quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. (If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.) If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or at [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).

## The Benefits of Fluoridation

Our water system treats your water by adding fluoride to the naturally occurring level to help prevent dental caries in consumers. State regulations require the fluoride levels in the treated water be maintained within a range of 0.6 mg/L to 1.2 mg/L ppm. Information about fluoridation, oral health, and current issues is available from [http://www.swrcb.ca.gov/drinking\\_water/certlic/drinkingwater/Fluoridation.shtml](http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation.shtml).

## Drinking Water & COVID-19

WVWD is committed to providing clean, safe and reliable drinking water to customers throughout our service area. Coronavirus (COVID-19) has no impact on the quality or supply of the drinking water supplied to your community. Your tap water is safe to drink and meets all state and federal standards.

## What's Your Water Footprint?

You may have some understanding about your carbon footprint, but how much do you know about your water footprint? The water footprint of an individual, community, or business is defined as the total volume of freshwater that is used to produce the goods and services that are consumed by the individual or community or produced by the business. For example, 11 gallons of water is needed to irrigate and wash the fruit in one half-gallon container of orange juice. Thirty-seven gallons of water is used to grow, produce, package, and ship the beans in that morning cup of coffee. Two hundred and sixty-four gallons of water is required to produce one quart of milk, and 4,200 gallons of water is required to produce two pounds of beef.

According to the U.S. EPA, the average American uses over 180 gallons of water daily. In fact, in the developed world, one flush of a toilet uses as much water as the average person in the developing world allocates for an entire day's cooking, washing, cleaning, and drinking. The annual American per capita water footprint is about 8,000 cubic feet, twice the global per capita average. With water use increasing six-fold in the past century, our demands for freshwater are rapidly outstripping what the planet can replenish.

To check out your own water footprint, go to [www.watercalculator.org](http://www.watercalculator.org).



## QUESTIONS?

For more information about this report, or for any questions relating to the quality of your drinking water, please contact Ty Maddux, Production and Storage Lead, at [tmaddux@wvwd.com](mailto:tmaddux@wvwd.com) or (909) 595-7554, ext. 321.

For any other questions, please call our Customer Service Department at (909) 595-7554 or email us at [cservice@wvwd.com](mailto:cservice@wvwd.com).



# ANNUAL WATER QUALITY REPORT

Reporting Year 2021

這份報告含有關於您的飲用水的重要訊息。請用以下地址和電話聯繫以獲得中文的幫助Walnut Valley Water District, 271 S. Brea Canyon Road, Walnut, CA 91789 (909) 595-7554

Tsab ntawv no muaj cov ntsiab lus tseem ceeb hais txog koj cov dej haus. Thov hu rau Walnut Valley Water District ntawm (909) 595-7554 yog koj xav tau kev pab hais lus Hmoob.

Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa Walnut Valley Water District, 271 S. Brea Canyon Road Walnut, CA o tumawag sa (909) 595-7554 para matulungan sa wikang Tagalog.

Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên lạc Walnut Valley Water District tại (909) 595-7554 để được trợ giúp bằng tiếng Việt.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.



*Presented By*  
**Walnut Valley  
Water District**



## Quality and Reliability

Walnut Valley Water District is proud to present its annual water quality report covering the period between January 1 and December 31, 2021. In a matter of only a few decades, drinking water has become exponentially safer and more reliable than at any other point in human history. Our exceptional staff continues to work hard every day—at all hours—to deliver the highest-quality drinking water. The District continuously invests in new treatment technologies, system upgrades, and training, to ensure that reliable, high-quality tap water is always delivered to you and your family.

## Water Conservation Tips

You can play a role in conserving water and save money by becoming conscious of the amount of water your household is using and by looking for ways to use less whenever you can. Here are a few tips:

- Automatic dishwashers use 15 gallons for every cycle, regardless of how many dishes are loaded. Get a run for your money and load it to capacity.
- Turn off the tap when brushing your teeth.
- Check every faucet in your home for leaks. Just a slow drip can waste 15 to 20 gallons a day. Fix it and you can save almost 6,000 gallons per year.
- Check your toilets for leaks by putting a few drops of food coloring in the tank. Watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from an invisible toilet leak. Fix it and you save more than 30,000 gallons a year.
- Use your water meter to detect hidden leaks. Simply turn off all taps and water-using appliances. Then check the meter after 15 minutes. If it moved, you have a leak.

## Community Participation

The District's Board Meetings are typically scheduled, unless otherwise noted, for 5:00 p.m. on the third Monday of each month. The Board Meetings are open to the public, and anyone interested in the operations and business of the District is encouraged to attend. For more information on the District's Board Meetings, please visit our website at [www.wvwd.com](http://www.wvwd.com).

## Important Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as those with cancer undergoing chemotherapy, those who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants may be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The U.S. EPA/CDC (Centers for Disease Control and Prevention) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at (800) 426-4791 or <http://water.epa.gov/drink/hotline> or <https://www.epa.gov/ground-water-and-drinking-water/safe-drinking-water-information>.



## Where Does My Water Come From?

The District is dependent on surface water that is imported into Southern California by the Metropolitan Water District of Southern California (MWD). MWD imports and treats surface water transported through two major conveyance systems: the 242-mile-long Colorado River Aqueduct and the 444-mile-long State Water Project (SWP). Water transported via the Colorado River Aqueduct originates in the Colorado River basin states. Water transported by the State Water Project conveyance system originates in the Sacramento-San Joaquin Delta. MWD treats this water at its E.E. Weymouth Water Treatment Plant in the City of La Verne. The water is then purchased by the District through our designated wholesale water agency, Three Valleys Municipal Water District (TVMWD). The District also receives SWP water treated by TVMWD at its Miramar Water Treatment Plant in Claremont.

“  
When the well is dry, we  
know the worth of water.  
”

—Benjamin Franklin

## Source Water Assessment

The Colorado River Watershed Sanitary Survey 2020 update was completed on April 1, 2022. The SWP Watershed Sanitary Survey was last completed in June 2017. The next SWP Watershed Sanitary Survey was completed by June 30, 2022. Colorado River supplies are considered to be most vulnerable to recreation, urban and stormwater runoff, increasing urbanization in the watershed, and wastewater. SWP supplies are considered to be most vulnerable to urban and stormwater runoff, wildlife, agriculture, recreation, and wastewater. A copy of the assessment can be obtained by contacting MWD at (213) 217-6000.



## The Benefits of Fluoridation

Our water system treats your water by adding fluoride to the naturally occurring level to help prevent dental caries in consumers. State regulations require that the fluoride levels in the treated water be maintained within a range of 0.6 mg/L to 1.2 mg/L. Information about fluoridation, oral health, and current issues is available from [https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/Fluoridation.html](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation.html).

**QUESTIONS?** For more information about this report, or any questions related to the quality of your drinking water, please contact Gabe Gaytan, Pump Operator II, at [GGaytan@wvwd.com](mailto:GGaytan@wvwd.com) or (909) 595-7554, ext. 342.

For any other questions, please call our Customer Service Department at (909) 595-7554 or [cservice@wvwd.com](mailto:cservice@wvwd.com).



## Substances That Could Be in Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (U.S. EPA) and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protections for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

Contaminants that may be present in source water include:

Microbial Contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;

Inorganic Contaminants, such as salts and metals, that can be naturally occurring or can result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;

Pesticides and Herbicides, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses;

Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production and can also come from gas stations, urban stormwater runoff, agricultural applications, and septic systems;

Radioactive Contaminants, which can be naturally occurring or can be the result of oil and gas production and mining activities.

More information about contaminants and potential health effects can be obtained by calling the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791.

## What's Your Water Footprint?

You may have some understanding about your carbon footprint, but how much do you know about your water footprint? The water footprint of an individual, community, or business is defined as the total volume of fresh water that is used to produce the goods and services that are consumed by the individual or community or produced by the business. For example, 11 gallons of water are needed to irrigate and wash the fruit in one half-gallon container of orange juice. Thirty-seven gallons of water are used to grow, produce, package, and ship the beans in that morning cup of coffee. Two hundred and sixty-four gallons of water are required to produce one quart of milk, and 4,200 gallons of water are required to produce two pounds of beef.

According to the U.S. EPA, the average American uses over 180 gallons of water daily. In fact, in the developed world, one flush of a toilet uses as much water as the average person in the developing world allocates for an entire day's cooking, washing, cleaning, and drinking. The annual American per-capita water footprint is about 8,000 cubic feet; twice the global per capita average. With water use increasing six-fold in the past century, our demands for freshwater are rapidly outstripping what the planet can replenish.

To check your water footprint, go to [www.watercalculator.org](http://www.watercalculator.org).

## Table Talk

Get the most out of the Testing Results data table with this simple suggestion. In less than a minute, you will know all there is to know about your water:

For each substance listed, compare the value in the Amount Detected column against the value in the MCL (or AL, SMCL) column. If the Amount Detected value is smaller, your water meets the health and safety standards set for the substance.

### Other Table Information Worth Noting

Verify that there were no violations of the state and/or federal standards in the Violation column. If there was a violation, you will see a detailed description of the event in this report.

If there is an ND or a less-than symbol (<), that means that the substance was not detected (i.e., below the detectable limits of the testing equipment).

The Range column displays the lowest and highest sample readings. If there is an NA showing, that means only a single sample was taken to test for the substance (assuming there is a reported value in the Amount Detected column).

If there is sufficient evidence to indicate from where the substance originates, it will be listed under Typical Source.

## Lead in Home Plumbing

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high-quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. (If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.) If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or at <https://www.epa.gov/lead>.



## Test Results

We are pleased to report that your drinking water meets or exceeds all Federal and State requirements.

Our water is monitored for many different kinds of substances on a very strict sampling schedule, and the water we deliver must meet specific health standards. Here, we show only those substances that were detected in our water. (A complete list of all our analytical results is available upon request.) Remember that detecting a substance does not mean the water is unsafe to drink; our goal is to keep all detects below their respective maximum allowed levels.

The State recommends monitoring for certain substances less often than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data are included, along with the year in which the sample was taken.

REGULATED SUBSTANCES													
				Walnut Valley Water District		The Metropolitan Water District of Southern California		Three Valleys Municipal Water District (Miramar Plant Effluent)		Three Valleys Municipal Water District (Groundwater)			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	PHG (MCLG) [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Barium (ppm)	2021	1	2	NA	NA	0.11	NA	ND	NA	NA	NA	No	Oil and metal refineries discharge; natural deposits erosion
Bromate (ppb)	2021	10	0.1	NA	NA	ND	ND-7	NR	NA	NA	NA	No	By-product of drinking water ozonation
Chloramines (ppm)	2021	[4.0 (as Cl <sub>2</sub> )]	[4 (as Cl <sub>2</sub> )]	2.59	2.39-2.72	2.4	1.4-2.9	2.63	2.62-2.64	NR	NA	No	Drinking water disinfectant added for treatment
Combined Radium (pCi/L)	2021	5	(0)	NA	NA	ND	NA	ND <sup>1</sup>	NA	0.148 <sup>2</sup>	NA	No	Erosion of natural deposits
Fluoride (ppm)	2021	2.0	1	NA	NA	0.7	0.6-0.9	0.11	NA	NA	NA	No	Runoff and leaching from natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Gross Beta Particle Activity <sup>3</sup> (pCi/L)	2021	50	(0)	NA	NA	5	4-6	3.82	3.35-4.29	NR	NA	No	Decay of natural and man-made deposits
HAA5 [Sum of 5 Haloacetic Acids]-Stage 2 (ppb)	2021	60	NA	13.34	5.10-22.40	5.4	1.5-6.1	12.19	6.8-20.9	NR	NA	No	By-product of drinking water disinfection
Nitrate [as nitrogen] (ppm)	2021	10	10	NA	NA	ND	NA	0.43	0.42-0.44	2.51	2.2-2.9	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Radium 226 (pCi/L)	2021	NA	0.05	NA	NA	ND	NA	0.88	NA	0.147 <sup>2</sup>	NA	No	Erosion of natural deposits
Radium 228 (pCi/L)	2021	NA	0.019	NA	NA	ND	ND-1	0	NA	0.001 <sup>2</sup>	NA	No	Erosion of natural deposits
Strontium-90 (pCi/L)	2021	8	0.35	NA	NA	ND	NA	0.560	NA	NR	NA	No	Decay of natural and man-made deposits
TTHMs [Total Trihalomethanes]-Stage 2 (ppb)	2021	80	NA	35.05	19.50-43.40	30	26-35	37.61	25.40-54.30	NR	NA	No	By-product of drinking water disinfection
Tritium (pCi/L)	2021	20,000	400	NA	NA	ND	NA	293	NA	NR	NA	No	Decay of natural and man-made deposits
Turbidity (NTU)	2021	TT	NA	NA	NA	0.03	NA	0.06	NA	0.57	NA	No	Soil runoff
Uranium (pCi/L)	2021	20	0.43	NA	NA	2	1-3	ND <sup>4</sup>	NA	2.2	NA	No	Erosion of natural deposits



Tap water samples were collected for lead and copper analyses from sample sites throughout the community.

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AL	PHG (MCLG)	AMOUNT DETECTED (90TH %ILE)	SITES ABOVE AL/ TOTAL SITES	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2021	1.3	0.3	0.099	0/30	No	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb)	2021	15	0.2	4	0/30	No	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits

**SECONDARY SUBSTANCES**

				Walnut Valley Water District	The Metropolitan Water District of Southern California		Three Valleys Municipal Water District (Miramar Plant Effluent)				
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	SMCL	PHG (MCLG)	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Aluminum (ppb)	2021	200	600	NA	NA	148	ND–240	ND	NA	No	Residue from water treatment process; runoff and leaching from natural deposits
Chloride (ppm)	2021	500	NS	NA	NA	96	95–97	94	NA	No	Runoff/leaching from natural deposits; seawater influence
Color (Units)	2021	15	NS	0.100	NA	1	NA	ND	NA	No	Naturally occurring organic materials
Odor–Threshold (TON)	2021	3	NS	NA	NA	1	NA	1	NA	No	Naturally occurring organic materials
Specific Conductance (µS/cm)	2021	1,600	NS	NA	NA	964	962–965	560	NA	No	Substances that form ions when in water; seawater influence
Sulfate (ppm)	2021	500	NS	NA	NA	219	217–221	40	NA	No	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	2021	1,000	NS	NA	NA	604	599–609	310	NA	No	Runoff/leaching from natural deposits
Turbidity (NTU)	2021	5	NS	0.100	NA	ND	NA	ND	NA	No	Soil runoff

**UNREGULATED SUBSTANCES <sup>6</sup>**

		The Metropolitan Water District of Southern California		Three Valleys Municipal Water District (Miramar Plant Effluent)		Three Valleys Municipal Water District (Groundwater)				
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	TYPICAL SOURCE		
Boron (ppb)	2021	130	NA	200	190–210	80 <sup>5</sup>	ND–160 <sup>5</sup>	Runoff/leaching from natural deposits; industrial wastes		
Hardness, Total [as CaCO <sub>3</sub> ] (ppm)	2021	272	270–273	110	NA	NA	NA	Runoff/leaching from natural deposits; sum of polyvalent cations; generally, magnesium and calcium present in the water		
Sodium (ppm)	2021	98	95–101	73	NA	NA	NA	Salt present in the water; naturally occurring		

**OTHER SUBSTANCES <sup>6</sup>**

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	The Metropolitan Water District of Southern California		Three Valleys Municipal Water District (Miramar Plant Effluent)		Three Valleys Municipal Water District (Groundwater)		TYPICAL SOURCE
		AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	
<b>Alkalinity, Total (as CaCO<sub>3</sub>)</b> (ppm)	2021	126	123–128	88	85–89	NA	NA	Runoff/leaching of natural deposits; carbonate, bicarbonate, hydroxide, and occasionally borate, silicate, and phosphate
<b>Calcium Carbonate Precipitation Potential (CCPP) (as CaCO<sub>3</sub>)</b> (ppm)	2021	8.3	2.4–11	NA	NA	NA	NA	A measure of the balance between pH and calcium carbonate saturation in the water
<b>Calcium</b> (ppm)	2021	67	64–70	26	24–28	NA	NA	Runoff/leaching from natural deposits
<b>Chlorate</b> (ppb)	2021	55	NA	ND	NA	NR	NA	By-product of drinking water chlorination; industrial processes
<b>Corrosivity (as Aggressiveness Index)</b>	2021	12.4	12.4–12.5	12.23	12.22–12.25	NR	NA	A measure of the balance between pH and calcium carbonate saturation in the water
<b>Corrosivity (as Saturation Index)</b>	2021	0.56	0.52–0.61	0.41	0.39–0.43	NR	NA	A measure of the balance between pH and calcium carbonate saturation in the water
<b>Magnesium</b> (ppm)	2021	26	25–26	12	NA	NA	NA	Runoff/leaching from natural deposits
<b>N-Nitrosodimethylamine (NDMA)</b> (ppt)	2021	ND	NA	0	0–3	NR	NA	By-product of drinking water chlorination; industrial processes
<b>Potassium</b> (ppm)	2021	4.6	4.4–4.7	2.85	2.7–3.0	NA	NA	Salt present in the water; naturally occurring
<b>Total Dissolved Solids, Calculated (TDS)</b> (ppm)	2021	567	400–604	304	260–340	357	322.75–446.5	Runoff/leaching from natural deposits
<b>Total Organic Carbon [TOC]</b> (ppm)	2021	2.4	1.8–2.5	1.33	1.26–1.39	NR	NA	Various natural and man-made sources; a precursor for the formation of disinfection by-products
<b>pH</b> (Units)	2021	8.1	NA	8.5	NA	7.71	NA	NA

<sup>1</sup> Sampled in 2015; due in 2022

<sup>2</sup> Sampled in 2016; due in 2028

<sup>3</sup> The State Water Resources Control Board considers 50 pCi/L to be the level of concern for beta particles.

<sup>4</sup> Sampled in 2018; due in 2023

<sup>5</sup> Sampled in 2020; due in 2023.

<sup>6</sup> Unregulated contaminant monitoring helps the U.S. EPA and the State Water Resources Control Board to determine where certain contaminants occur and whether the contaminants need to be regulated.



## BY THE NUMBERS

The number of Americans who receive water from a public water system.

**300**  
MILLION

**1**  
MILLION

The number of miles of drinking water distribution mains in the U.S.

The number of gallons of water produced daily by public water systems in the U.S.

**34**  
BILLION

**135**  
BILLION

The amount of money spent annually on maintaining the public water infrastructure in the U.S.

The number of active public water systems in the U.S.

**151**  
THOUSAND

## Definitions

**90th %ile:** The levels reported for lead and copper represent the 90th percentile of the total number of sites tested. The 90th percentile is equal to or greater than 90% of our lead and copper detections.

**AL (Regulatory Action Level):** The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

**MCL (Maximum Contaminant Level):** The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs (SMCLs) are set to protect the odor, taste and appearance of drinking water.

**MCLG (Maximum Contaminant Level Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. EPA.

**MRDL (Maximum Residual Disinfectant Level):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**MRDLG (Maximum Residual Disinfectant Level Goal):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**NA:** Not applicable

**ND (Not detected):** Indicates that the substance was not found by laboratory analysis.

**NR:** Not required

**NS:** No standard

**NTU (Nephelometric Turbidity Units):** Measurement of the clarity, or turbidity, of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

**pCi/L (picocuries per liter):** A measure of radioactivity.

**PDWS (Primary Drinking Water Standard):** MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

**PHG (Public Health Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California EPA.

**ppb (parts per billion):** One part substance per billion parts water (or micrograms per liter).

**ppm (parts per million):** One part substance per million parts water (or milligrams per liter).

**ppt (parts per trillion):** One part substance per trillion parts water (or nanograms per liter).

**TON (Threshold Odor Number):** A measure of odor in water.

**TT (Treatment Technique):** A required process intended to reduce the level of a contaminant in drinking water.

**µS/cm (microsiemens per centimeter):** A unit expressing the amount of electrical conductivity of a solution.

**OPERATIONS DEPARTMENT REPORT  
May, Monthly Report**

PROJECT NO.	PROJECT DESCRIPTION	STATUS
N/A	Watermain and water service repair	<u>Repair Water Service Leaks:</u> 20318 Elkwood Drive, 817 Crystal Water Lane, Walnut. 19242 Tranbarger Street, Rowland Heights. 21022 Costilla Drive, 22225 Rim Fire Lane, 23417 Wagon Trail Road, Diamond Bar. <u>Water Valves:</u> 20475 Yellow Brick Road, Diamond Bar <u>Replaced Angle Meter Stops:</u> 23027 Aspen Knoll Drive, Diamond Bar. <u>Copper Setter Replacement:</u> 1355 Carvin Avenue, Rowland Heights, 356 Gunsmoke Drive, 1152 Calbourne Drive, Diamond Bar. <u>Water Main Break:</u> 20470 Gartel Drive (hit 6" ACP), 20186 Fuerte Drive, Walnut (Fire Hydrant Bury) <u>Water System/Miscellaneous Work:</u> Oparc completed Fire Hydrant Routes: 11-3, 12-6, 12-7, 12-8, 12-9, 13-1 Spoils Hauled to Azusa Dump- 11 loads completed. Get Reads: M1/39, R1/4, W1/33, W2/321, W3/139, W4/30 Turn off's: M1/9, R1/0, W1/30, W2/35, W3/25, W4/25 Fire Flow Test 4310 Valley Blvd USA Removal District Wide.
	Repair of sheared blowoffs, fire hydrants and air-vac assemblies	1. 21700 Copley Drive, Diamond Bar (fire hydrant). 2. 21625 Valley Blvd, Industry (Grand & Valley- auto collision & hit fire hydrant) 3. 3003 Hollingworth Street, West Covina (Recycled blowoff). 4. 310 Paseo Tesoro, Walnut (Fire Hydrant)
PN 22-3730	2538 Sunbright Drive, Diamond Bar	Installed 1" copper setter
PN 21-3708	436 Navajo Springs Drive, Diamond Bar	Installed 1" copper setter
PN 21-3717	RCS Mixing System Terminal Storage	PM24/Outflow Analyzer installation is ongoing.
N/A	Production Facility Maintenance	<u>Pump and Motor Maintenance:</u> Tri County Pump installed Arbor Ridge No. 4 motor, Fernhollow 1050 Zone No.1 pump & motor, and Heidelberg 1040 Zone No. 3 motor. Tri County Pump picked up Portable Emergency Pump to make repairs on pump assembly. Parker Canyon relocated 1200 Zone No. 1 to position No. 4. and installed new MCC panel bucket for 1200 Zone pump No. 4. <u>Pump Station Maintenance:</u> Fernhollow 1050 Zone No.1 CLAVAl rebuilt. Heidelberg, removed suction pressure gauge and tubing, 1050 Zone No.3 complete. <u>Facility/Miscellaneous Work:</u> Emergency Response/SCADA outage drill. New Fuel Trailer wiring upgrades completed. ATG updated radios at Eldertree. Bourdet, installed 930 potable zone pressure transmitter. New Operator training, ongoing.
N/A	Total trihalomethanes (TTHMs) Graph	Water quality meets all state and federal standards. ELAP on site Lab Assessment completed.

**Hit Fire Hydrant**  
**Paseo Tesoro, Walnut**





**Hit Fire Hydrant**  
**Valley Blvd at Grand Ave, Walnut**



# WVWD – Staff Report



**TO:** Board of Directors  
**FROM:** General Manager  
**SUBMITTED BY:** Director of Administrative Services  
**DATE:** June 20, 2022  
**SUBJECT:** Proposed Telecommuting Policy Amendment

---

Action/Discussion     Fiscal Impact     Resolution     Information Only

---

## **Recommendation**

That the Board of Directors adopt the revision to the Telecommuting Policy as drafted by District staff and reviewed by labor counsel.

## **Background**

The Cellphone and Telecommunication Usage Policy was updated in May 2022 to provide eligible full-time employees, including General Employees Unit (GEU) employees, a reasonable reimbursement for the use of their personal cell phones for District business. The Telecommuting Policy was revised to reference the monthly technology allowance of \$50, the inclusion of an additional Alternate Worksite that is approved by the District, and clarifying language recommended by labor counsel.

If adopted by the Board of Directors, the amended policy will be revised and distributed to all employees.

## Attachments:

- *Draft Telecommuting Policy Amendment*

# WALNUT VALLEY WATER DISTRICT

## TELECOMMUTING POLICY

### 1. **INTRODUCTION:**

Walnut Valley Water District (the "District") considers working from an Alternative Worksite ([hereinafter "Telework"](#)) a viable alternative work arrangement (hereinafter "Telecommuting Policy") for certain District employees whose job duties are suited to such an arrangement. ~~Telework is a voluntary work alternative that may be appropriate for certain employees and certain jobs.~~ Telework is not an entitlement ~~and~~, is not a District-wide benefit. [The District retains the sole authority to approve or deny Telecommuting requests under this policy.](#) ~~and Telecommuting~~ does not change the District's employees' Terms and Conditions of Employment with the District. The success of the program will be evaluated based on productivity, ~~and seamless impact~~ to our members and staff, and ~~impact on our~~ [District's](#) collaborative culture.

### 2. **PURPOSE**

The purpose of the Telecommuting Policy is to allow certain employees, subject to their execution of a Teleworking Agreement, to Telecommute from an Alternative Worksite for some work hours and to ensure that, for the duration of such Telecommutework, employees perform their job duties [in a manner acceptable to the District](#), and in so doing provide quality work in a timely manner, and to the benefit of the public.

Telecommuting is voluntary and is considered on a case-by-case basis consistent with the mission of the District and the needs of the respective department. The District is not obligated to approve Telecommuting requests or assignments. The District, at its sole discretion, may require [Telecommuting](#) employees to [cease Telecommuting and](#) return to their District worksite at any time.

The District provides essential services to members of the community, and as a result there are positions at the District that require employees be physically present at District facilities. All Telecommuting requests must be pre-approved by the employee's supervisor, Department Head, and the General Manager.

### 3. **DEFINITIONS**

"Alternative Worksite" means the employee's home, ~~place of residence~~ [or another location approved by the District](#) other than the employee's normal workplace at a District worksite or facility.

"Telework(ing)/Telecommuting" means a work arrangement under which an employee works from their home, ~~place of residence~~ [or another location approved by the District other than the employee's normal workplace at a District's worksite or facility](#) ("Alternative Worksite") for a portion of their regularly scheduled work hours.

"Work Schedule" means the days and hours determined by supervisors and Department Heads during which non-exempt, overtime eligible employees should be in attendance at the Alternative Worksite. The Work Schedule shall provide for and include meal breaks



required under ~~applicable federal and state law as well as under~~ contract or pursuant to District policy.

“Central Workplace” means the District’s worksite or facilities and includes District offices.

#### 4. **ELIGIBILITY CRITERIA:**

The Department Head and supervisor possesses the discretionary authority to determine the job classifications, positions, and employees who are eligible to Telework under this policy. The employee’s supervisor and the Department Head may make such determination using criteria including, but not limited to, the following:

1. The employee’s length of employment of no less than one (1) year and their status as a Regular full-time employee;
2. The ability of the employee to perform their job duties (both essential and marginal) from an Alternative Worksite does not impede other employees or work groups from performing their job duties, does not impact the District’s business needs, or diminish the operations of the District;
3. Telecommuting does not reduce service to internal or external customers;
4. Prior annual job performance evaluation and/or job performance that meets or exceeds standards across all listed performance measures and demonstrates the employee’s ability to work independently;
5. Employee is self-motivated and demonstrates high dependability;
6. The operational needs of the department and the District;
7. The ability of the employee to perform their job duties from an Alternative Worksite Location without diminishing the quantity or quality of the work performed;
8. Whether the job can be done remotely without disruption to the flow of work and communication (e.g., availability by virtual meeting, phone, email, and shared servers can be accessed remotely);
9. The employee’s ability to create a functional, reliable, safe, and secure remote Alternative Worksite location;
10. The employee’s accessibility during their designated work schedule;
11. The employee’s supervisory responsibilities, if any;
12. The employee’s need for supervision;
13. Employee is not currently on a Performance Improvement Plan (PIP);
14. Duration of the request to Telecommute;
15. Other considerations deemed necessary and appropriate by the employee’s supervisor and/or Department Head or by the District.

It is essential that each department be staffed during normal business hours Monday thru Friday (except during the hour for lunch).

Telecommuting is voluntary and is approved and denied at the sole discretion of the District. Telecommuting is not permanent and may be discontinued at any time by the District without prior notice. ~~Telecommuting is~~ ~~and is not~~ a privilege, ~~or and not~~ a right. The decision to terminate Telecommuting is not subject to any grievance procedure or appeal process. A supervisor and/or Department Head may determine that some positions and/or individuals are not well suited for Telecommuting.

## 5. PROCEDURE FOR AN EMPLOYEE TO REQUEST TO TELECOMMUTE:

- A. To make a request for a ~~te~~teleworking arrangement, employees must complete and submit a voluntary Telecommuting Agreement (Appendix A) to their immediate supervisor for consideration and approval. The employee's supervisor will provide the requested form to the Department Head and will discuss the employee's request with the Department Head.
- B. Employees are encouraged to discuss expectations of working from an Alternative Workplace with other inhabitants of their residence, if any, prior to entering into a Teleworking trial period, ~~if the request is approved~~. The employee's ~~supervisor,~~ Department Head, and the General Manager must approve and sign off on the requested Work Schedule. Following approval by the employee, ~~the employee's supervisor,~~ the Department Head, and the General Manager, the Telecommuting Agreement shall be signed by the employee, the employee's supervisor, the Department Head and the General Manager signifying approval, and a 90-day trial period will commence.
- C. Evaluation of employee's performance during the Teleworking trial period will include interaction by phone and e-mail between the employee and the employee's supervisor, and face-to-face meetings to discuss work progress and problems, if any. At the conclusion of the 90-day trial period, the employee and employee's supervisor will each complete an evaluation of the Teleworking arrangement and make recommendations for continuance or modifications. Following the 90-day evaluation, the employee shall be evaluated during their Teleworking Work Schedule consistent with Quarterly and Annual Employee Performance and Development Plans.
- D. Telecommuting is limited to no more than 2 days per week for an employee on a 5-day work week (Monday-Friday) and no more than 1 day per week for an employee on a 4-day work week (Monday-Thursday), and shall be the same day each week. Telecommuting is not allowed on Mondays or Fridays or on the day before or after a paid holiday.
- E. District employees whose Teleworking request is approved must add the approved Work Schedule to the District Outlook calendar so that others can easily determine if the employee has taken a day off, is out of the office, is attending a virtual meeting, or working remotely teleworking. If you do not have access to the District calendar, please email the Administrative Support Department Executive Assistants and ask them to add it for you.

## **6. EMPLOYEE RESPONSIBILITIES:**

### **A. Performance Expectations**

1. ~~Teleworking employees authorized to perform work at an Alternative Worksite must meet the same standards of performance and professionalism expected of District employees who are not Teleworking in terms of job responsibilities, work product including quality and quantity of work, timeliness of assignments, and contact with other employees and members of the public. Expectations must be pre-established between Teleworking employees and supervisors regarding work assignment(s), productivity level, and productivity measurements to be used when employee is telecommuting. Timeliness, quality, and quantity of work must be maintained.~~
2. Attendance and punctuality that is observant of scheduled hours on a regular basis is an essential function of each classification and must be maintained during telecommuting.
3. Teleworking is not designed to be a replacement for appropriate childcare. The focus of the arrangement shall remain on job performance and meeting operational needs.
4. Employee agrees not to engage in employment activities other than District assignments during telecommuting hours.
5. Working from an Alternative Work Location inherently changes the workplace dynamic for employees. Teleworking employees must adhere to all District policies, practices, procedures, rules and regulations and applicable Terms and Conditions of Employment. All existing duties, obligations, responsibilities and conditions of employment remain the same.
6. Telecommuting must be approved before it commences. Each Telecommuting Agreement is only valid for the time period specified in the agreement. The agreement is invalid after this time unless the employee's supervisor approves an extension in writing.

### **B. Telecommuting Location**

Telecommuting work will be performed from the employee's home, ~~place of residence~~ or another location approved by the District. The Alternate Worksite must be maintained in a safe condition, free from hazards and obstructions.

Telecommuting employees must have access to an Alternative Worksite that is quiet and free of distractions and which has reliable and secure power, internet and/or wireless access. Telecommuting employees shall ensure that all official District documents are retained and maintained according to the normal operating procedures in the same manner as if working at a District worksite or facility. The Alternative Worksite shall be conducive to nine (9) hours of productive work time per work day.

### **C. Work Schedules and Time Worked**

1. Teleworking employees must be available during the business hours of 7:00 a.m. to 5:00 p.m., subject to the employee's schedule, to answer calls, respond to email, attend virtual meetings, etc.

2. Teleworking employees must report to the office if requested to do so by their supervisor or the District.
3. Non-exempt employees must take meal and rest breaks while ~~working~~ remotely Teleworking, just as they would if they were reporting to work at the Central Workplace. Non-exempt employees may not Telework outside their approved Teleworking Work Schedule.
4. Requests to work overtime or take a leave of absence from work must be pre-approved in writing by ~~each the~~ employee's supervisor. Failure to comply with this requirement may result in the immediate ~~action cessation~~ cancellation of the Telecommuting Agreement and/or disciplinary action.
5. All periods of an employee's unavailability must be approved in advance by the supervisor and in accordance with District policy.
6. Employees must promptly notify their supervisor when unable to perform work assignments because of equipment failure or other unforeseen circumstances.
7. Employees shall continue to abide by District policies, practices, procedures and applicable Terms and Conditions of Employment for requests of sick, vacation and other leaves of absences. If an employee becomes ill while Teleworking, they shall notify their supervisor immediately and record on their timesheet any hours not worked due to incapacitation.
8. Employees must be accessible via telephone, email, and/or network access to their supervisor and other District employees while Teleworking, as if working at the Central Workplace. Employees shall check their District-related business phone messages and emails on a consistent basis, as if working at the Central Workplace.
9. Employees shall work on a full-time basis, according to their assigned Work Schedule. Employees are required to maintain an accurate record of all hours worked at their Alternative Work Location. Upon the request of their supervisor, an employee ~~should~~ must be able to provide a detailed accounting of all hours worked.

#### **D. Employee Wages and Benefits**

The duties, obligations, responsibilities, and conditions of a District employee are not changed by telecommuting. Employee's wages, retirement, benefits, and insurance coverage remain unchanged.

The telecommuting employee remains obligated to comply with all District rules, policies, practices, and instructions. Violations may result in preclusion from telecommuting and/or disciplinary action, up to and including termination of employment.

Workers' Compensation benefits will apply only to injuries arising out of and in the course of employment as defined by Workers' Compensation law. The District shall not be responsible for injuries or property damage unrelated to such work activities, including injuries to third persons when said injuries occur at the Alternative Worksite. The District will not be liable for any injuries sustained by visitors or other third-persons at an employee's Alternative Worksite.

## 7. EQUIPMENT:

- A. Electronic equipment needed for employees to perform their work at the Alternative Worksite will be supplied by the District to the extent resources are available and based on operational need. Equipment supplied by the District is to be used for business purposes only and any personal use of the equipment will be incidental in nature. District equipment must be used and in accordance with the District's Computer Use Policy and any other policies, practices, procedures and applicable Terms and Conditions of Employment.
- B. The employee is responsible for ensuring that equipment is used properly. Employees will report to their supervisor any loss, damage, or unauthorized access to District-owned equipment immediately upon discovery of such loss, damage, or unauthorized access.
- C. The District will provide for maintenance and repairs to District equipment and retains ownership of all equipment and/or licenses provided.
- D. In the event of delay in repair or replacement of equipment or any other circumstance under which it would be ineffective for the employee to telecommute, the employee will return to the District work placea Central Worksite.
- E. All District-owned equipment issued to an employee must be returned when requested by the District and in good working order, when the Telecommuting Agreement ends, or upon employment separation. Additional equipment needed by the employee to Telework shall be supplied by the employee and at the employee's expense. However, the District provides eligible full-time District employees with a monthly allowance technology stipend of \$50.00 pursuant to the District's Cellphone and Telecommunication Usage Policy that an employee teleworking may use for their personal cell phone or electronic device-cellphone or other technology.
- F. Should it be required, employees may receive approval to use personal phones, computers, or other equipment at the discretion of the District. Equipment supplied by the employee, if deemed appropriate by the District, will be maintained by the employee. The District accepts no responsibility for damage or repairs to employee-owned equipment and reserves the right to make determinations as to appropriate equipment, subject to change at any time. Personal equipment used for District work purposes, may be subject to applicable state and federal law.
- G. The employee must complete the Authorization to Use District Property at an Alternative Worksite (Appendix B) and thereby agree to take appropriate action to protect the items from damage or theft.
- H. The District will provide employees with appropriate office supplies (pens, paper, etc.) as deemed necessary. Employees may obtain the needed supplies when at the District worksite or facilityCentral Workplace.
- I. The District will not be responsible for costs associated with the setup of the employee's home office or Alternative Worksite, such as remodeling, furniture or lighting, nor for repairs or modifications to the home office space. Normal household expenses associated with the Alternative Worksite, such as internet services and utilities (heat, electricity, etc.) are the sole responsibility of the employee and shall be non-reimbursable.

J. Employee's Alternative Worksite must have internet and cell service with sufficient speed/capacity to conduct work via computer and phone.

K. Employees should seek advice from a tax advisor if they have questions concerning the tax implications of teleworking. The District is not responsible for substantiating any employee's claim of tax deductions for operation of a Teleworking office used to perform District work.

## 8. **SECURITY:**

A. Consistent with the District's expectations of information security for employees working at a District worksite or facility, Telecommuting employees must ensure the protection of proprietary District and customer information accessible from their Alternative Worksite.

B. Employees shall exercise the same precautions to safeguard electronic and paper information, protect confidentiality, and adhere to the District's records retention policy, especially as it pertains to the California Public Records Act. [Telecommuting](#) Employees must safeguard all sensitive and confidential information (both on paper and in electronic form) relating to District work they access from their Alternative Worksite or transport from the Central Workplace to their Alternative Worksite. Employees must also take reasonable precautions to prevent third parties from accessing or handling sensitive and confidential District information the employee accesses from their Alternative Worksite or transport from the Central Workplace to their Alternative Worksite through the use of locked file cabinets and desks, regular password maintenance, and any other measures appropriate for the job and the environment.

C. Employees shall ensure that all official District documents are retained and maintained according to District policy and procedure in the same manner as if working at the Central Workplace.

D. Employees must return all records, documents, and correspondence to the District upon request from the District.

E. Employees may receive a virtual private network ("VPN") account, as approved by the District. Employees shall take reasonable precautions to ensure their devices (e.g., computers, laptops, tablets, smart phones, etc.) are secure before connecting remotely to the District's network and shall close or secure all connections to District desktop or system resources (e.g., remote desktop, VPN connections, etc.) when not conducting work for the District.

# **Telecommuting Policy**

## **Appendices**

- A. Voluntary Telecommuting Agreement
- B. Authorization to Use District Property at an Alternative Worksite



## Appendix A

### Voluntary Telecommuting Agreement

I, the undersigned Employee (“Employee”), have read the foregoing District’s Telecommuting Policy and this Voluntary Telecommuting Agreement (“Agreement”) in their entirety and I agree to abide by all of the terms and conditions they contain.

I understand and agree that the Agreement is temporary and time-limited, is contingent upon approval from my supervisor, the Department Head, and the General Manager. I understand that approval does not imply entitlement to a permanent change to my normal (i.e., non-telecommuting) working arrangement or a continued Telecommuting arrangement. I understand this Agreement does not change my obligation to report to my normal work location at the District if my supervisor requests that I do so.

I understand and agree that the Agreement is voluntary and may be terminated at any time at the sole discretion of the District. I understand that the District is not requiring that I telecommute as a term or condition of my employment with the District. I further understand that the District may, at any time, change any or all of the conditions under which approval to participate in the Agreement is granted, with or without notice and at the District’s exclusive discretion may modify the terms and conditions of my telecommuting arrangement.

I agree and understand my duties, obligations, and responsibilities as outlined in this Agreement, in the Telecommuting Policy generally, and specifically elsewhere, are unchanged and are the same as they are in my normal working arrangement. I agree to and understand that while I am telecommuting, I am subject to the same job responsibilities and standards of performance and productivity as if I am working at the District worksite; and all obligations, responsibilities, codes of conduct, laws, District policies, practices, procedures, and Terms and Conditions of Employment. I also understand it is my responsibility to provide adequate advance notification to my supervisor if I am unable to keep any of the agreed upon commitments and/or deliverables. If I fail to do so, I understand that the District may immediately terminate this Agreement at its sole discretion.

The Agreement is valid from \_\_\_\_\_ to \_\_\_\_\_. I understand this Agreement expires on \_\_\_\_\_ and may not continue unless the District approves a new Agreement or an extension to this Agreement in writing.

The District may rescind this Agreement at any time. I understand that in the event the District terminates the Agreement, the decision is final and there is no grievance procedure or appeal process.

I agree to the following work schedule while telecommuting:

**Central Workplace:** The days and hours that the District expects and/or permits the Employee to be physically present at the **Central Workplace** are the following:

Day	Morning		Lunch	Afternoon		Total Hours
	Start	End		Start	End	
Monday						
Tuesday						
Wednesday						
Thursday						
Friday						

Day	Morning		Lunch	Afternoon		Total Hours
	Start	End		Start	End	
Monday						
Tuesday						
Wednesday						
Thursday						

**Alternative Worksite:** The days and hours that the District expects and/or permits the Employee to be physically present at the **Alternative Worksite** are the following:

Day	Morning		Lunch	Afternoon		Total Hours
	Start	End		Start	End	
Monday						
Tuesday						
Wednesday						
Thursday						
Friday						

Day	Morning		Lunch	Afternoon		Total Hours
	Start	End		Start	End	
Monday						
Tuesday						
Wednesday						
Thursday						

The address of the Alternative Worksite is:

---

Street

---

City

State

Zip Code

---

Street

---

City

State

Zip Code

The phone number to reach Employee at the Alternative Worksite is:

\_\_\_\_\_.

I hereby affirm by my signature that I have read this Voluntary Telecommuting Agreement and understand and agree to all its provisions.

---

Employee Name and Signature

Date

---

Department Head Name and Signature

Date

---

General Manager's Signature

Date

**SUBMIT THE COMPLETED AGREEMENT TO HUMAN RESOURCES**

## Appendix B

### Authorization to Use District Property at an Alternative Worksite

**TERMS OF LOAN:** The District property described below is loaned to the employee named below for the mutual benefit of the employee and the District. The District property on loan to the employee is to be used primarily for official District business. Said property is subject to return at the end of the authorization period noted below. The District will not pay any transportation charges in connection with this authorization.

<b>Employee Name</b>		
<b>Location of Equipment (Address, City, State, Zip)</b>		
<u>Location of Equipment (Address, City, State, Zip)</u>		
<b>Computer Name</b>	<b>Equipment Serial No.</b>	<b>Equipment Description: make, model, condition of equipment</b>

I understand that this equipment is to be used primarily for official District business, and that any personal use of the equipment will be incidental in nature. I will exercise appropriate care and caution when using the equipment and in accordance with District policies, practices, procedures and applicable Terms and Conditions of Employment. In addition, I understand that all records related to the purchase, use, and disposition of this District-owned equipment, including cell phone statements, are the property of the District and potentially subject to disclosure under the California Public Records Act.

I further understand that I am responsible for safeguarding the equipment, including any data on the equipment, and controlling its use in accordance with District policies, practices, procedures and applicable Terms and Conditions of Employment. If the District determines that there is no longer an operational need for me to possess any of the listed equipment, or if I separate from employment with the District, I agree to return all equipment on or before my last day of employment.

\_\_\_\_\_  
Employee Name and Signature Date

\_\_\_\_\_  
Department Head Name and Signature Date

\_\_\_\_\_  
General Manager's Signature Date

**SUBMIT THE COMPLETED AUTHORIZATION TO HUMAN RESOURCES**

# WVWD – Staff Report



**TO:** Board of Directors  
**FROM:** General Manager  
**SUBMITTED BY:** Director of Administrative Services  
**DATE:** June 20, 2022  
**SUBJECT:** CalPERS Resolution No. 06-22-702 Authorizing an Amendment to the Contract

---

Action/Discussion     Fiscal Impact     Resolution     Information Only

---

## Recommendation

That the Board of Directors adopt the attached Resolution No. 06-22-702 to amend the District's Contract with the California Public Employees Retirement System (CalPERS) to include the following:

To provide Section 20516 (Employees Sharing Additional Cost) of 1% for classic local miscellaneous members in the Unrepresented General Employees Unit, Unrepresented Mid-Management and Unrepresented Executive Staff.

## Background

If Board adopts the attached Resolution Authorizing an Amendment to the Contract, the changes to the said contract will go into effect on July 1, 2022.

## Attachments

*Resolution No. 06-22-702 Authorizing an Amendment to the Contract*  
*Amendment to the Contract*

**WALNUT VALLEY WATER DISTRICT**

**RESOLUTION  
AUTHORIZING AN AMENDMENT TO THE CONTRACT**

No. 06-22-702

WHEREAS, the Board of Administration of the California Public Employees' Retirement System and the Board of Directors of the Walnut Valley Water District entered into a contract effective on December 27, 1997 providing for the participation of said public agency in the California Public Employees' Retirement System; and

WHEREAS, it is now desirable to take advantage of certain benefits provided under said Retirement System and not included in said contract;

NOW, THEREFORE, BE IT RESOLVED, that said governing body authorized, and it does hereby authorize, an amendment to said contract, a copy of said amendment attached hereto and by such reference made a part hereof as though herein set out in full; and

NOW, THEREFORE, BE IT FURTHER RESOLVED, that the presiding officer of said governing body is hereby authorized, empowered and directed to execute said amendment for and on behalf of said public agency.

Adopted this 20 day of June, 2022.

\_\_\_\_\_  
Presiding Officer

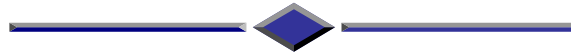
Attest:

\_\_\_\_\_  
Clerk/Secretary



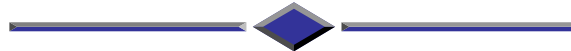


California  
Public Employees' Retirement System



# AMENDMENT TO CONTRACT

Between the  
**Board of Administration**  
**California Public Employees' Retirement System**  
and the  
**Board of Directors**  
**Walnut Valley Water District**



The Board of Administration, California Public Employees' Retirement System, hereinafter referred to as Board, and the governing body of the above public agency, hereinafter referred to as Public Agency, having entered into a contract effective December 27, 1997, and witnessed December 16, 1997, and as amended effective August 21, 1999, May 26, 2001, July 6, 2002, May 8, 2004, June 24, 2008, October 2, 2010, and June 26, 2021, which provides for participation of Public Agency in said System, Board and Public Agency hereby agree as follows:

- A. Paragraphs 1 through 15 are hereby stricken from said contract as executed effective June 26, 2021, and hereby replaced by the following paragraphs numbered 1 through 15 inclusive:
  1. All words and terms used herein which are defined in the Public Employees' Retirement Law shall have the meaning as defined therein unless otherwise specifically provided. "Normal retirement age" shall mean age 55 for classic local miscellaneous members and age 62 for new local miscellaneous members.
  2. Public Agency shall participate in the Public Employees' Retirement System from and after December 27, 1997, making its employees as hereinafter provided, members of said System subject to all provisions of the Public Employees' Retirement Law except such as apply only on election of a contracting agency and are not provided for herein and to all amendments to said Law hereafter enacted except those, which by express provisions thereof, apply only on the election of a contracting agency.

3. Public Agency agrees to indemnify, defend and hold harmless the California Public Employees' Retirement System (CalPERS) and its trustees, agents and employees, the CalPERS Board of Administration, and the California Public Employees' Retirement Fund from any claims, demands, actions, losses, liabilities, damages, judgments, expenses and costs, including but not limited to interest, penalties and attorney fees that may arise as a result of any of the following:
  - (a) Public Agency's election to provide retirement benefits, provisions or formulas under this Contract that are different than the retirement benefits, provisions or formulas provided under the Public Agency's prior non-CalPERS retirement program.
  - (b) Any dispute, disagreement, claim, or proceeding (including without limitation arbitration, administrative hearing, or litigation) between Public Agency and its employees (or their representatives) which relates to Public Agency's election to amend this Contract to provide retirement benefits, provisions or formulas that are different than such employees' existing retirement benefits, provisions or formulas.
  - (c) Public Agency's agreement with a third party other than CalPERS to provide retirement benefits, provisions, or formulas that are different than the retirement benefits, provisions or formulas provided under this Contract and provided for under the California Public Employees' Retirement Law.
4. Employees of Public Agency in the following classes shall become members of said Retirement System except such in each such class as are excluded by law or this agreement:
  - a. Employees other than local safety members (herein referred to as local miscellaneous members).
5. In addition to the classes of employees excluded from membership by said Retirement Law, the following classes of employees shall not become members of said Retirement System:
  - a. **SAFETY EMPLOYEES.**
6. Assets heretofore accumulated with respect to members in the local retirement system have been transferred to the Public Employees' Retirement System and applied against the liability for prior service incurred thereunder. That portion of the assets so transferred which represent the accumulated contributions (plus interest thereof) required of the employees under said local system has been credited to the individual membership account of each such employee under the Public Employees' Retirement System.

7. The percentage of final compensation to be provided for each year of credited prior and current service as a classic local miscellaneous member in employment before and not on or after July 6, 2002, shall be determined in accordance with Section 21354 of said Retirement Law (2% at age 55 Supplemental to Federal Social Security).
8. The percentage of final compensation to be provided for each year of credited prior and current service as a classic local miscellaneous member in employment on or after July 6, 2002, and not entering membership for the first time in the miscellaneous classification after October 2, 2010, shall be determined in accordance with Section 21354.5 of said Retirement Law (2.7% at age 55 Supplemental to Federal Social Security).
9. The percentage of final compensation to be provided for each year of credited current service as a classic local miscellaneous member entering membership for the first time in the miscellaneous classification after October 2, 2010, shall be determined in accordance with Section 21354 of said Retirement Law (2% at age 55 Supplemental to Federal Social Security).
10. The percentage of final compensation to be provided for each year of credited prior and current service as a new local miscellaneous member shall be determined in accordance with Section 7522.20 of said Retirement Law (2% at age 62 Supplemental to Federal Social Security).
11. Public Agency elected and elects to be subject to the following optional provisions:
  - a. Section 20042 (One-Year Final Compensation) for classic members only.
  - b. Section 21024 (Military Service Credit as Public Service).
  - c. Section 21551 (Continuation of Pre-Retirement Death Benefits After Remarriage of Survivor).
  - d. Section 21548 (Pre-Retirement Option 2W Death Benefit).
  - e. Section 21540.5 (Special Death Benefit – Violent Act).
  - f. Section 20938 (Limit Prior Service to Members Employed on Contract Date).
  - g. Section 21536 (Local System Service Credit Included in Basic Death Benefit).
  - h. Section 21335 (3% Cost-of-Living Allowance, base year 2002).
  - i. Section 21623.5 (\$5,000 Retired Death Benefit).

- j. Section 21427 (Improved Nonindustrial Disability Allowance).
- k. Section 21118 (Partial Service Retirement).
- l. Section 20475 (Different Level of Benefits): Section 21354 (2% @ 55 Supplemental formula) is applicable to classic local miscellaneous members entering membership for the first time with this agency in the miscellaneous classification after October 2, 2010.
- m. Section 20516 (Employees Sharing Additional Cost):

From and after June 26, 2021, and until the effective date of this amendment to contract, 1% for classic local miscellaneous members in the Unrepresented General Employees Unit, Unrepresented Mid-Management and Unrepresented Executive Staff.

From and after the effective date of this amendment to contract, 2% for classic local miscellaneous members in the Unrepresented General Employees Unit, Unrepresented Mid-Management and Unrepresented Executive Staff.

The portion of the employer's contribution that the member agrees to contribute from his or her compensation, over and above the member's normal contribution ("Cost Sharing Percentage"), shall not exceed the Employer Normal Cost Rate, as that rate is defined in the CalPERS Actuarial Valuation for the relevant fiscal year. If the Cost Sharing Percentage will exceed the relevant Employer Normal Cost Rate, the Cost Sharing Percentage shall automatically be reduced to an amount equal to, and not to exceed, the Employer Normal Cost Rate for the relevant fiscal year.

- 12. Public Agency shall contribute to said Retirement System the contributions determined by actuarial valuations of prior and future service liability with respect to local miscellaneous members of said Retirement System.
- 13. Public Agency shall also contribute to said Retirement System as follows:
  - a. A reasonable amount, as fixed by the Board, payable in one installment within 60 days of date of contract to cover the costs of administering said System as it affects the employees of Public Agency, not including the costs of special valuations or of the periodic investigation and valuations required by law.
  - b. A reasonable amount, as fixed by the Board, payable in one installment as the occasions arise, to cover the costs of special valuations on account of employees of Public Agency, and costs of the periodic investigation and valuations required by law.

14. Contributions required of Public Agency and its employees shall be subject to adjustment by Board on account of amendments to the Public Employees' Retirement Law, and on account of the experience under the Retirement System as determined by the periodic investigation and valuation required by said Retirement Law.
15. Contributions required of Public Agency and its employees shall be paid by Public Agency to the Retirement System within fifteen days after the end of the period to which said contributions refer or as may be prescribed by Board regulation. If more or less than the correct amount of contributions is paid for any period, proper adjustment shall be made in connection with subsequent remittances. Adjustments on account of errors in contributions required of any employee may be made by direct payments between the employee and the Board.

B. This amendment shall be effective on the 25th day of June, 2022.

BOARD OF ADMINISTRATION  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM

BOARD OF DIRECTORS  
WALNUT VALLEY WATER DISTRICT

BY \_\_\_\_\_  
MELODY BENAVIDES, CHIEF  
PENSION CONTRACTS AND PREFUNDING  
PROGRAMS DIVISION  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM

BY \_\_\_\_\_  
PRESIDING OFFICER

\_\_\_\_\_  
Witness Date

Attest:

\_\_\_\_\_  
Clerk



# Walnut Valley Water District Consolidated - Account #10076

## MONTHLY ACCOUNT STATEMENT

MAY 1, 2022 THROUGH MAY 31, 2022

### Chandler Team:

For questions about your account, please call (800) 317-4747,  
or contact [operations@chandlerasset.com](mailto:operations@chandlerasset.com)

### Custodian

Bank of New York Mellon Trust Company  
Amy Kung  
(213) 630-6374

**CHANDLER ASSET MANAGEMENT**  
chandlerasset.com

*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.*





**PORTFOLIO CHARACTERISTICS**

Average Modified Duration	1.77
Average Coupon	1.34%
Average Purchase YTM	1.35%
Average Market YTM	1.98%
Average S&P/Moody Rating	AA/Aa1
Average Final Maturity	1.84 yrs
Average Life	1.79 yrs

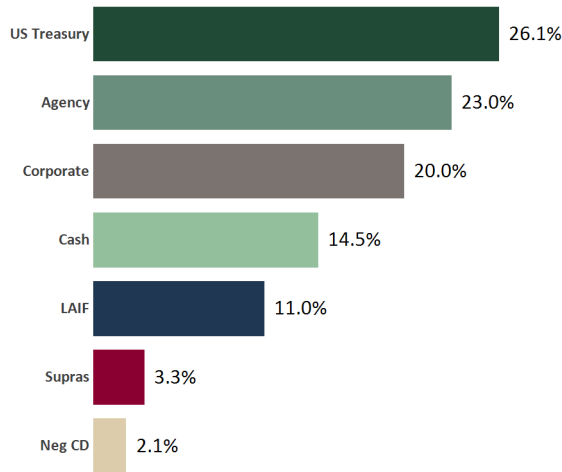
**ACCOUNT SUMMARY**

	Beg. Values as of 4/30/22	End Values as of 5/31/22
Market Value	45,740,157	45,928,384
Accrued Interest	146,702	166,209
<b>Total Market Value</b>	<b>45,886,859</b>	<b>46,094,593</b>
Income Earned	52,205	53,250
Cont/WD		
Par	47,088,069	47,145,006
Book Value	47,047,725	47,105,324
Cost Value	47,054,856	47,111,793

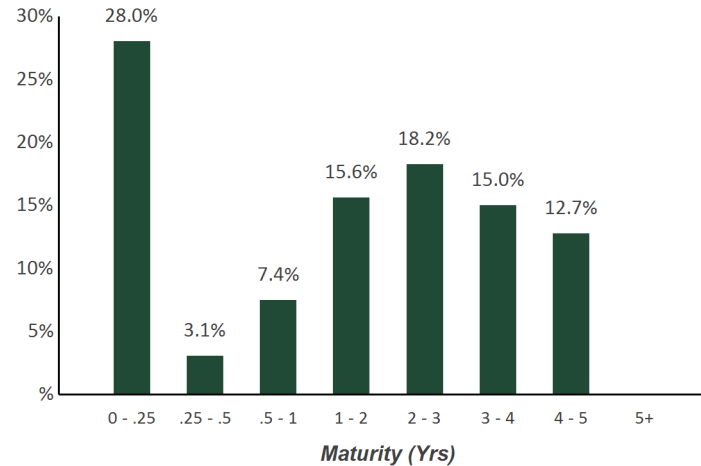
**TOP ISSUERS**

Government of United States	26.1%
Bank Cash Account	14.5%
Local Agency Investment Fund	11.0%
Federal Home Loan Bank	10.9%
Federal National Mortgage Assoc	7.1%
Federal Home Loan Mortgage Corp	3.5%
Inter-American Dev Bank	2.1%
Federal Farm Credit Bank	1.6%
<b>Total</b>	<b>76.7%</b>

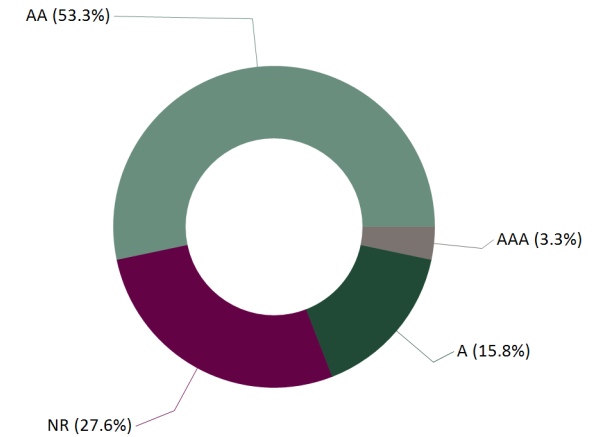
**SECTOR ALLOCATION**



**MATURITY DISTRIBUTION**



**CREDIT QUALITY (S&P)**





**PORTFOLIO CHARACTERISTICS**

Average Modified Duration	2.37
Average Coupon	1.69%
Average Purchase YTM	1.71%
Average Market YTM	2.57%
Average S&P/Moody Rating	AA/Aa1
Average Final Maturity	2.46 yrs
Average Life	2.45 yrs

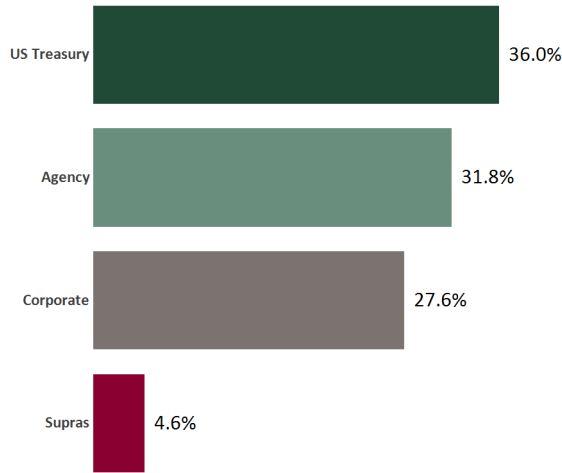
**ACCOUNT SUMMARY**

	Beg. Values as of 4/30/22	End Values as of 5/31/22
Market Value	33,103,326	33,219,329
Accrued Interest	140,821	158,696
<b>Total Market Value</b>	<b>33,244,147</b>	<b>33,378,025</b>
Income Earned	48,622	49,219
Cont/WD		-47,291
Par	34,431,609	34,415,000
Book Value	34,391,265	34,375,318
Cost Value	34,398,397	34,381,787

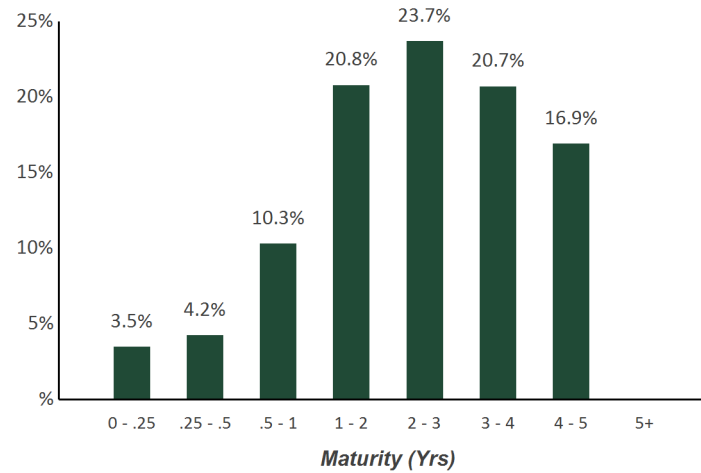
**TOP ISSUERS**

Government of United States	36.0%
Federal Home Loan Bank	15.0%
Federal National Mortgage Assoc	9.8%
Federal Home Loan Mortgage Corp	4.8%
Inter-American Dev Bank	2.9%
Federal Farm Credit Bank	2.3%
Intl Bank Recon and Development	1.7%
Wal-Mart Stores	1.5%
<b>Total</b>	<b>73.9%</b>

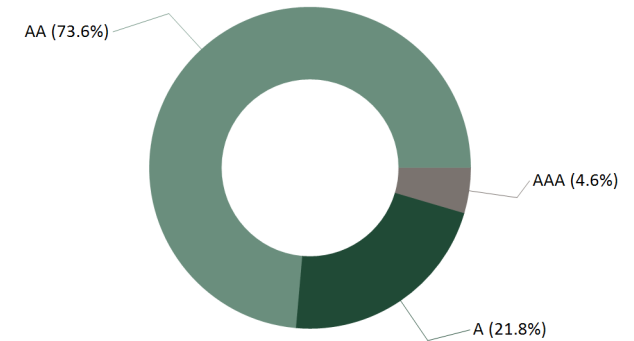
**SECTOR ALLOCATION**



**MATURITY DISTRIBUTION**



**CREDIT QUALITY (S&P)**



**PERFORMANCE REVIEW**

TOTAL RATE OF RETURN	Annualized									
	1M	3M	YTD	1YR	2YRS	3YRS	5YRS	10YRS	7/31/2009	
Walnut Valley Water District	0.54%	-2.00%	-3.32%	-4.10%	-1.80%	0.62%	1.18%	1.15%	1.44%	
ICE BofA 1-5 Yr US Treasury & Agency Index*	0.60%	-2.09%	-3.39%	-4.26%	-2.14%	0.45%	1.00%	0.95%	1.24%	

\*ICE BofA 1-3 Yr US Treasury Index to 8/31/10



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
<b>AGENCY</b>									
313383YJ4	FHLB Note 3.375% Due 9/8/2023	625,000.00	09/28/2018 3.05%	634,237.50 627,378.58	101.34 2.29%	633,395.63 4,863.28	1.38% 6,017.05	Aaa / AA+ NR	1.27 1.23
3135G0U43	FNMA Note 2.875% Due 9/12/2023	750,000.00	10/30/2018 3.04%	744,405.00 748,526.47	100.71 2.30%	755,350.50 4,731.77	1.65% 6,824.03	Aaa / AA+ AAA	1.28 1.25
3130A0F70	FHLB Note 3.375% Due 12/8/2023	750,000.00	12/13/2018 2.93%	765,270.00 754,656.51	101.40 2.43%	760,505.25 12,164.06	1.68% 5,848.74	Aaa / AA+ AAA	1.52 1.45
3135G0V34	FNMA Note 2.5% Due 2/5/2024	575,000.00	03/06/2019 2.60%	572,263.00 574,063.78	99.94 2.54%	574,626.25 4,631.94	1.26% 562.47	Aaa / AA+ AAA	1.68 1.62
3130AFW94	FHLB Note 2.5% Due 2/13/2024	500,000.00	02/28/2019 2.61%	497,510.00 499,144.32	100.14 2.41%	500,706.50 3,750.00	1.09% 1,562.18	Aaa / AA+ AAA	1.71 1.64
3130AB3H7	FHLB Note 2.375% Due 3/8/2024	600,000.00	05/01/2019 2.35%	600,600.00 600,218.74	99.68 2.56%	598,084.80 3,285.42	1.30% (2,133.94)	Aaa / AA+ NR	1.77 1.71
3133EKNX0	FFCB Note 2.16% Due 6/3/2024	750,000.00	07/02/2019 1.88%	759,847.50 754,016.82	99.48 2.43%	746,068.50 8,010.00	1.64% (7,948.32)	Aaa / AA+ AAA	2.01 1.93
3130A1XJ2	FHLB Note 2.875% Due 6/14/2024	650,000.00	06/26/2019 1.85%	681,427.50 662,889.78	100.60 2.57%	653,872.05 8,668.92	1.44% (9,017.73)	Aaa / AA+ NR	2.04 1.94
3130A3GE8	FHLB Note 2.75% Due 12/13/2024	700,000.00	12/23/2019 1.77%	732,445.00 716,544.09	100.11 2.70%	700,795.90 8,983.33	1.54% (15,748.19)	Aaa / AA+ NR	2.54 2.40
3135G0X24	FNMA Note 1.625% Due 1/7/2025	600,000.00	02/14/2020 1.48%	604,074.00 602,170.52	97.32 2.70%	583,899.60 3,900.00	1.28% (18,270.92)	Aaa / AA+ AAA	2.61 2.51
3137EAEPO	FHLMC Note 1.5% Due 2/12/2025	600,000.00	02/14/2020 1.48%	600,486.00 600,263.42	96.78 2.75%	580,651.20 2,725.00	1.27% (19,612.22)	Aaa / AA+ AAA	2.71 2.60
3135G03U5	FNMA Note 0.625% Due 4/22/2025	800,000.00	Various 0.53%	803,537.00 802,099.82	94.09 2.77%	752,689.60 541.67	1.63% (49,410.22)	Aaa / AA+ AAA	2.90 2.83
3130AJKW8	FHLB Note 0.5% Due 6/13/2025	600,000.00	06/10/2020 0.54%	598,866.00 599,311.14	93.58 2.72%	561,466.20 1,400.00	1.22% (37,844.94)	Aaa / AA+ AAA	3.04 2.97
3137EAEU9	FHLMC Note 0.375% Due 7/21/2025	400,000.00	08/12/2020 0.45%	398,456.00 399,018.62	92.86 2.76%	371,458.40 541.67	0.81% (27,560.22)	Aaa / AA+ AAA	3.14 3.08
3137EAEX3	FHLMC Note 0.375% Due 9/23/2025	700,000.00	10/07/2020 0.50%	695,758.00 697,165.75	92.41 2.79%	646,835.00 495.83	1.40% (50,330.75)	Aaa / AA+ AAA	3.32 3.25
3135G06G3	FNMA Note 0.5% Due 11/7/2025	625,000.00	11/18/2020 0.51%	624,775.00 624,844.34	92.56 2.79%	578,500.00 208.33	1.26% (46,344.34)	Aaa / AA+ AAA	3.44 3.36



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
<b>AGENCY</b>									
3130AKFA9	FHLB Note 0.375% Due 12/12/2025	600,000.00	01/05/2021 0.42%	598,680.00 599,054.53	91.88 2.81%	551,263.80 1,056.25	1.20% (47,790.73)	Aaa / AA+ NR	3.54 3.45
<b>Total Agency</b>		<b>10,825,000.00</b>	<b>1.67%</b>	<b>10,912,637.50</b> <b>10,861,367.23</b>	<b>2.60%</b>	<b>10,550,169.18</b> <b>69,957.47</b>	<b>23.04%</b> <b>(311,198.05)</b>	<b>Aaa / AA+</b> <b>AAA</b>	<b>2.34</b> <b>2.26</b>
<b>CASH</b>									
90CASH\$00	Cash Custodial Cash Account	6,674,241.98	Various 0.00%	6,674,241.98 6,674,241.98	1.00 0.00%	6,674,241.98 0.00	14.48% 0.00	NR / NR NR	0.00 0.00
<b>Total Cash</b>		<b>6,674,241.98</b>	<b>N/A</b>	<b>6,674,241.98</b>	<b>0.00%</b>	<b>6,674,241.98</b> <b>0.00</b>	<b>14.48%</b> <b>0.00</b>	<b>NR / NR</b> <b>NR</b>	<b>0.00</b> <b>0.00</b>
<b>CORPORATE</b>									
69353RFE3	PNC Bank Callable Note Cont 6/28/2022 2.45% Due 7/28/2022	500,000.00	07/26/2017 2.42%	500,650.00 500,009.77	100.08 1.29%	500,412.50 4,185.42	1.09% 402.73	A2 / A A+	0.16 0.08
037833DC1	Apple Inc Callable Note Cont 8/12/2022 2.1% Due 9/12/2022	500,000.00	09/21/2017 2.29%	495,540.00 499,746.62	100.13 1.44%	500,629.00 2,304.17	1.09% 882.38	Aaa / AA+ NR	0.28 0.20
808513AT2	Charles Schwab Corp Callable Note Cont 12/25/2022 2.65% Due 1/25/2023	500,000.00	10/30/2018 3.51%	483,170.00 497,409.09	100.19 2.30%	500,931.00 4,637.50	1.10% 3,521.91	A2 / A A	0.65 0.56
46625HJH4	JP Morgan Chase Note 3.2% Due 1/25/2023	500,000.00	08/06/2019 2.18%	516,975.00 503,191.19	100.76 2.02%	503,794.00 5,600.00	1.11% 602.81	A2 / A- AA-	0.65 0.64
24422ERT8	John Deere Capital Corp Note 2.8% Due 1/27/2023	450,000.00	04/11/2018 3.17%	442,606.50 448,986.03	100.23 2.45%	451,024.20 4,340.00	0.99% 2,038.17	A2 / A A	0.66 0.64
084670BR8	Berkshire Hathaway Callable Note Cont 1/15/2023 2.75% Due 3/15/2023	500,000.00	Various 3.04%	493,706.00 498,920.23	100.44 2.03%	502,190.00 2,902.78	1.10% 3,269.77	Aa2 / AA A+	0.79 0.61
911312BK1	UPS Callable Note Cont 3/1/2023 2.5% Due 4/1/2023	450,000.00	04/11/2018 3.11%	437,413.50 447,890.69	100.15 2.29%	450,654.75 1,875.00	0.98% 2,764.06	A2 / A NR	0.84 0.74
58933YAF2	Merck & Co Note 2.8% Due 5/18/2023	250,000.00	08/06/2019 1.89%	258,235.00 252,096.07	100.40 2.38%	250,990.50 252.78	0.55% (1,105.57)	A1 / A+ A+	0.96 0.95



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
<b>CORPORATE</b>									
931142EK5	Wal-Mart Stores Callable Note Cont 5/26/2023 3.4% Due 6/26/2023	500,000.00	07/31/2018 3.26%	503,095.00 500,632.03	101.22 2.14%	506,089.50 7,319.44	1.11% 5,457.47	Aa2 / AA AA	1.07 0.96
02665WCJ8	American Honda Finance Note 3.45% Due 7/14/2023	400,000.00	07/31/2018 3.38%	401,336.00 400,301.65	100.92 2.61%	403,678.80 5,251.67	0.89% 3,377.15	A3 / A- A	1.12 1.08
89236TFN0	Toyota Motor Credit Corp Note 3.45% Due 9/20/2023	450,000.00	01/16/2019 3.38%	451,318.50 450,367.88	101.17 2.53%	455,245.20 3,061.88	0.99% 4,877.32	A1 / A+ A+	1.31 1.26
91159HHV5	US Bancorp Callable Note Cont 1/5/2024 3.375% Due 2/5/2024	500,000.00	12/23/2019 2.11%	524,265.00 509,616.92	100.61 2.97%	503,071.00 5,437.50	1.10% (6,545.92)	A2 / A+ A+	1.68 1.53
06051GHF9	Bank of America Corp Callable Note 1X 3/5/2023 3.55% Due 3/5/2024	450,000.00	05/30/2019 2.90%	458,955.00 453,314.95	100.42 2.73%	451,867.50 3,816.25	0.99% (1,447.45)	A2 / A- AA-	1.76 1.69
14913R2L0	Caterpillar Financial Service Note 0.45% Due 5/17/2024	350,000.00	05/12/2021 0.51%	349,426.00 349,625.01	95.48 2.84%	334,176.15 61.25	0.73% (15,448.86)	A2 / A A	1.96 1.93
06367WB85	Bank of Montreal Note 1.85% Due 5/1/2025	400,000.00	02/15/2022 2.25%	395,048.00 395,488.55	95.35 3.54%	381,408.80 616.67	0.83% (14,079.75)	A2 / A- AA-	2.92 2.80
717081EX7	Pfizer Inc. Callable Note Cont 4/28/2025 0.8% Due 5/28/2025	400,000.00	05/26/2020 0.83%	399,376.00 399,626.83	94.10 2.87%	376,380.00 26.67	0.82% (23,246.83)	A2 / A+ A	2.99 2.92
78015K7H1	Royal Bank of Canada Note 1.15% Due 6/10/2025	400,000.00	05/20/2021 0.96%	403,072.00 402,296.73	93.33 3.49%	373,315.60 2,185.00	0.81% (28,981.13)	A1 / A AA-	3.03 2.91
89114TZD7	Toronto-Dominion Bank Note 1.2% Due 6/3/2026	400,000.00	08/11/2021 1.12%	401,416.00 401,180.40	90.78 3.70%	363,104.80 2,373.33	0.79% (38,075.60)	A1 / A AA-	4.01 3.82
87612EBM7	Target Corp Callable Note Cont 12/15/2026 1.95% Due 1/15/2027	500,000.00	01/24/2022 1.87%	501,865.00 501,733.28	94.49 3.24%	472,425.00 3,439.58	1.03% (29,308.28)	A2 / A A	4.63 4.33
06406RBA4	Bank of NY Mellon Corp Callable Note Cont 12/26/2026 2.05% Due 1/26/2027	500,000.00	01/26/2022 2.03%	500,400.00 500,372.34	93.69 3.53%	468,445.50 3,559.03	1.02% (31,926.84)	A1 / A AA-	4.66 4.34
023135CF1	Amazon.com Inc Callable Note Cont 03/13/2027 3.3% Due 4/13/2027	400,000.00	04/26/2022 3.26%	400,788.00 400,772.95	99.81 3.34%	399,233.60 1,760.00	0.87% (1,539.35)	A1 / AA AA-	4.87 4.37
<b>Total Corporate</b>		<b>9,300,000.00</b>	<b>2.41%</b>	<b>9,318,656.50</b> <b>9,313,579.21</b>	<b>2.61%</b>	<b>9,149,067.40</b> <b>65,005.92</b>	<b>19.99%</b> <b>(164,511.81)</b>	<b>A1 / A+</b> <b>A+</b>	<b>1.88</b> <b>1.75</b>



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
<b>LAIF</b>									
90LAIF\$00	Local Agency Investment Fund State Pool	5,064,763.55	Various 0.73%	5,064,763.55 5,064,763.55	1.00 0.73%	5,064,763.55 5,151.22	11.00% 0.00	NR / NR NR	0.00 0.00
<b>Total LAIF</b>		<b>5,064,763.55</b>	<b>0.73%</b>	<b>5,064,763.55</b>	<b>0.73%</b>	<b>5,064,763.55</b> <b>5,151.22</b>	<b>11.00%</b> <b>0.00</b>	<b>NR / NR</b> <b>NR</b>	<b>0.00</b> <b>0.00</b>
<b>NEGOTIABLE CD</b>									
14042TBL0	Capital One Bank USA NA Negotiable CD 2.2% Due 8/7/2023	247,000.00	08/06/2019 2.20%	247,000.00 247,000.00	100.00 2.20%	247,000.00 1,697.19	0.54% 0.00	NR / NR NR	1.19 1.16
7954506L4	Sallie Mae Bank Negotiable CD 0.85% Due 5/27/2025	248,000.00	05/27/2020 0.85%	248,000.00 248,000.00	100.00 0.85%	248,000.00 28.88	0.54% 0.00	NR / NR NR	2.99 2.95
856285TQ4	STATE BANK OF INDIA Negotiable CD 1.1% Due 5/28/2025	248,000.00	05/28/2020 1.10%	248,000.00 248,000.00	100.00 1.10%	248,000.00 29.90	0.54% 0.00	NR / NR NR	2.99 2.94
38149MZJ5	Goldman Sachs Bank USA Negotiable CD 1.05% Due 9/8/2026	248,000.00	08/25/2021 1.05%	248,000.00 248,000.00	91.55 3.18%	227,049.46 606.41	0.49% (20,950.54)	NR / NR NR	4.28 4.11
<b>Total Negotiable CD</b>		<b>991,000.00</b>	<b>1.30%</b>	<b>991,000.00</b>	<b>1.80%</b>	<b>970,049.46</b> <b>2,362.38</b>	<b>2.11%</b> <b>(20,950.54)</b>	<b>NR / NR</b> <b>NR</b>	<b>2.83</b> <b>2.76</b>
<b>SUPRANATIONAL</b>									
4581X0CZ9	Inter-American Dev Bank Note 1.75% Due 9/14/2022	500,000.00	08/14/2018 2.91%	477,871.50 498,440.61	100.10 1.39%	500,503.50 1,871.53	1.09% 2,062.89	Aaa / AAA AAA	0.29 0.28
459058JL8	Intl. Bank Recon & Development Note 0.5% Due 10/28/2025	600,000.00	12/14/2020 0.48%	600,516.00 600,361.52	92.44 2.84%	554,667.60 275.00	1.20% (45,693.92)	Aaa / AAA AAA	3.41 3.33
4581X0DV7	Inter-American Dev Bank Note 0.875% Due 4/20/2026	500,000.00	04/27/2021 0.94%	498,425.00 498,769.99	92.57 2.91%	462,846.00 498.26	1.01% (35,923.99)	Aaa / AAA AAA	3.89 3.77
<b>Total Supranational</b>		<b>1,600,000.00</b>	<b>1.38%</b>	<b>1,576,812.50</b> <b>1,597,572.12</b>	<b>2.38%</b>	<b>1,518,017.10</b> <b>2,644.79</b>	<b>3.30%</b> <b>(79,555.02)</b>	<b>Aaa / AAA</b> <b>AAA</b>	<b>2.53</b> <b>2.46</b>
<b>US TREASURY</b>									
912828XW5	US Treasury Note 1.75% Due 6/30/2022	650,000.00	Various 1.81%	648,238.51 649,970.55	100.07 0.92%	650,441.35 4,776.24	1.42% 470.80	Aaa / AA+ AAA	0.08 0.08





CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
<b>US TREASURY</b>									
9128283C2	US Treasury Note 2% Due 10/31/2022	400,000.00	02/27/2018 2.60%	389,468.75 399,061.14	100.20 1.51%	400,812.40 695.65	0.87% 1,751.26	Aaa / AA+ AAA	0.42 0.41
912828M80	US Treasury Note 2% Due 11/30/2022	750,000.00	10/30/2018 2.92%	723,515.63 746,767.17	100.19 1.61%	751,435.50 40.98	1.63% 4,668.33	Aaa / AA+ AAA	0.50 0.50
912828X70	US Treasury Note 2% Due 4/30/2024	400,000.00	07/02/2019 1.78%	404,125.00 401,635.49	99.09 2.49%	396,343.60 695.65	0.86% (5,291.89)	Aaa / AA+ AAA	1.92 1.86
9128282U3	US Treasury Note 1.875% Due 8/31/2024	575,000.00	03/04/2020 0.72%	604,311.52 589,691.51	98.41 2.61%	565,835.65 2,724.61	1.23% (23,855.86)	Aaa / AA+ AAA	2.25 2.18
912828YM6	US Treasury Note 1.5% Due 10/31/2024	600,000.00	02/15/2022 1.74%	596,203.13 596,606.64	97.36 2.64%	584,133.00 782.61	1.27% (12,473.64)	Aaa / AA+ AAA	2.42 2.35
912828YV6	US Treasury Note 1.5% Due 11/30/2024	700,000.00	12/23/2019 1.72%	692,808.59 696,358.43	97.20 2.67%	680,367.10 28.69	1.48% (15,991.33)	Aaa / AA+ AAA	2.50 2.43
912828Z52	US Treasury Note 1.375% Due 1/31/2025	575,000.00	03/04/2020 0.71%	593,328.13 584,966.50	96.64 2.69%	555,661.03 2,642.70	1.21% (29,305.47)	Aaa / AA+ AAA	2.67 2.58
912828ZF0	US Treasury Note 0.5% Due 3/31/2025	750,000.00	03/26/2020 0.50%	749,912.11 749,950.20	93.99 2.72%	704,941.50 635.25	1.53% (45,008.70)	Aaa / AA+ AAA	2.84 2.78
91282CAT8	US Treasury Note 0.25% Due 10/31/2025	700,000.00	02/16/2021 0.51%	691,605.47 693,894.89	91.82 2.78%	642,714.80 152.17	1.39% (51,180.09)	Aaa / AA+ AAA	3.42 3.36
91282CBC4	US Treasury Note 0.375% Due 12/31/2025	700,000.00	01/12/2021 0.52%	694,968.75 696,367.40	91.79 2.80%	642,523.70 1,102.21	1.40% (53,843.70)	Aaa / AA+ AAA	3.59 3.51
91282CBH3	US Treasury Note 0.375% Due 1/31/2026	550,000.00	03/22/2021 0.85%	537,625.00 540,652.48	91.59 2.80%	503,743.90 689.40	1.09% (36,908.58)	Aaa / AA+ AAA	3.67 3.59
91282CBQ3	US Treasury Note 0.5% Due 2/28/2026	650,000.00	03/09/2021 0.83%	639,589.84 642,149.34	91.82 2.81%	596,806.60 821.33	1.30% (45,342.74)	Aaa / AA+ AAA	3.75 3.66
91282CBT7	US Treasury Note 0.75% Due 3/31/2026	440,000.00	03/29/2021 0.88%	437,301.56 437,932.58	92.56 2.81%	407,257.84 559.02	0.88% (30,674.74)	Aaa / AA+ AAA	3.84 3.73
91282CCF6	US Treasury Note 0.75% Due 5/31/2026	850,000.00	06/28/2021 0.88%	844,820.31 845,791.68	92.21 2.82%	783,825.80 17.42	1.70% (61,965.88)	Aaa / AA+ AAA	4.00 3.89
91282CCP4	US Treasury Note 0.625% Due 7/31/2026	750,000.00	10/08/2021 1.02%	736,171.88 738,001.96	91.39 2.83%	685,429.50 1,566.82	1.49% (52,572.46)	Aaa / AA+ AAA	4.17 4.05
91282CCW9	US Treasury Note 0.75% Due 8/31/2026	850,000.00	09/28/2021 1.00%	839,939.45 841,311.09	91.74 2.83%	779,775.55 1,611.07	1.70% (61,535.54)	Aaa / AA+ AAA	4.25 4.12



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
<b>US TREASURY</b>									
91282CCZ2	US Treasury Note 0.875% Due 9/30/2026	650,000.00	12/29/2021 1.26%	638,447.27 639,459.97	92.07 2.83%	598,482.30 963.46	1.30% (40,977.67)	Aaa / AA+ AAA	4.34 4.19
91282CDG3	US Treasury Note 1.125% Due 10/31/2026	575,000.00	11/29/2021 1.18%	573,472.66 573,628.29	92.97 2.83%	534,570.60 562.50	1.16% (39,057.69)	Aaa / AA+ AAA	4.42 4.25
91282CDK4	US Treasury Note 1.25% Due 11/30/2026	575,000.00	04/26/2022 2.76%	537,827.15 538,602.51	93.39 2.83%	536,973.53 19.64	1.16% (1,628.98)	Aaa / AA+ AAA	4.50 4.32
<b>Total US Treasury</b>		<b>12,690,000.00</b>	<b>1.27%</b>	<b>12,573,680.71</b> <b>12,602,799.82</b>	<b>2.54%</b>	<b>12,002,075.25</b> <b>21,087.42</b>	<b>26.08%</b> <b>(600,724.57)</b>	<b>Aaa / AA+</b> <b>AAA</b>	<b>3.01</b> <b>2.92</b>
<b>TOTAL PORTFOLIO</b>		<b>47,145,005.53</b>	<b>1.35%</b>	<b>47,111,792.74</b> <b>47,105,323.91</b>	<b>1.98%</b>	<b>45,928,383.92</b> <b>166,209.20</b>	<b>100.00%</b> <b>(1,176,939.99)</b>	<b>Aa1 / AA</b> <b>AAA</b>	<b>1.84</b> <b>1.77</b>
<b>TOTAL MARKET VALUE PLUS ACCRUED</b>						<b>46,094,593.12</b>			



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
<b>ACQUISITIONS</b>										
Purchase	05/01/2022	60934N807	3,700.00	Federated Investors Govt Oblig Fund Inst.	1.000	0.01%	3,700.00	0.00	3,700.00	0.00
Purchase	05/03/2022	60934N807	0.15	Federated Investors Govt Oblig Fund Inst.	1.000	0.01%	0.15	0.00	0.15	0.00
Purchase	05/07/2022	60934N807	1,562.50	Federated Investors Govt Oblig Fund Inst.	1.000	0.01%	1,562.50	0.00	1,562.50	0.00
Purchase	05/17/2022	60934N807	787.50	Federated Investors Govt Oblig Fund Inst.	1.000	0.01%	787.50	0.00	787.50	0.00
Purchase	05/18/2022	60934N807	3,500.00	Federated Investors Govt Oblig Fund Inst.	1.000	0.01%	3,500.00	0.00	3,500.00	0.00
Purchase	05/28/2022	60934N807	1,600.00	Federated Investors Govt Oblig Fund Inst.	1.000	0.01%	1,600.00	0.00	1,600.00	0.00
Purchase	05/31/2022	60934N807	19,531.25	Federated Investors Govt Oblig Fund Inst.	1.000	0.43%	19,531.25	0.00	19,531.25	0.00
<b>Subtotal</b>			<b>30,681.40</b>				<b>30,681.40</b>	<b>0.00</b>	<b>30,681.40</b>	<b>0.00</b>
Security Contribution	05/31/2022	90CASH\$00	73,545.72	Cash Custodial Cash Account	1.000		73,545.72	0.00	73,545.72	0.00
<b>Subtotal</b>			<b>73,545.72</b>				<b>73,545.72</b>	<b>0.00</b>	<b>73,545.72</b>	<b>0.00</b>
<b>TOTAL ACQUISITIONS</b>			<b>104,227.12</b>				<b>104,227.12</b>	<b>0.00</b>	<b>104,227.12</b>	<b>0.00</b>
<b>DISPOSITIONS</b>										
Security Withdrawal	05/31/2022	60934N807	47,290.78	Federated Investors Govt Oblig Fund Inst.	1.000		47,290.78	0.00	47,290.78	0.00
<b>Subtotal</b>			<b>47,290.78</b>				<b>47,290.78</b>	<b>0.00</b>	<b>47,290.78</b>	<b>0.00</b>
<b>TOTAL DISPOSITIONS</b>			<b>47,290.78</b>				<b>47,290.78</b>	<b>0.00</b>	<b>47,290.78</b>	<b>0.00</b>
<b>OTHER TRANSACTIONS</b>										
Interest	05/01/2022	06367WB85	400,000.00	Bank of Montreal Note 1.85% Due 5/1/2025	0.000		3,700.00	0.00	3,700.00	0.00



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
<b>OTHER TRANSACTIONS</b>										
Interest	05/07/2022	3135G06G3	625,000.00	FNMA Note 0.5% Due 11/7/2025	0.000		1,562.50	0.00	1,562.50	0.00
Interest	05/17/2022	14913R2L0	350,000.00	Caterpillar Financial Service Note 0.45% Due 5/17/2024	0.000		787.50	0.00	787.50	0.00
Interest	05/18/2022	58933YAF2	250,000.00	Merck & Co Note 2.8% Due 5/18/2023	0.000		3,500.00	0.00	3,500.00	0.00
Interest	05/27/2022	7954506L4	248,000.00	Sallie Mae Bank Negotiable CD 0.85% Due 5/27/2025	0.000		1,045.34	0.00	1,045.34	0.00
Interest	05/28/2022	717081EX7	400,000.00	Pfizer Inc. Callable Note Cont 4/28/2025 0.8% Due 5/28/2025	0.000		1,600.00	0.00	1,600.00	0.00
Interest	05/28/2022	856285TQ4	248,000.00	STATE BANK OF INDIA Negotiable CD 1.1% Due 5/28/2025	0.000		1,352.79	0.00	1,352.79	0.00
Interest	05/31/2022	912828M80	750,000.00	US Treasury Note 2% Due 11/30/2022	0.000		7,500.00	0.00	7,500.00	0.00
Interest	05/31/2022	912828YV6	700,000.00	US Treasury Note 1.5% Due 11/30/2024	0.000		5,250.00	0.00	5,250.00	0.00
Interest	05/31/2022	91282CCF6	850,000.00	US Treasury Note 0.75% Due 5/31/2026	0.000		3,187.50	0.00	3,187.50	0.00
Interest	05/31/2022	91282CDK4	575,000.00	US Treasury Note 1.25% Due 11/30/2026	0.000		3,593.75	0.00	3,593.75	0.00
<b>Subtotal</b>			<b>5,396,000.00</b>				<b>33,079.38</b>	<b>0.00</b>	<b>33,079.38</b>	<b>0.00</b>
Dividend	05/03/2022	60934N807	20,309.38	Federated Investors Govt Oblig Fund Inst.	0.000		0.15	0.00	0.15	0.00
<b>Subtotal</b>			<b>20,309.38</b>				<b>0.15</b>	<b>0.00</b>	<b>0.15</b>	<b>0.00</b>
<b>TOTAL OTHER TRANSACTIONS</b>			<b>5,416,309.38</b>				<b>33,079.53</b>	<b>0.00</b>	<b>33,079.53</b>	<b>0.00</b>

# Statement of Compliance

As of May 31, 2022



## Walnut Valley Water District

Assets managed by Chandler Asset Management are in full compliance with state law and with the District's investment policy.

Category	Standard	Comment
U.S. Treasuries	No Limitation; US Treasury Bills, Notes, and Bonds	Complies
Federal Agencies	30% max per Agency/GSE issuer; 20% max callable agency securities; Federal agencies or U.S. government-sponsored enterprise obligations, participations, or other instruments, including those issued or fully guaranteed as to principal and interest by federal agencies or U.S. government sponsored enterprises.	Complies
Supranational Obligations	"AA" rating category or higher by a NRSRO; 30% max; 10% max per issuer; USD denominated senior unsecured unsubordinated obligations; Issued or unconditionally guaranteed by IBRD, IFC, or IADB	Complies
Municipal Securities	No Limitation; Bonds issued by the District; Registered state warrants or treasury notes or bonds issued by the State of California; Bonds of any of the other 49 states in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state, or by a department, board, agency, or authority of any of the other 49 states, in addition to California; Bonds, notes, warrants or other debt issued by a local agency within the State of California, including pooled investment accounts sponsored by the State of California, County Treasurers, or other local agencies or joint powers agencies.	Complies
Corporate Medium Term Notes	"A" rating category or higher by a NRSRO; 30% max; 5% max per issuer; Issued by corporations organized and operating within the U.S. or by depository institutions licensed by the U.S. or any state and operating within the U.S.	Complies
Asset-Backed, Mortgage-Backed, Mortgage Pass-Through Securities, Collateralized Mortgage Obligations	"AA" rating category or better by a NRSRO; 20% max combined; From issuers other than the U.S. Treasury or a U.S. Federal Agency/GSE	Complies
Negotiable Certificates of Deposit (NCD)	30% max; 5% max per issuer; Issued by a nationally or state-chartered bank, a savings association or a federal association, a state or federal credit union, or by a federally-licensed or state-licensed branch of a foreign bank	Complies
Certificate of Deposit Placement Service (CDARS)	50% max; Placement service deposits, including certificates of deposit, at a commercial bank, savings and loan association or credit union that uses a private sector entity that assist in the placement of deposits	Complies
Banker's Acceptances	40% max; 5% max per issuer/commercial bank; 180 days max maturity	Complies
Commercial Paper	"Prime quality of the highest rating or "A-1" rated or better by a NRSRO; Issued by an entity that is either: a. (i) organized and operating within the U.S. as a general corporation with assets > \$500 million; (ii) "A" rating or better by a NRSRO, if issuer has debt obligations; b. (i) organized within the U.S. as a special purpose corporation, trust, or limited liability company; (ii) have program-wide credit enhancements including, but not limited to, overcollateralization, letters of credit, or a surety bond; (iii) rated "A-1" or better by a NRSRO; 25% max; 5% max per issuer; 270 days maturity; 10% maximum of the outstanding commercial paper of any single issuer	Complies
Mutual Funds and Money Market Mutual Funds	i) Highest rating by two NRSROs; or (ii) Retained an investment adviser registered or exempt from SEC registration with > 5 years experience managing money market mutual funds with AUM > \$500 million; 20% max combined Money Market Mutual Funds and Mutual Funds; 20% max per Money Market Mutual Fund ; 10% max per Mutual Fund; Mutual Fund maturity defined as the weighted average maturity; Money Market Mutual Funds must have an average maturity of 60 days or less	Complies
Local Agency Investment Fund (LAIF)	No Limit	Complies
Repurchase Agreements/ Reverse Repurchase Agreements	1 year max maturity; Subject to further limitation by California Government Code, which, if applicable, may limit to 92 days max maturity for Reverse repurchase agreements; 102% collateralized; Not used by Investment Adviser	Complies
Max Per Issuer	5% max per issuer, except the US Government, its Agencies and enterprises, LAIF, or unless otherwise specified in the investment policy	Complies

Maximum Maturity

5 years

*Complies*



# Net of Fees Performance Report

May 31, 2022



	Porfolio	Index
Period	Net of 10.9 bps annual fee	*ICE BofA 1-5 Yr US Government
1 month	0.54%	0.60%
3 months	-2.03%	-2.09%
Year to Date	-3.36%	-3.39%
Last 12 Months	-4.20%	-4.26%
Inception Date	7/31/2009	7/31/2009
Since Inception	18.48%	17.07%
Annualized Since Inception	1.33%	1.24%

Walnut Valley Water District  
 Revenue Bond - East West Bank  
 Life to Date  
 May 31, 2022

Bond Proceeds \$ 19,940,487.80

Disbursements:

Cost of Issuance

Fieldmann, Rolapp & Associates (Financial Advisors)	\$	(26,270.57)	
Hawkins, Delafield & Wood, LLP. (Bond Counsel)		(45,000.00)	
Union Bank, N.A. (Trustee)		(3,708.00)	
Standard & Poor's Rating Services (Credit Rating)		(17,000.00)	
Image Master (Official Statement)		(3,158.31)	
Hawkins Delafield & Wood (Bond Counsel)		(1,743.31)	
		(96,880.19)	(96,880.19)

Projects

Puente Basin Water Agency - Pomona Basin <sup>1</sup>		(2,052,008.87)	
Puente Basin Water Agency - LHHCWWD Project <sup>1</sup>		(350,566.00)	
Puente Basin Water Agency - CDWC Project <sup>1</sup>		(4,090,549.30)	
Puente Basin Water Agency - Pathfinder Project <sup>4</sup>		-	
Administration Headquarters <sup>1</sup>		(6,927,819.59)	
Water Rights - Central Basin		(3,630,907.50)	
		(17,051,851.26)	(17,051,851.26)

Substitute Projects

Ace Nogales Grade Separation (P#03-2820) <sup>2</sup>		(706,545.61)	
Ridgeline Pump Station Modifications (P#12-3267) <sup>3</sup>		(221,195.68)	
30 kw Diesel Portable Generator (P#13-3290) <sup>3</sup>		(39,490.70)	
		(967,231.99)	(967,231.99)

Interest Income 506,090.49

Ending Balance of Bond Funds \$ 2,330,614.85

\* Transferred funds from US Bank to East West Bank 8/23/2021

Walnut Valley Water District  
 Revenue Bond - East West Bank  
 May 31, 2022

Beginning Balance of Bonds	\$	2,330,525.78
----------------------------	----	--------------

Receipts:

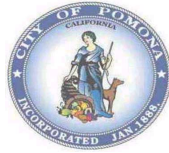
Interest Income		89.07
-----------------	--	-------

Disbursements:

PBWA - Pomona Basin Project	-	
PBWA - Cal Domestic Project	-	
PBWA - Pathfinder Project	-	
Administration Headquarters		

	\$	-
--	----	---

Ending Balance of Bond Funds	\$	<u><u>2,330,614.85</u></u>
------------------------------	----	----------------------------



## POMONA-WALNUT-ROWLAND JOINT WATER LINE COMMISSION

### WATER USE DISTRIBUTION & BILLING

MAY 2022

CONSUMPTION PER AGENCY (Per PWR Meter Reads)		
	Water Consumption (Acre-feet)	Allocation %
Pomona	175.551	13.038%
Walnut	609.135	45.239%
Rowland	561.793	41.723%
LaVerne	-	0.000%
<b>TOTAL</b>	<b>1,346.479</b>	<b>100.000%</b>

WATER PRODUCTION (ACTUAL)		
	Water Consumption (Acre-feet)	Allocation %
MWD	1,339.70	98.798%
TVMWD	16.30	1.202%
LaVerne	-	0.000%
Total	1,356.000	100.000%
PWR	1,346.479	
Difference	9.521	

CALCULATION OF AGENCY WATER CONSUMPTION (Water consumption billed to each agency based on amount of water purchased from MWD & TVMWD)							
Connection / Description	Billing Difference Allocation (Acre-feet)	Adj. Agency Consumption (Acre-Feet)	Adj. Agency Consumption for Billing (Rounded)	Water Purchased - MWD	Water Purchased - TVMWD	Water Purchased - LaVERNE WELL	Total Water Purchased (Acre-feet)
				98.798%	1.202%	0.000%	100.000%
Pomona	175.551	1.241	176.792	174.7	2.1	-	176.8
Walnut	609.135	4.307	613.442	613.4	7.4	-	613.4
Rowland	561.793	3.972	565.765	565.8	6.8	-	565.8
LaVerne	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,346.479</b>	<b>9.521</b>	<b>1,356.000</b>	<b>1,339.7</b>	<b>16.3</b>	<b>-</b>	<b>1,356.0</b>

BILLING CHARGES PER AGENCY											
		MWD PM-15	TVMWD PM-21	MWD Capacity Reservation	TVMWD Connected Capacity	TVMWD Water Use Charge	Depreciation	Replacement	Admin Budget Assessment	MWD LRP Rebate Program	Billing Total
<b>City of Pomona</b>	Cons. (AF)	174.7	2.1							78.6	
	Allocation %			29.17%	52.00%	22.43%	25.00%	25.00%	33.33%		
	Billing Rate	\$ 1,127.00	\$ 1,127.00	\$ 29,813.50	\$ 6,757.84	\$ 6,492.69	\$ -	\$ -	\$ -	\$ (100.00)	
	<b>Total</b>	\$ 196,849.90	\$ 2,395.05	\$ 8,696.60	\$ 3,514.08	\$ 1,456.31	\$ -	\$ -	\$ -	\$ (7,860.00)	\$ 205,051.94
<b>Walnut Valley Water District</b>	Cons. (AF)	606.1	7.4							-	
	Allocation %			45.83%	28.00%	48.74%	25.00%	25.00%	33.33%		
	Billing Rate	\$ 1,127.00	\$ 1,127.00	\$ 29,813.50	\$ 6,757.84	\$ 6,492.69	\$ -	\$ -	\$ -	\$ (100.00)	
	<b>Total</b>	\$ 683,038.91	\$ 8,310.47	\$ 13,663.53	\$ 1,892.20	\$ 3,164.54	\$ -	\$ -	\$ -	\$ -	\$ 710,069.65
<b>Rowland Water District</b>	Cons. (AF)	559.0	6.8							-	
	Allocation %			25.00%	20.00%	28.83%	25.00%	25.00%	33.33%		
	Billing Rate	\$ 1,127.00	\$ 1,127.00	\$ 29,813.50	\$ 6,757.84	\$ 6,492.69	\$ -	\$ -	\$ -	\$ (100.00)	
	<b>Total</b>	\$ 629,953.07	\$ 7,664.58	\$ 7,453.38	\$ 1,351.57	\$ 1,871.84	\$ -	\$ -	\$ -	\$ -	\$ 648,294.44
<b>City of LaVerne</b>	Cons. (AF)	-	-							-	
	Allocation %			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Billing Rate	\$ 1,127.00	\$ 1,127.00	\$ 29,813.50	\$ 6,757.84	\$ 6,492.69	\$ -	\$ -	\$ -	\$ (100.00)	
	<b>Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total (A.F.)</b>		<b>1,339.7</b>	<b>16.3</b>								<b>1,356.0</b>
<b>Total (\$)</b>		<b>\$ 1,509,841.88</b>	<b>\$ 18,370.10</b>	<b>\$ 29,813.51</b>	<b>\$ 6,757.85</b>	<b>\$ 6,492.69</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (7,860.00)</b>	<b>\$ 1,563,416.03</b>

**PUENTE BASIN WATER AGENCY  
FY 22-23 OPERATING BUDGET (AMENDED)**

	Budget FY 20-21	Actual 20-21	Budget FY 21-22	Projected FY 21-22	Budget FY 22-23	Administrative	TVMWD	CDWC	Pomona Basin	LHHCWD
<b>1 REVENUES:</b>										
2 Administrative Assessment - RWD	\$ 125,688	\$ 77,834	\$ 125,688	\$ 81,750	\$ 184,800	\$ 184,800	\$ -	\$ -	\$ -	\$ -
3 Administrative Assessment - WVWD	125,688	77,834	125,688	81,750	184,800	184,800	-	-	-	-
4 Other	32,000	32,000	32,000	32,000	100,000	100,000	-	-	-	-
5 Water Sales - Project - RWD	597,560	481,186	1,387,210	491,282	538,550	-	-	480,950	56,250	1,350
6 Water Sales - Project - WVWD	597,560	481,186	1,387,210	491,282	538,550	-	-	480,950	56,250	1,350
7 Water Sales - TVMWD - RWD	4,817,670	4,249,876	3,674,470	4,396,400	5,346,360	-	5,346,360	-	-	-
8 Water Sales - TVMWD - WVWD	8,895,120	12,961,875	7,861,820	10,986,600	9,824,180	-	9,824,180	-	-	-
9 Project Maintenance Reserve - RWD	3,750	2,762	9,375	2,900	3,125	-	-	3,125	-	-
10 Project Maintenance Reserve - WVWD	3,750	2,762	9,375	2,900	3,125	-	-	3,125	-	-
11 Total Revenues	15,198,785	18,367,315	14,612,835	16,566,864	16,723,490	469,600	15,170,540	968,150	112,500	2,700
12 Use of Stored/Leased Water	822,470	586,881	2,131,800	639,800	701,440	-	-	701,440	-	-
13 Total	16,021,255	18,954,196	16,744,635	17,206,664	17,424,930	469,600	15,170,540	1,669,590	112,500	2,700
<b>14 EXPENSES:</b>										
<b>15 Source of Supply</b>										
16 Purchased Water - TVMWD	13,091,350	16,600,660	10,832,730	14,678,600	14,483,840	-	14,483,840	-	-	-
17 Purchased Water - LHHCWD	-	-	-	-	-	-	-	-	-	-
18 Purchased Water - CDWC	587,360	423,994	1,465,280	458,800	518,400	-	-	518,400	-	-
19 Purchased Water - Old Baldy	-	-	-	-	-	-	-	-	-	-
20 Purchased Water - Durwood	-	-	-	-	-	-	-	-	-	-
21 Purchased Water - Stored Water	822,470	586,881	2,131,800	639,800	701,440	-	-	701,440	-	-
22 Surcharge - Orchard Dale	-	-	-	-	-	-	-	-	-	-
23 Assessments - WRD	-	-	-	-	-	-	-	-	-	-
24 Assessments - MSGBWM	300,000	220,976	750,000	232,800	250,000	-	-	250,000	-	-
25 Subtotal	14,801,180	17,832,511	15,179,810	16,010,000	15,953,680	-	14,483,840	1,469,840	-	-
<b>26 Fixed Charges</b>										
27 TVMWD Equivalent Small Meters	66,650	66,696	72,070	72,400	78,100	-	78,100	-	-	-
28 TVMWD Water Use Charge	71,270	71,318	68,790	69,100	69,800	-	69,800	-	-	-
29 TVMWD Connected Capacity	63,940	63,983	69,410	69,700	74,800	-	74,800	-	-	-
30 MWD Capacity Reservation Charge	417,480	407,034	491,190	491,100	461,900	-	461,900	-	-	-
31 CDWC - Ready to Serve Charge	7,440	7,436	7,440	8,100	-	-	-	-	-	-
32 Subtotal	626,780	616,467	708,900	710,400	684,600	-	684,600	-	-	-
<b>33 Other Costs</b>										
34 Energy - Pumping and Treatment	118,500	110,171	333,750	101,800	110,000	-	-	110,000	-	-
35 Materials & Supplies - Chemicals	21,000	19,222	56,250	24,500	27,500	-	-	27,500	-	-
36 Materials & Supplies - Other	19,000	9,084	19,600	10,000	20,000	-	-	20,000	-	-
37 Other Costs (Labor etc.)	35,520	57,580	38,700	40,464	38,700	-	-	36,000	-	2,700
38 Lease Agreements - Old Baldy	106,300	103,000	106,100	106,100	112,500	-	-	-	112,500	-
39 Permits & Fees	2,100	2,060	2,100	2,100	2,100	-	2,100	-	-	-
40 Subtotal	302,420	301,117	556,500	284,964	310,800	-	2,100	193,500	112,500	2,700

	Budget FY 20-21	Actual 20-21	Budget FY 21-22	Projected FY 21-22	Budget FY 22-23	Administrative	TVMWD	CDWC	Pomona Basin	LHHCWD
41 <u>Administrative &amp; General</u>										
42 Legal	100,000	21,667	100,000	6,000	20,000	20,000	-	-	-	-
43 Engineering	5,000	1,460	5,000	1,500	5,000	5,000	-	-	-	-
44 Professional Services- Other	125,000	114,918	125,000	125,000	377,000	377,000	-	-	-	-
45 Insurance - Property & Liability	5,000	4,204	5,000	4,600	5,000	5,000	-	-	-	-
46 Accounting/Auditing	8,375	7,734	8,375	8,400	8,400	8,400	-	-	-	-
47 Administrative Expenses - Other	40,000	48,594	40,000	50,000	54,200	54,200	-	-	-	-
48 Subtotal	283,375	198,577	283,375	195,500	469,600	469,600	-	-	-	-
49 Total Expenses	\$ 16,013,755	\$ 18,948,672	\$ 16,728,585	\$ 17,200,864	\$ 17,418,680	\$ 469,600	\$ 15,170,540	\$ 1,663,340	\$ 112,500	\$ 2,700
50 Other Income/(Expense)	-	-			-	-	-	-	-	-
51 Interest Income	10,000	6,367	6,000	2,000	6,000	6,000	-	-	-	-
52 Leased Water Revenue	-	50,000	62,500	62,500	62,500	62,500	-	-	-	-
53 Depreciation	-	-		-	-	-	-	-	-	-
54 Subtotal	10,000	56,367	68,500	64,500	68,500	68,500	-	-	-	-
55 Net Income (Loss) Before Transfers	\$ 17,500	\$ 61,891	\$ 84,550	\$ 70,300	\$ 74,750	\$ 68,500	\$ -	\$ 6,250	\$ -	\$ -
56 Transfers In: Maint. Reserve Funds Used	-				-	-	-	-	-	-
57 Transfers Out: Maint. Reserve Funds Collected	(7,500)	(5,524)	(18,750)	(5,800)	(6,250)	-	-	(6,250)	-	-
58 Net Income (Loss) After Transfers	\$ 10,000	\$ 56,367	\$ 65,800	\$ 64,500	\$ 68,500	\$ 68,500	\$ -	\$ -	\$ -	\$ -

59 PBWA Maintenance Reserve					Total	Administrative	TVMWD	CDWC	Pomona Basin	LHHCWD
60 Beginning Balance July 1	\$ 146,157	\$ 146,157	\$ 151,407	\$ 151,681	\$ 151,681	\$ -	\$ -	\$ 130,588	\$ -	\$ 21,094
61 Transfers In	7,500	5,524	18,750	5,800	6,250	-	-	6,250	-	-
62 Transfers Out	-	-			-	-	-	-	-	-
63 Ending Balance June 30	\$ 153,657	\$ 151,681	\$ 170,157	\$ 157,481	\$ 157,931	\$ -	\$ -	\$ 136,838	\$ -	\$ 21,094



## PUENTE BASIN WATER AGENCY FY 2022-23 Budget Supplement

The following is a supplement to the proposed budget and is intended to provide more specific detail and explanation of the major revenues and expenses proposed in the FY 22-23 Operating Budget.

### **REVENUES**

#### Administrative Assessments RWD/WVWD

Represents payments received from the WVWD and RWD related to the administrative costs of the District. The administrative costs of the District are shared equally by both agencies.

#### Water Sales - Project RWD/WVWD

Represents payments received from the WVWD and RWD related to the production of water from PBWA water reliability projects. The costs and benefits of these projects is shared equally by the agencies.

#### Water Sales -TVMWD

Represents payments received from the WVWD and RWD related to water purchased from TVMWD. Unlike the project water sales, the amounts collected from each agency are based on the estimated costs associated with each individual agency's estimated purchases through the Joint Water Line. These costs include both the commodity and fixed charges assessed by TVMWD.

#### Project Maintenance Reserve

In an effort to ensure sufficient money is available to repair and maintain the LHCWD and CDWC projects, the agencies decided, through separate project agreements, to establish a maintenance reserve account to fund the repair of the facilities. The amounts collected will be reserved for this purpose. For FY 22-23 the budgeted amount is \$6,250, related to expected production from the Cal Domestic project of 1,250 acre-feet. No water production related to other projects has been included in the budget. The maintenance reserve amounts are to be funded equally by the agencies.

#### Stored/Leased Water

The PBWA, through RWD and WVWD, has over the past several years purchased and stored untreated water in the Main Basin to be used initially by the CDWC project. For the current year budget, it is anticipated that the CDWC project will produce 1,250 AF of water. The average cost of the stored water is \$561.15 per acre-foot, this amount has been included in the budgeted expenses and revenues.

### **EXPENSES**

#### Source of Supply

Purchased Water - TVMWD - Represents the commodity cost, including TVMWD's surcharge, associated with the purchase of water from TVMWD. Costs are based on purchases of 12,250 acre-feet (RWD 4,375 acre-feet; WVWD 7,875 acre-feet).

## PUENTE BASIN WATER AGENCY FY 2022-23 Budget Supplement

Purchased Water - LHCWD - Represents the estimated charges associated with purchase of water from LHCWD, as outlined in the agreement. For FY 22-23, no water production has been included in the budget.

Purchased Water - CDWC - Represents the estimated charges associated with purchase of water from CDWC, as outlined in the agreement. Includes the cost of untreated water, previously purchased and stored in the Main Basin. Based on water purchases of 1,250 acre-feet.

Surcharge Orchard Dale - In addition to the costs charged by LHCWD, the District must also pay a per acre-foot surcharge to Orchard Dale Water. No amount has been budgeted for FY 22-23.

Assessments - WRD - Represents the cost of replenishment water related to the LHCWD project. Based on water purchases of 1,250 acre-feet

### Fixed Charges

These charges represent the fixed charges assessed to each respective agency by TVMWD and CDWC. These charges include the Imported Water Use Charge, Connected Capacity, Equivalent Small Meters, MWD Capacity Reservation Charge, and the CDWC Ready to Serve Charge. For the year the total charges are estimated to be \$950,800. RWD's share of this amount is \$305,600 and WVWD's share is \$645,200.

### Other Costs

Energy - Represents the power cost associated with the pumping activities and treatment facilities of the water reliability projects.

Materials and Supplies - Chemicals - Estimated costs for chemicals used for the treatment facilities associated with the water reliability projects.

Materials and Supplies - Other - Estimated costs for other miscellaneous supplies necessary for the operation of the projects.

Other Costs - Estimated costs for RWD Labor and other professional fees related to operating and maintaining the project facilities.

Permits & Fees - Includes costs for WRD Admin Budget, Central Basin Water Rights fees, and Water Research foundation fees paid through TVMWD.

### Administrative & General

Legal - To provide funds for legal expense related to the activities of the PBWA.

Engineering - To provide funds for professional engineering fees related to the management and reporting

PUENTE BASIN WATER AGENCY  
FY 2022-23 Budget Supplement

requirements for the Puente Basin

Professional Services Other - To provide funds for professional services related to state funding, and other outside services not related to a specific project.

Insurance - Property and Liability - To provide funds for property and liability insurance

Accounting - To provide funds for auditing services.

Administrative Expenses - Includes funding for internal labor, ACWA dues, and banking fees attributable to the activities of the PBWA.

**Other Income/(Expenses)**

Interest Income - Interest received from monies in the LAIF investment account.

# July 2022



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	1	2
3	 4	5 6:30 PM Diamond Bar City Council Meeting	6 8AM TVMWD Board Meeting	7	8	9
10	11	12 <b>4PM Legislative Networking Reception*</b>	13 7PM Walnut City Council Meeting	14	15	16
17	18 <b>4PM Public Info Committee</b> <b>4:30 PM Finance Committee</b>	19 <b>4PM Engineering Committee</b> <b>4:30 PM Personnel Committee</b>	20 8AM TVMWD Board Meeting <b>6PM Weeds &amp; Pest Virtual Workshop</b>	21	22	23
24	25 5PM WVWD Board Meeting	26	27 7PM Walnut City Council Meeting	28 No WVWD Workshop Scheduled	29	30
31	1	Notes <b>* Tuesday, July 12, 4 PM, San Gabriel Valley Economic Partnership, Legislative Networking Reception</b>				

# August 2022



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1	2 6:30 PM Diamond Bar City Council Meeting	3 8AM TVMWD Board Meeting	4	5	6
7	8 4PM Public Info Committee 4:30 PM Finance Committee	9 4PM Engineering Committee 4:30 PM Personnel Committee	10 7PM Walnut City Council Meeting	11	12	13
14	15 5PM WVWD Board Meeting	16 6:30 PM Diamond Bar City Council Meeting	17 8AM TVMWD Board Meeting	18 4PM WVWD Workshop Meeting	19	20
21	22	23	24 8AM TVMWD Board Meeting 7PM Walnut City Council Meeting	25	26	27
28	29	30	31	1	2	3
4	5	Notes				

# September 2022



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1	2	3
4	5	6 6:30 PM Diamond Bar City Council Meeting	7 8AM TVMWD Board Meeting	8	9	10
11	12 4PM Public Info Committee 4:30 PM Finance Committee	13 4PM Engineering Committee 4:30 PM Personnel Committee	14 7PM Walnut City Council Meeting	15	16	17
18	19 5PM WVWD Board Meeting	20 6:30 PM Diamond Bar City Council Meeting	21 8AM TVMWD Board Meeting	22 4PM WVWD Workshop Meeting	23	24
25	26	27	28 7PM Walnut City Council Meeting	29	30	1
2	3	Notes				





YOUR BEST PROTECTION

May 19, 2022

## ACWA JPIA

P. O. Box 619082  
Roseville, CA 95661-9082

phone  
916.786.5742  
800.231.5742

[www.acwajpia.com](http://www.acwajpia.com)

To: Donna DiLaura  
By: Erik Hitchman  
Walnut Valley WD  
271 S. Brea Canyon Rd.  
Walnut, CA 91789-3049

Re: Completion of the JPIA Professional Development Program  
Specialty

Dear Donna DiLaura:

**President**

E.G. "Jerry" Gladbach

**Vice President**

Tom Cuquet

**Chief Executive Officer**

Walter "Andy" Sells

**Executive Committee**

Fred Bockmiller

Tom Cuquet

David Drake

E.G. "Jerry" Gladbach

Brent Hastey

Melody A. McDonald

Randall Reed

J. Bruce Rupp

Pamela Tobin

I am extremely happy to acknowledge your completion of the JPIA Operations, Human Resources, and Supervisor Basics Certification Programs. We are pleased that you recognized the value of these Programs and are committed to continuing education.

You are to be commended for attending several different classes, providing you with additional skills that make you a valuable asset to your organization.

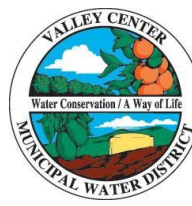
This polished wood plaque with engraved plates is presented to you with the appreciation of the JPIA for your district's efforts and support of this Program.

Sincerely,

Patricia Slaven  
Director of Administration

*Core Values*

- *People*
- *Service*
- *Integrity*
- *Innovation*



May 19, 2022

Submitted via email: [commentletters@waterboards.ca.gov](mailto:commentletters@waterboards.ca.gov)

Ms. Jeanine Townsend  
Clerk to the Board  
State Water Resources Control Board  
1001 I Street  
Sacramento, CA 95814

**Subject:** 05/24/2022 BOARD MEETING – ITEM 3 EMERGENCY REGULATION FOR WATER CONSERVATION

Dear Ms. Townsend,

We offer these comments as a statewide coalition of urban water suppliers advocating for the inclusion of a so-called “Stress Test” approach in the Emergency Regulation for Urban Water Conservation proposed by the State Water Resources Control Board (Water Board) to implement Governor Newsom’s Executive Order N-7-22 (EO).

1. We support the Governor’s action to issue the EO in advance of the third summer of our ongoing statewide drought, and **we appreciate the emphasis on local water supplier actions to encourage additional water conservation by water users:**
  - We especially note the EO’s direction that the Water Board “shall *consider*” adopting emergency regulations that require urban water suppliers to implement the demand response actions in their state-required water shortage contingency plans (WSCPs) to the shortage level of up to twenty percent (Level 2), as specified in Water Code Section 10632 (WC 10632).
  - Our “Stress Test” Coalition recognizes the important discretion granted to the Water Board to adopt emergency regulations that rely on these locally adopted WSCPs.
2. Our “Stress Test” Coalition also appreciates the Water Board’s early release of its “working staff draft” of proposed regulatory text, and the public webinar on April 21, 2022, describing the proposal and soliciting early informal comments before the official comment period begins. Further, we appreciate the indications by Water Board staff that significant flexibility will be given to urban water suppliers, in recognition of variable local circumstances, to implement the adopted regulation in accordance with their WSCPs.
3. **We are Requesting that the Water Board Amend the Regulation to Allow Water Suppliers Discretion to Implement Appropriate WSCP Actions Based on Results of the Annual Water Supply and Demand Assessment:**
  - Our “Stress Test” Coalition advocates that the Water Board consider amending the proposed emergency regulation to allow urban water suppliers to use their own water shortage contingency plans and the results of their state-required annual water supply and demand assessment to determine if and what specific water shortage response actions are required, as specified in WC 10632.1.
  - Further, per WC 10632.3, even when the Governor declares a drought emergency, the Legislature has directed that the Water Board defer to the implementation of locally-adopted water shortage contingency plans.
  - Both Sections 10632.1 and 10632.3 were incorporated into the Water Code as part of the “lessons learned” from the previous drought, and the supplier-specific risk assessment requirement is patterned after the successful “Stress Test” approach embraced by the state toward the end of the last drought.
4. **“Stress Test” Coalition members have sufficiently reliable water supplies due to significant investments of ratepayer funds in additional and alternative water supply and conservation projects:**
  - We share an ongoing commitment to taking proactive action to enhance water reliability, and to continue our substantial ongoing investments in diverse local water supplies (i.e., recycled water, desalination, salinity management, stormwater capture, storage, etc.) and effective groundwater management.
  - We have invested heavily in water conservation and incentive programs, and are committed to water use efficiency education and outreach.

- Despite significant continued population growth in many of our service areas, we continue to experience lower total water demands.
- Through our effective communication programs, we have earned significant credibility with our customers, whom we trust to reduce water use if this drought deepens, in proportion to local water supply conditions.

The EO and the proposed emergency regulation require water suppliers to prepare and submit a “preliminary” annual water supply and demand assessment one month early. However, requiring water systems statewide to implement Level 2 actions -- regardless of the system’s ability to meet water demands with available supplies -- is much like the approach used in 2015 of imposing statewide water use reduction mandates. That approach not only led to significant negative economic and environmental consequences in communities statewide, but it also led to unnecessary adverse financial impacts on consumers and water systems which had heavily invested in water supply reliability projects to help buffer the impact of drought on their customers.

**5. Proposed New Language to Incorporate the “Stress Test” Approach –** We respectfully request that the current draft language for subsection (c) of Section 996 Urban Drought Response Actions be replaced with the following:

(c) (1) Each urban water supplier that has submitted a water shortage contingency plan to the Department of Water Resources, and has submitted to the Department of Water Resources a preliminary annual water supply and demand assessment (AWSDA), no later than June 1, 2022, **demonstrating that the supplier is not experiencing a water shortage and can meet water demands with existing supplies**, based on the criteria set forth in the supplier’s adopted water shortage contingency plan, may implement by June 10, 2022, the demand reduction actions identified in the supplier’s water shortage contingency plan adopted under Water Code 10632 for a shortage level of up to twenty percent (Level 2). The Final AWSDA submitted on July 1, 2022, shall substantiate that the supplier is not experiencing a water shortage and can meet water demands with expected water supplies.

(2) Each urban water supplier that has submitted a water shortage contingency plan to the Department of Water Resources, and has submitted to the Department of Water Resources a preliminary annual water supply and demand assessment (AWSDA), no later than June 1, 2022, **demonstrating that the supplier is experiencing a water shortage and cannot meet water demands with existing supplies**, shall implement by June 10, 2022, at a minimum, the associated demand reduction actions identified in the supplier’s water shortage contingency plan adopted under Water Code 10632 for a shortage level indicated by the preliminary AWSDA.

(3) Notwithstanding subdivisions (1 and 2), urban water suppliers shall not be required to implement new residential connection moratoria pursuant to this section.

Thank you for considering our Coalition’s request to modify the emergency regulation to better align with the “Stress Test” approach and the full purpose of WC 10632.

If you have any questions, please feel free to contact our “Stress Test” Coalition’s representative, Stacy Taylor, Water Policy Manager at Mesa Water District (Mesa Water®) at [StacyT@MesaWater.org](mailto:StacyT@MesaWater.org) or 714.791.0848. Thank you for your consideration.

Sincerely,

City of Banning  
 City of Eureka  
 City of Poway  
 City of Santa Barbara

City of Santa Cruz  
Citrus Heights Water District  
Coachella Valley Water District  
Desert Water Agency  
Elsinore Valley Municipal Water District  
Hi-Desert Water District  
Humboldt Bay Municipal Water District  
Georgetown Divide Public Utilities District  
Mesa Water District  
Olivenhain Municipal Water District  
Pico Water District  
Rowland Water District  
Sacramento Suburban Water District  
San Juan Water District  
Santa Margarita Water District  
Serrano Water District  
Solano Irrigation District  
South Tahoe Public Utility District  
Truckee Donner Public Utility District  
Utica Water and Power Authority  
Valley Center Municipal Water District  
Walnut Valley Water District  
Western Municipal Water District  
Yorba Linda Water District

- c: The Honorable E. Joaquin Esquivel, Chair, State Water Resources Control Board
- The Honorable Dorene D'Adamo, Vice Chair, State Water Resources Control Board
- The Honorable Laurel Firestone, Boardmember, State Water Resources Control Board
- The Honorable Sean Maguire, Boardmember, State Water Resources Control Board
- The Honorable Nichole Morgan, Boardmember, State Water Resources Control Board
- Ms. Eileen Sobek, Executive Director, State Water Resources Control Board
- Mr. Eric Oppenheimer, Chief Deputy Director, State Water Resources Control Board
- Mr. David Rose, Senior Staff Counsel, State Water Resources Control Board
- Mr. Christopher Hyun, State Water Resources Control Board
- Ms. Paola Gonzalez, State Water Resources Control Board

**MEMORANDUM**

**To:** Los Angeles County Independent Special Districts  
**From:** William F. Kruse, Special Counsel  
**Date:** April 25, 2022  
**Subject:** Election Results; LAFCO Commissioner and Alternate Representative

The elections for LAFCO Commissioner and for Alternate Representative closed as of 5:00 p.m. on April 22, 2022. Twenty-eight (28) valid ballots were received. One additional ballot was received but was invalid due to lack of a signature. The results are as follows:

1. For VOTING REPRESENTATIVE:

**STEVEN APPLETON** received 3 votes

**E.G. "JERRY" GLADBACH** received 22 votes

**SHARON S. RAGHAVACHARY** received 3 votes

**Mr. Gladbach** will serve as LAFCO Voting Representative with his term ending May 4, 2026.

2. For ALTERNATE REPRESENTATIVE:

**MELVIN L. MATTHEWS** received 20 votes

**BARU SANCHEZ** received 6 votes

Two districts abstained.

**Mr. Matthews** will serve as LAFCO Alternate Representative with his term ending May 4, 2026.

Thank you for participating in the election.

**WALNUT VALLEY WATER DISTRICT  
WATER SUPPLY AND CONSERVATION UPDATE  
June 20, 2022**



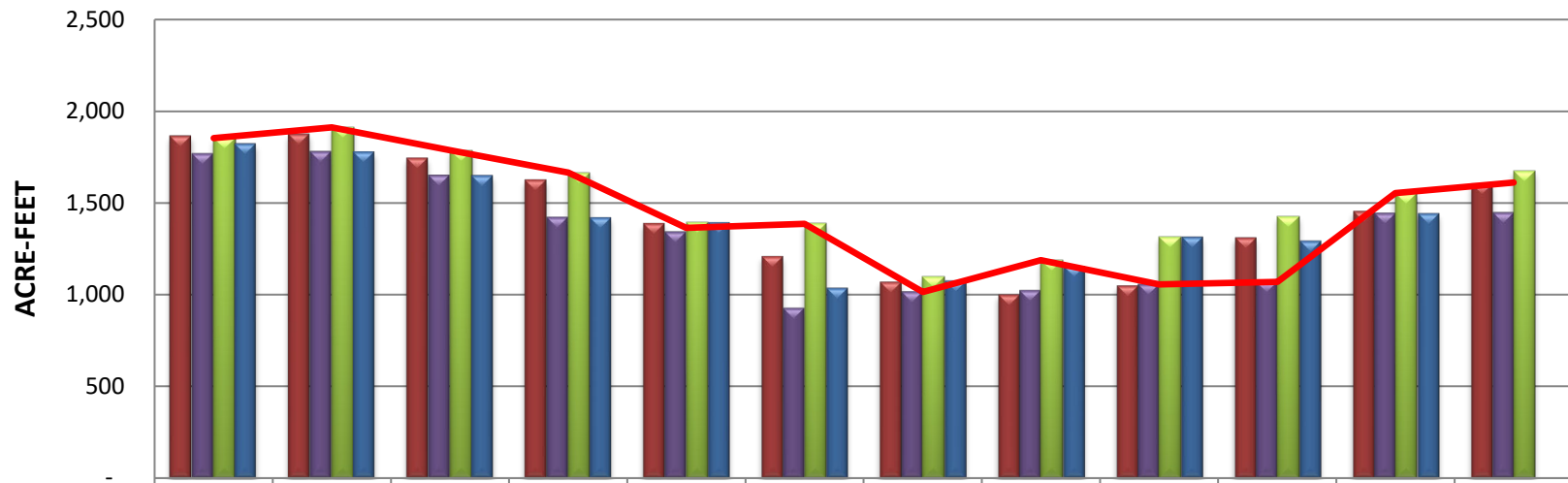
<p>A</p> <p>B</p> <p>C</p>	<p><b><u>Water Use</u></b> – Water usage for May 2022 was 1,442 <b>acre feet</b>, a <b>decrease of 6%</b> compared to May 2020 and a <b>decrease of 24%</b> from May 2013. The average inflow into the system during the month was approximately 24.27 <b>cfs</b> (10,894 gallons per minute).</p> <p><b><u>Recycled Water Use</u></b> – During the month of May the recycled water system delivered 2,220,450 <b>G.P.D.</b>, a decrease <b>of 7.43%</b> compared to the use in May 2021. Of the recycled water delivered, 31.92% was from the District wells and no water was transferred from potable Make-up water.</p> <p><b><u>Production Report</u></b> – attached are:</p> <ul style="list-style-type: none"> <li>▪ Purchased Water Projections (Two total)</li> <li>▪ Climate Summary</li> <li>▪ Monthly Consumption Versus the 2013 and 2020 Baseline Years (Two total)</li> </ul>	<p>Exhibits</p>
----------------------------	---	-----------------



**WALNUT VALLEY WATER DISTRICT**  
**Fiscal Year 2021-2022 Purchased Water Estimate**

Actual Purchases (AF)		Projected Purchases (AF)				Baseline Year Purchases	
Month	Total	Budget	Low	High	Average	2013	2020
July	1,821	1,866	1,765	1,854	1,813	2,149	1,854
August	1,778	1,875	1,778	1,912	1,833	2,309	1,912
September	1,649	1,746	1,649	1,787	1,698	2,064	1,787
October	1,420	1,627	1,420	1,665	1,575	1,858	1,665
November	1,394	1,390	1,341	1,394	1,366	1,569	1,364
December	1,037	1,211	926	1,387	1,117	1,401	1,387
January	1,077	1,072	1,015	1,098	1,063	1,156	1,015
February	1,156	1,002	1,023	1,188	1,122	1,123	1,188
March	1,316	1,051	1,056	1,316	1,167	1,496	1,056
April	1,293	1,312	1,070	1,426	1,263	1,700	1,070
May	1,442	1,456	1,442	1,554	1,510	1,904	1,554
June	-	1,604	1,446	1,673	1,577	2,082	1,611
<b>Total</b>	<b>15,381</b>	<b>17,212</b>	<b>15,929</b>	<b>18,253</b>	<b>17,103</b>	<b>20,810</b>	<b>17,461</b>
<b>Remaining Projected Purchases</b>		<b>1,604</b>	<b>1,446</b>	<b>1,673</b>	<b>1,577</b>		
<b>Total Projected Purchases</b>		<b>16,985</b>	<b>16,827</b>	<b>17,054</b>	<b>16,958</b>		

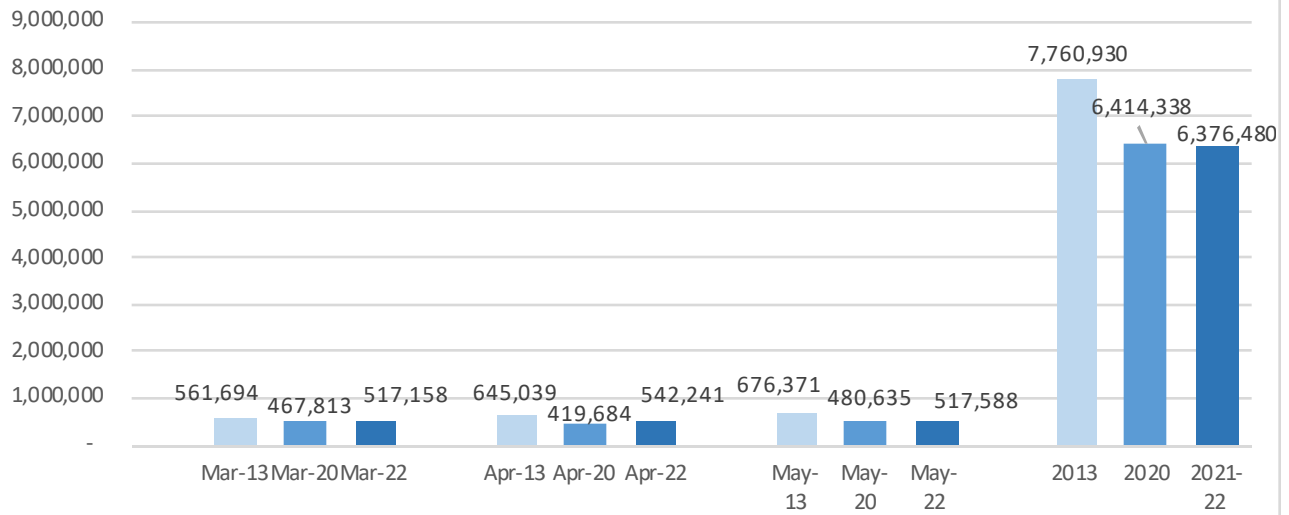
### Fiscal Year 2021-2022 Purchased Water



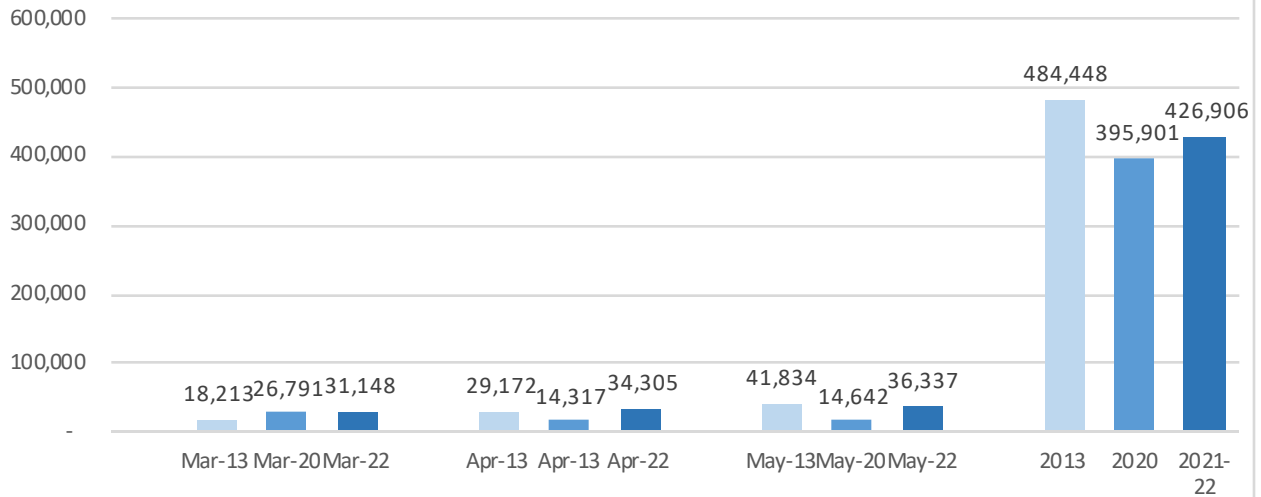
	July	August	September	October	November	December	January	February	March	April	May	June
Budget	1,866	1,875	1,746	1,627	1,390	1,211	1,072	1,002	1,051	1,312	1,456	1,604
Low	1,765	1,778	1,649	1,420	1,341	926	1,015	1,023	1,056	1,070	1,442	1,446
High	1,854	1,912	1,787	1,665	1,394	1,387	1,098	1,188	1,316	1,426	1,554	1,673
CY 2021	1,821	1,778	1,649	1,420	1,394	1,037	1,077	1,156	1,316	1,293	1,442	-
2020	1,854	1,912	1,787	1,665	1,364	1,387	1,015	1,188	1,056	1,070	1,554	1,611

WALNUT VALLEY WATER DISTRICT  
CONSUMPTION DATA - CURRENT YEAR VERSUS 2013 & 2020 BASELINE

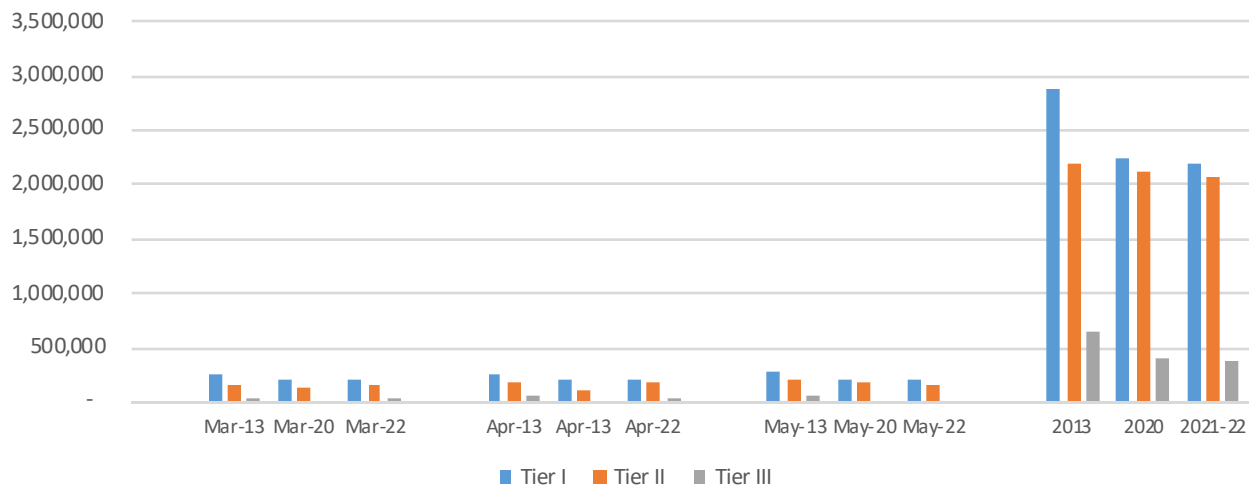
### YTD Consumption Versus 2013 & 2020 Baseline



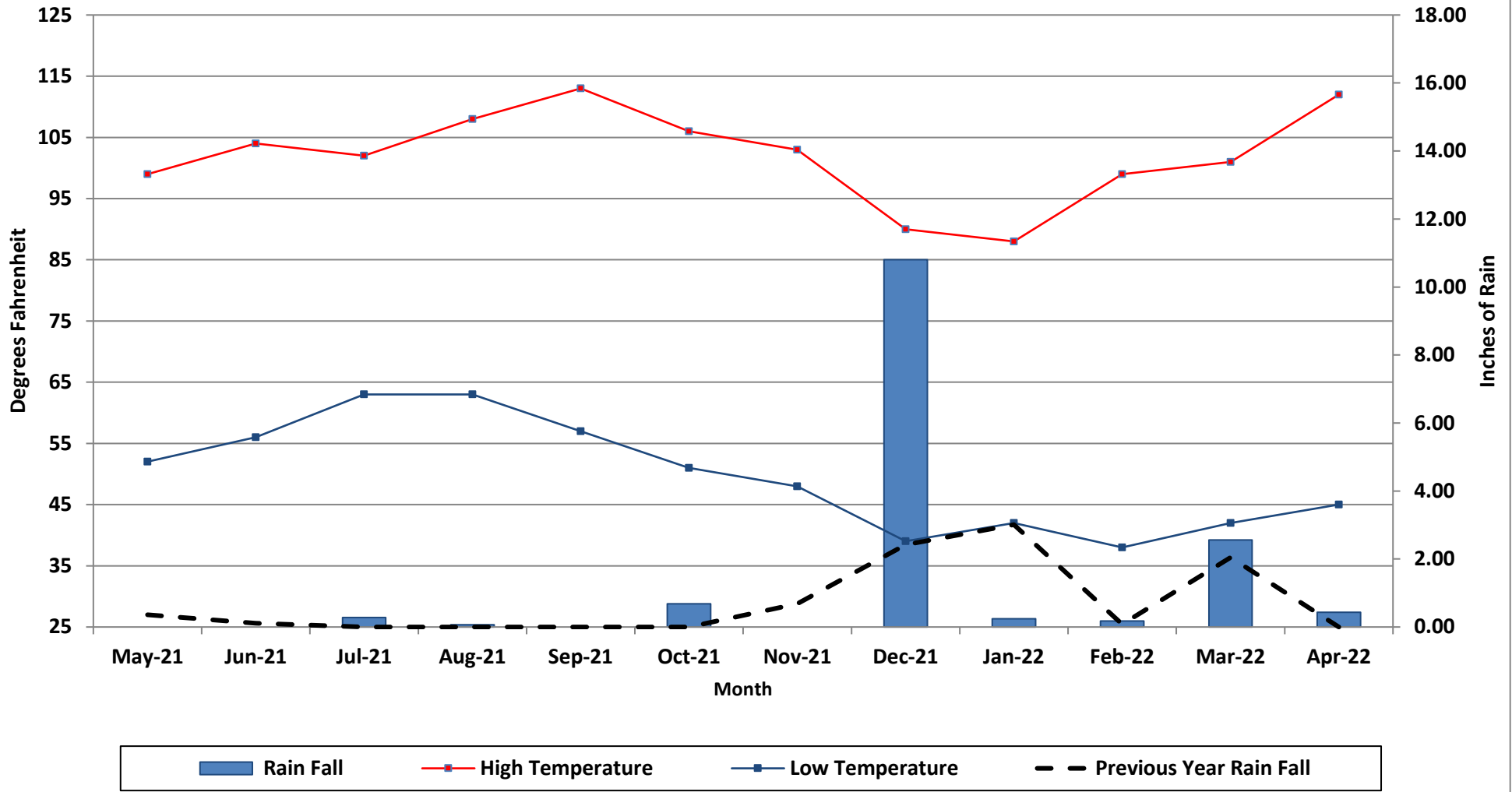
### Irrigation Consumption Versus 2013 & 2020 Baseline



### Residential Tiers Versus 2013 & 2020 Baseline



# Walnut Valley Water District Climate Summary



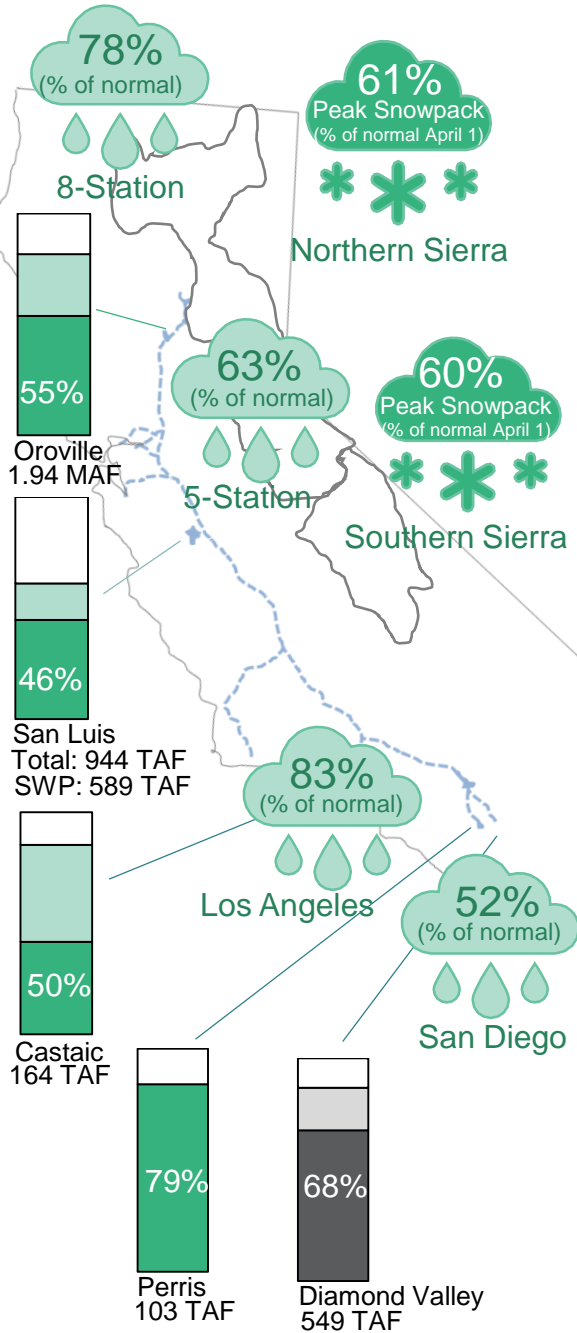
Walnut Valley Water District  
 Monthly Consumption Versus 2013 Baseline Year

Consumption/Water Sales																				
User Class	March					April					May					YTD (FY 21-22)				
	Mar-13	Mar-20	Mar-22	Change	% Change	Apr-13	Apr-20	Apr-22	Change	% Change	May-13	May-20	May-22	Change	% Change	2013 YTD	2020 YTD	FY 21-22	% Change 2013	% Change 2020
COG	14,911	19,184	20,011	5,100	34%	21,592	10,720	23,699	2,107	10%	31,738	6,761	26,470	(5,268)	-17%	379,715	259,989	292,143	-23%	12%
COM	57,610	54,288	51,776	(5,834)	-10%	51,628	39,518	57,849	6,221	12%	71,077	34,529	56,245	(14,832)	-21%	814,491	629,499	670,506	-18%	7%
IND	9,765	8,112	7,816	(1,949)	-20%	10,119	6,693	9,739	(380)	-4%	10,591	6,314	8,772	(1,819)	-17%	126,575	97,101	99,529	-21%	3%
MUL	54,291	55,067	55,486	1,195	2%	74,331	52,659	60,962	(13,369)	-18%	62,088	52,928	57,486	(4,602)	-7%	759,284	692,424	698,749	-8%	1%
RES	425,117	331,162	382,069	(43,048)	-10%	487,369	310,094	389,992	(97,377)	-20%	500,877	380,103	368,615	(132,262)	-26%	5,680,865	4,735,325	4,615,553	-19%	-3%
	561,694	467,813	517,158	(44,536)	-8%	645,039	419,684	542,241	(102,798)	-16%	676,371	480,635	517,588	(158,783)	-23%	7,760,930	6,414,338	6,376,480	-18%	-1%
IRRIGATION																				
User Class	Mar-13	Mar-20	Mar-22	Change	% Change	Apr-13	Apr-20	Apr-22	Change	% Change	May-13	May-20	May-22	Change	% Change	2013 YTD	2020 YTD	FY 21-22	% Change 2013	% Change 2020
COG	6,415	11,847	13,283	6,868	107%	11,988	6,021	15,374	3,386	28%	18,566	3,829	18,015	(551)	-3%	229,352	174,953	195,112	-15%	12%
COM	10,975	13,960	16,784	5,809	53%	15,406	7,444	17,364	1,958	13%	21,417	9,894	16,836	(4,581)	-21%	234,271	208,655	215,963	-8%	4%
IND	670	900	963	293	44%	1,562	660	1,404	(158)	-10%	1,630	834	1,340	(290)	-18%	18,109	10,962	14,058	-22%	28%
RES	153	84	118	(35)	-23%	216	192	163	(53)	-25%	221	85	146	(75)	-34%	2,716	1,331	1,773	-35%	33%
	18,213	26,791	31,148	12,935	71%	29,172	14,317	34,305	5,133	18%	41,834	14,642	36,337	(5,497)	-13%	484,448	395,901	426,906	-12%	8%
RESIDENTIAL																				
Residential	Tier I	Tier II	Tier III	Total		Tier I	Tier II	Tier III	Total		Tier I	Tier II	Tier III	Total		Tier I	Tier II	Tier III	Total	
2013	252,300	143,295	29,522	425,117		257,883	183,967	45,519	487,369		266,170	190,634	44,073	500,877		2,866,211	2,183,926	630,728	5,680,865	
2020	188,883	125,131	17,148	331,162		188,516	110,213	11,365	310,094		198,132	163,166	18,805	380,103		2,220,911	2,116,908	397,506	4,735,325	
FY 21-22	196,677	160,110	25,282	382,069		198,171	166,920	24,901	389,992		194,025	151,739	22,851	368,615		2,180,124	2,059,662	375,767	4,615,553	
% Change 2013	-22%	12%	-14%	-10%		-23%	-9%	-45%	-20%		-27%	-20%	-48%	-26%		-24%	-6%	-40%	-19%	
% Change 2020	4%	28%	47%	15%		5%	51%	119%	26%		-2%	-7%	22%	-3%		-2%	-3%	-5%	-3%	

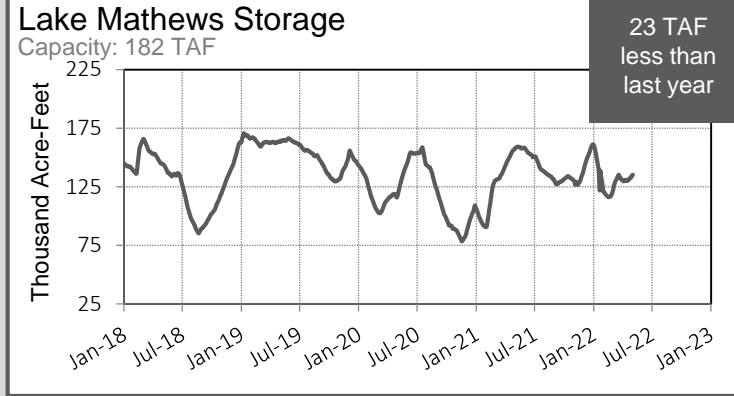
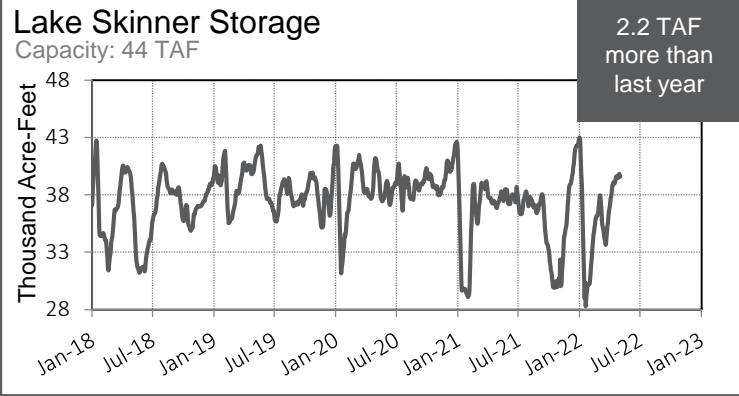
Water Purchases													
	July	August	September	October	November	December	January	February	March	April	May	Total	
2013	2,148.67	2,308.73	2,063.59	1,858.07	1,569.13	1,401.17	1,155.84	1,123.30	1,495.70	1,700.26	1,903.82	18,728.28	
2020	1,853.69	1,912.15	1,786.74	1,665.24	1,363.83	1,386.99	1,097.95	1,022.93	1,129.04	1,426.01	1,553.72	16,198.30	
FY 21-22	1,820.81	1,777.79	1,648.54	1,420.37	1,393.69	1,037.27	1,076.59	1,155.83	1,315.69	1,292.95	1,441.60	15,381.12	
% Change 2013	-15%	-23%	-20%	-24%	-11%	-26%	-7%	3%	-12%	-24%	-24%	-18%	
% Change 2020	-2%	-7%	-8%	-15%	2%	-25%	-2%	13%	17%	-9%	-7%	-5%	



SWP Table A – 5% - 95,575 AF



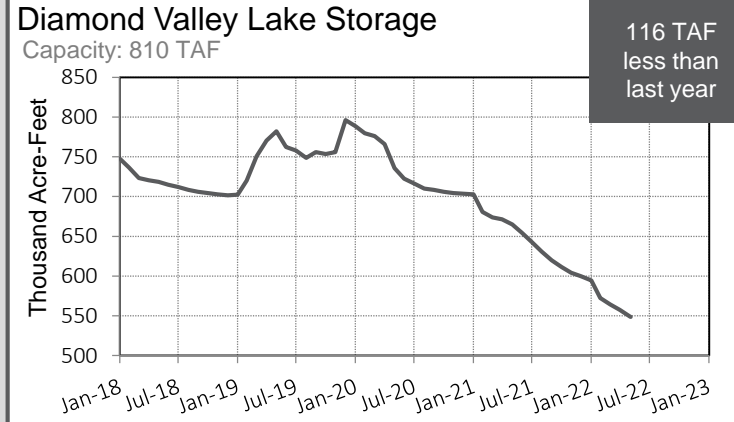
## Metropolitan Resources



### MWD WSDM Storage

Calendar Year 2022

	Take Capacity
Colorado River Aqueduct Delivery System	351 TAF
State Water Project System	185 TAF
In-Region Supplies and WSDM Actions	426 TAF
Other Programs	10 TAF
<b>Total WSDM Storage Take Capacity</b>	<b>972 TAF</b>



## Highlights

- For more information on the current drought:
  - <https://www.mwdh2o.com/planning-for-tomorrow/how-we-plan/drought/>



This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale. Questions? Email [mferreira@mwdh2o.com](mailto:mferreira@mwdh2o.com)

Projected CRA Diversions – 1,135,000 AF

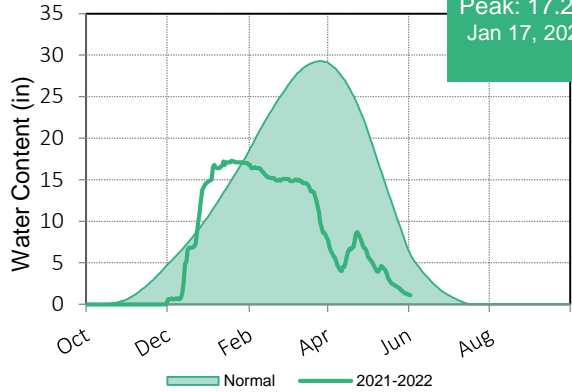


# State Water Project Resources

As of: 06/02/2022

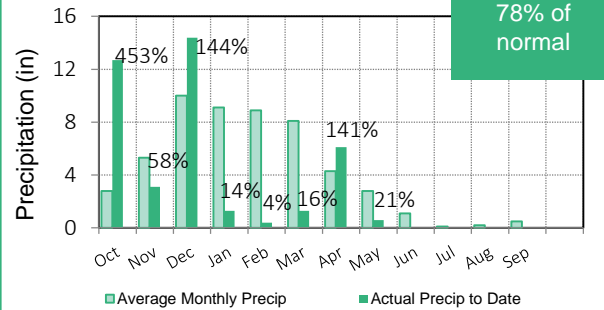
## Northern Sierra Snowpack

Peak: 17.2 in  
Jan 17, 2022



## 8 Station Index Precipitation

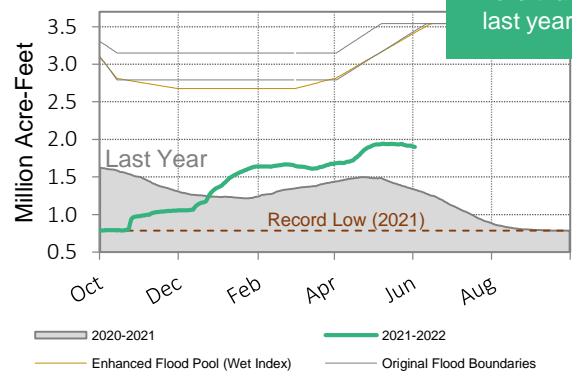
39.6 in  
78% of normal



## Oroville Reservoir Storage

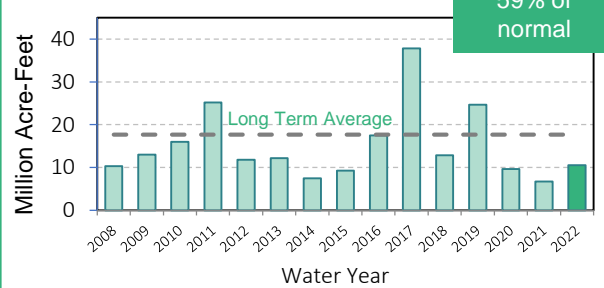
Capacity: 3.54 MAF

570 TAF  
more than last year



## Sacramento River Runoff

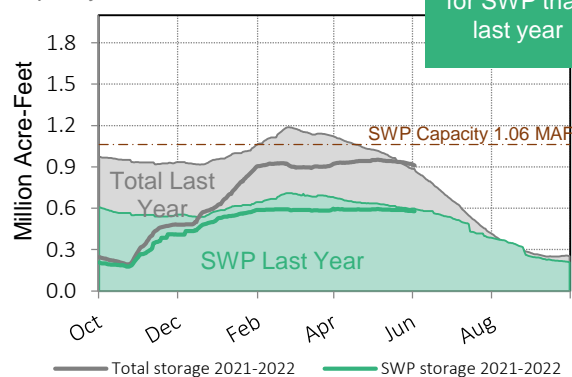
Forecast:  
59% of normal



## San Luis Reservoir Storage

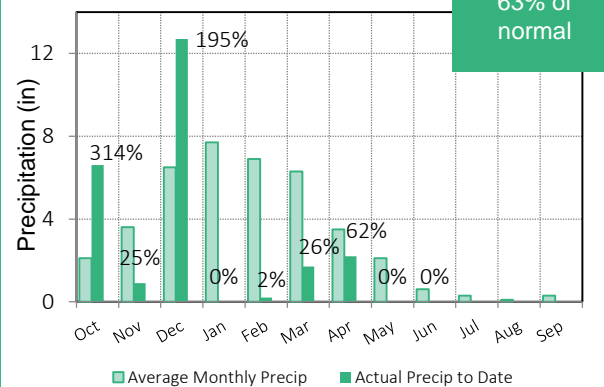
Capacity: 2.04 MAF

19 TAF less  
for SWP than last year



## 5 Station Index Precipitation

24.3 in  
63% of normal

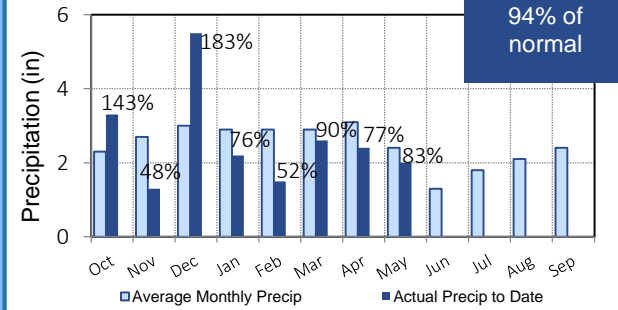


# Colorado River Resources

As of: 06/02/2022

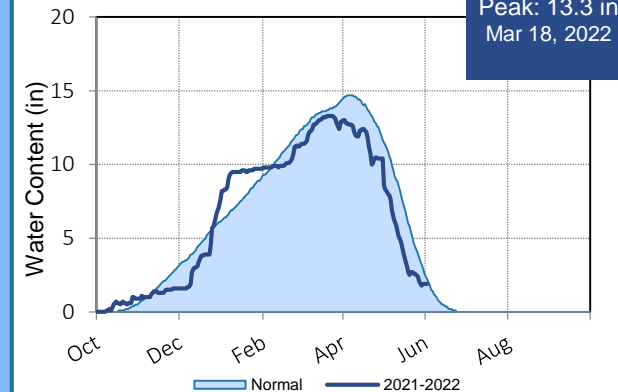
## Upper Colorado Precipitation

20.8 in  
94% of normal



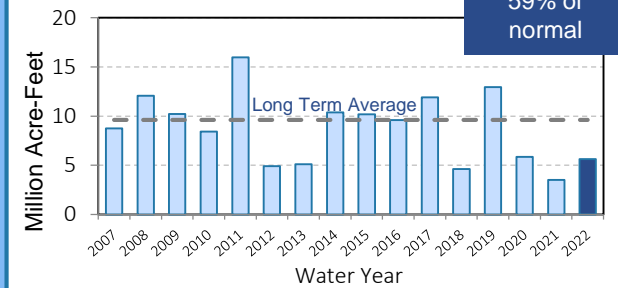
## Upper Colorado Snowpack

Peak: 13.3 in  
Mar 18, 2022



## Powell Unregulated Inflow

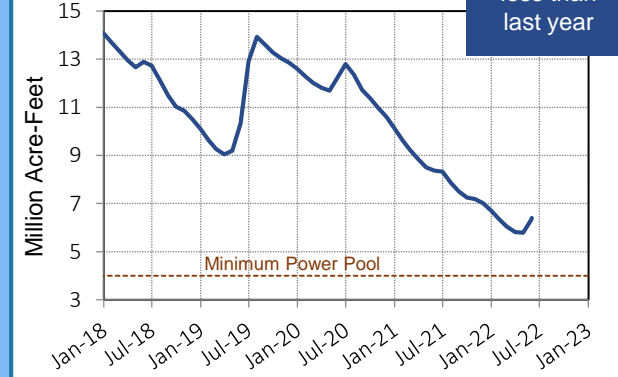
Forecast:  
59% of normal



## Lake Powell Storage

Capacity: 24.3 MAF

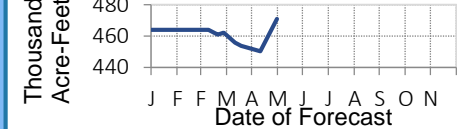
1.99 MAF  
less than last year



## PVID/Yuma Agricultural Use

Annual Forecasted for 2022

Current  
Annual  
Forecast:  
471 TAF



## Projected Lake Mead ICS

Calendar Year 2022

Put (+) / Take (-)  
-280,000 AF

## Lake Mead Surplus/Shortage Outlook

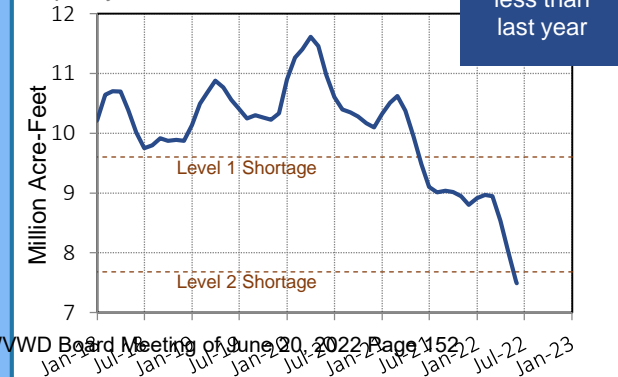
	2022	2023	2024	2025	2026
Surplus	0%	0%	0%	0%	0%
Shortage	100%	100%	93%	100%	87%
Metropolitan DCP*		3% 180 TAF	70% 272 TAF	66% 290 TAF	56% 299 TAF

Likelihood based on results from the May 2022 CRMMs in Ensemble Mode/CRSS model run. Includes DCP Contributions. Only includes 500+ Plan items implemented to date.  
\* Chance of required DCP contribution by Metropolitan. Volume is average contribution when needed.

## Lake Mead Storage

Capacity: 26.1 MAF

1.94 MAF  
less than last year





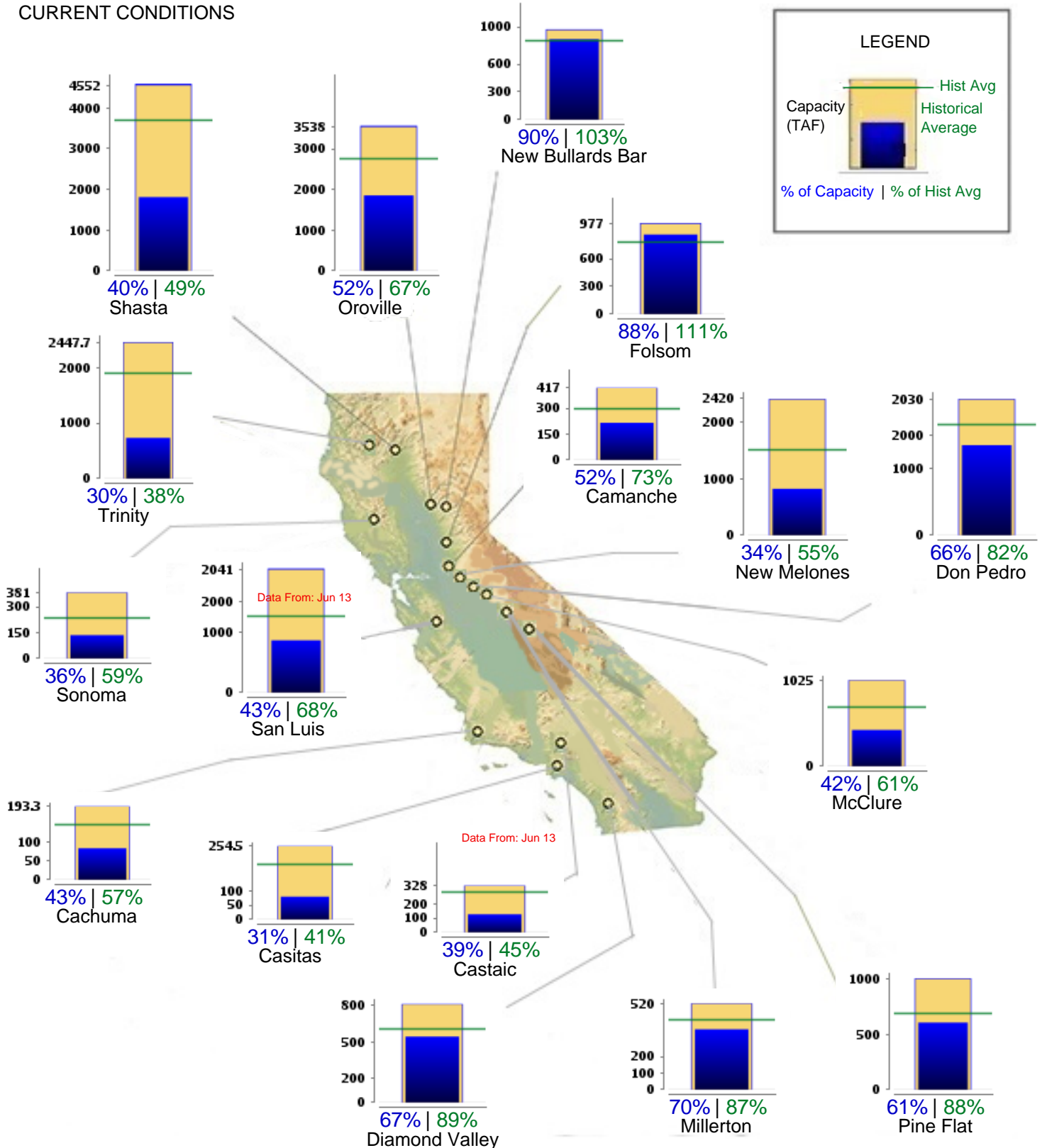


# CURRENT RESERVOIR CONDITIONS

## CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

Midnight - June 14, 2022

### CURRENT CONDITIONS



# WVWD – Staff Report



**TO:** Board of Directors  
**FROM:** General Manager  
**SUBMITTED BY:** Director of Operations  
**DATE:** June 20, 2022  
**SUBJECT:** Replacement of CDMA Badger Endpoints

---

Action/Discussion     Fiscal Impact     Resolution     Information Only

---

## **Recommendation**

Request the Board of Directors authorize:

1. After the fact, the General Manager's to approval of a purchase order (PO), to Badger Meter, Inc., in the amount of \$425,920 to secure the replacement of 7,515 CDMA Endpoints.
2. The General Manager to approve a PO with Concord Utility Services in the amount of \$275,000 for installation of the CDMA Endpoints.

## **Background Information**

The approval of the PO with Badger Meter, Inc. (Badger) was necessary for the purpose of guaranteeing delivery of the endpoints by the end of the year. Badger like many other companies is facing issues fulfilling large orders, therefore, with the PO in hand, Badger will give us priority and they will guarantee delivery of the replacement units starting late June/early July and send equal shipments, approximately 1,500, each month thereafter. The CDMA technology is scheduled to "sunset" by the end of 2022, its crucial we replacement these units prior to the sunset of the technology.

In the past, District staff has installed the endpoints, which is a considerable amount of work both in the field and in the office, and typically results in delays of other ongoing maintenance priorities. In order to expedite this work without impacting other programs, staff has contacted Concord Utility Services (Concord) regarding the installation.

Concord will use their cloud-based platform to load and upload all information electronically, eliminating the need for paperwork and lengthy data entry by District staff. Once they replace the endpoints, the information is sent to their quality control (QC) department. After their QC approves the work (this process typically takes one working day) that information is sent to the district electronically and staff will upload the information into the billing system.

Concord has stated they can have all work completed prior to November if they begin work mid to late July. Time is of the essence for this work, if the District does not finish the installation by the end of the year we will be forced to read the meters manually which will significantly impact the billing process.

Adequate funds for the work are in the Fiscal Year 2021-22 CIP Budget.

**RESOLUTION NO. 06-22-703**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE WALNUT VALLEY WATER DISTRICT PROCLAIMING A STATE OF EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY GOVERNOR GAVIN NEWSOM, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE BOARD OF DIRECTORS OF WALNUT VALLEY WATER DISTRICT FOR THE PERIOD JUNE 24, 2022 TO JULY 29, 2022 PURSUANT TO BROWN ACT PROVISIONS.**

**WHEREAS**, the Walnut Valley Water District (the "District") is committed to preserving and nurturing public access and participation in meetings of its Board of Directors; and

**WHEREAS**, all meetings of the District's Board of Directors and its standing committees are open and public, as required by the Ralph M. Brown Act (California Government Code Sections 54950 – 54963), so that any member of the public may attend, participate, and watch those bodies conduct their business; and

**WHEREAS**, the Brown Act, in Government Code Section 54953(e), makes provision for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code Section 54953(b)(3), subject to the existence of certain conditions; and

**WHEREAS**, a required condition for application of Section 54953(e) is that a state of emergency is declared by the Governor pursuant to Government Code Section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code Section 8558; and

**WHEREAS**, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District's boundaries, caused by natural, technological or human-caused disasters; and

**WHEREAS**, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

**WHEREAS**, the Board of Directors previously adopted a Resolution, Resolution No. 10-21-686 on October 18, 2021, and subsequent resolutions, finding that the requisite conditions exist for the District's Board of Directors and standing committees to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of Section 54953; and

**WHEREAS**, as a condition of extending the use of the provisions found in Section 54953(e), the Board of Directors must reconsider the circumstances of the state of emergency that exists in the District, and the Board of Directors has done so; and

**WHEREAS**, emergency conditions persist in the District, specifically, COVID-19, and its variants, remain highly contagious and, therefore, a threat to the health, safety and well-being of the District's employees, directors, vendors, contractors, customers and residents; and

**WHEREAS**, orders from the Los Angeles County Department of Public Health and regulations from the State of California impose limitations on gatherings and provide guidance on best practices with respect to actions to reduce the spread of COVID-19; and

**WHEREAS**, the District's Board of Directors does hereby find that a state of emergency continues to exist within the District's service area as a result of the continuing presence of COVID-19 and resulting local, state and federal orders and guidance, which has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District, and the Board of Directors desires to affirm a local emergency exists and re-ratify the proclamation of state of emergency by the Governor of the State of California; and

**WHEREAS**, as a consequence of the local emergency persisting, the Board of Directors does hereby find that the District's Board of Directors and all standing committees shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code Section 54953, as authorized by subdivision (e) of Section 54953, and that

such legislative bodies shall continue to comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of Section 54953; and

**WHEREAS**, the District will continue to provide proper notice to the public regarding all District of Board of Directors' and standing committee meetings, in accordance with Government Code Section 54953(e)(2)(A) and shall provide notice to the public of how they may access any such meeting via call-in number and/or internet link.

**NOW, THEREFORE**, THE BOARD OF DIRECTORS OF WALNUT VALLEY WATER DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Affirmation that Local Emergency Persists. The Board of Directors hereby considers the conditions of the state of emergency in the District and proclaims that a local emergency persists throughout the District, and that conducting District Board of Directors and standing committee meetings virtually will minimize the possible spread COVID-19 and any variant thereof.

Section 3. Re-ratification of Governor's Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California's Proclamation of State of Emergency regarding COVID-19, dated March 4, 2020.

Section 4. Remote Teleconference Meetings. The District's General Manager, or his or her delegate, and the Board of Directors and standing committees of the District are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, continuing to conduct open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) the expiration of thirty (30) days from the date this Resolution was adopted, as set forth below, or (ii) such time as the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the Board of Directors and standing committees of the District may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

**PASSED AND ADOPTED by the Board of Directors of Walnut Valley Water District this 20<sup>th</sup> day of June 2022, by the following vote:**

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

---

Jerry Tang  
President, Board of Directors

ATTEST:

---

Erik Hitchman  
Secretary, Board of Directors