# Board of Directors
# *Regular Meeting*


**COLLABORATION**
Working together towards a common purpose

**ENGAGEMENT**
Building awareness and participation within our organization, our community and our industry

**TEAMWORK**
Connecting with each other to advance the organization

**RESILIENCE**
Adapting well in the face of adversity

**ACCOUNTABILITY**
Acting responsibly and with our customers in mind

**EXCELLENCE**
Providing the very best for our customers

## July 12, 2022, at 6:00 p.m.

3021 Fullerton Road, Rowland Heights, CA 91748
(562) 697-1726 | RWD.org

**AGENDA**
Regular Meeting of the Board of Directors
3021 Fullerton Road
Rowland Heights, CA 91748
July 12, 2022 -- 6:00 PM

*Agenda materials are available for public review at https://www.rowlandwater.com/agendas-minutes/. Materials related to an item on this Agenda submitted after distribution of the Agenda packet are available for public review at the District office located at 3021 Fullerton Road, Rowland Heights, CA 91748.*

## CALL TO ORDER

## PLEDGE OF ALLEGIANCE

## ROLL CALL OF DIRECTORS
Anthony J. Lima, President
Szu Pei Lu-Yang, Vice President
Robert W. Lewis
John Bellah
Vanessa Hsu

## ADDITION(S) TO THE AGENDA

## PUBLIC COMMENT ON NON-AGENDA ITEMS
*Any member of the public wishing to address the Board of Directors regarding items not on the Agenda within the subject matter jurisdiction of the Board should do so at this time. With respect to items on the agenda, the Board will receive public comments at the time the item is opened for discussion, prior to any vote or other Board action. A three-minute time limit on remarks is requested.*

*Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Gabriela Sanchez, Executive Assistant at (562) 562-383-2323, or writing to Rowland Water District, at 3021 Fullerton Road, Rowland Heights, CA 91748. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Anyone requesting a disability-related accommodation should make the request with adequate time prior to the meeting in order for the District to provide the requested accommodation.*

*Any member of the public wishing to participate in the meeting, who requires a translator to understand or communicate in English, should arrange to bring a translator with them to the meeting.*

## 1. PUBLIC HEARING: PUBLIC HEALTH GOALS REPORT

*Recommendation: The Board of Directors open a public hearing to receive and respond to public comment regarding Rowland Water District's 2019-2021 Public Health Goals Report; and following the public comment period, receive, approve and file the report as presented.*

A. Open Public Hearing
B. Report by District Staff
C. Public Comment
   The public may address the Board of Directors regarding the Rowland Water District's 2019-2021 Public Health Goals Report.
D. Close Public Hearing
E. Consider Approval of Rowland Water District's 2019-2021 Public Health Goals Report

## 2. CONSENT CALENDAR

*All items under the Consent Calendar are considered to be routine matters, status reports, or documents covering previous Board instruction. The items listed on the Consent Calendar will be enacted by one motion unless separate discussion is requested.*

**2.1** **Approval of the Minutes of Regular Board Meeting held on June 14, 2022**
*Recommendation: The Board of Directors approve the Minutes as presented.*

**2.2** **Demands on General Fund Account for May 2022**
*Recommendation: The Board of Directors approve the demands on the general fund account as presented.*

**2.3** **Investment Report for May 2022**
*Recommendation: The Board of Directors approve the Investment Report as presented.*

**2.4** **Water Purchases for May 2022** - *For information only.*

***Next Regular Board Meeting:*** August 9, 2022, 6:00 p.m.

## 3. ACTION ITEMS

*This portion of the Agenda is for items where staff presentations and Board discussions are needed prior to formal Board action.*

**3.1** **Review and Approve Directors' Meeting Reimbursement June 2022**
*Recommendation: The Board of Directors approve the Meeting Reimbursements as presented.*

**3.2** **Consider Approval of Public Water Agencies Group (PWAG) Multi-Jurisdictional Hazard Mitigation Plan Memorandum of Understanding (MOU)**
*Recommendation: The Board of Directors approve the District's participation in the PWAG Multi-Jurisdictional Hazard Mitigation Plan MOU.*

**3.3** **Consider Adoption of Resolution No. 7-2022, A Resolution Authorizing the Acceptance of Grant Funding from the Federal Emergency Management Agency in the Amount of $187,500 with Required Local Match of $62,500; and Authorizing the General Manager, or Designee, to Execute Any Necessary Documents to Meet the Grant Requirements**
*Recommendation: The Board of Directors adopt Resolution No. 7-2022 as presented.*

**3.4** **Consider Adoption of Resolution No. 7.1-2022, A Resolution to Oppose Initiative 21-0042A1: Limits Ability of Voters and State and Local Government to Raise Revenues for Government Services**
*Recommendation: The Board of Directors adopt Resolution No. 7.1-2022 as presented.*

**3.5** **Approve Changes in IRS Mileage Rate from 58.5 to 62.5 cents Effective Immediately**
*Recommendation: The Board of Directors approve the IRS rate as presented.*

**3.6** **California Reservoir Conditions**
*Recommendation: Presented for informational purposes only.*

## 4. PUBLIC RELATIONS

| | | |
|---|---|---|
| **4.1** | Communications Outreach | CV Strategies |
| **4.2** | Education Update | Brittnie Gildea |

## 5. DISCUSSION OF UPCOMING CONFERENCES, WORKSHOPS, OR EVENTS

(*Including items that may have arisen after posting of the agenda)*
**5.1** **CSDA Annual Conference & Exhibition Showcase – August 22-25, 2022**

## 6. LEGISLATIVE INFORMATION

## 7. REVIEW OF CORRESPONDENCE

**7.1** Rowland Unified School District – Letters of Appreciation
**7.2** La Habra Heights County Water District – Correspondence Dated 6/15/2022

## 8. COMMITTEE & ORGANIZATION REPORTS (*verbal reports)*

| | | |
|---|---|---|
| **8.1** | Joint Powers Insurance Authority | Directors Hsu/Lewis |
| **8.2** | Three Valleys Municipal Water District | Directors Lu-Yang/Lima |
| **8.3** | Association of California Water Agencies | Directors Lewis/Bellah |
| **8.4** | Puente Basin Water Agency | Directors Lima/Lewis |
| **8.5** | Project Ad-Hoc Committee | Directors Lima/Lu-Yang |
| **8.6** | Regional Chamber of Commerce-Government Affairs Committee | Directors Lewis/Bellah |
| **8.7** | P-W-R Joint Water Line Commission | Directors Lima/Bellah |
| **8.8** | Sheriff's Community Advisory Council | Directors Lu-Yang |
| **8.9** | Rowland Heights Community Coordinating Council | Directors Lu-Yang/Bellah |

## 9. OTHER REPORTS, INFORMATION ITEMS AND COMMENTS

| | | |
|---|---|---|
| **9.1** | Finance Report | Mrs. Malner |
| **9.2** | Operations Report | Mr. Moisio |
| **9.3** | Personnel Report | Mr. Coleman |

## 10. ATTORNEY'S REPORT

Mr. Guiboa

## 11. CLOSED SESSION

**a. CONFERENCE WITH REAL PROPERTY NEGOTIATOR – [§54956.8]**

| | |
|---|---|
| Property: | 18938 Granby Place, Rowland Heights, CA 91748 |
| District Negotiator: | Tom Coleman, General Manager |
| Negotiating Parties: | Mark I. Chen Revocable Living Trust dated 9-8-17 |
| Under Negotiation: | Price and Terms |

**b. CONFERENCE WITH REAL PROPERTY NEGOTIATOR – [§54956.8]**

| | |
|---|---|
| Property: | Assessor Parcel Numbers 8266-002-901 and 8269-003-903 |
| District Negotiator: | Tom Coleman, General Manager |
| Negotiating Parties: | Puente Hills Habitat Authority |
| Under Negotiation: | Price and Terms of Payment |

## 12. RECONVENVE/REPORT ON CLOSED SESSION

## General Manager's and Directors' Comments

## Future Agenda Items

## Late Business

*No action shall be taken on any items not appearing on the posted agenda, except upon a determination by a majority of the Board that an emergency situation exists, or that the need to take action arose after the posting of the agenda.*

## ADJOURNMENT

President ANTHONY J. LIMA, Presiding

July 12, 2022 ITEM NO. 1

**ROWLAND WATER DISTRICT**

**TO:** Honorable President and Members of the Board

**SUBMITTED BY:** Tom Coleman, General Manager

**PREPARED BY:** Dusty Moisio, Assistant General Manager

**SUBJECT:** **Public Hearing- 2019-2021 Public Health Goals Report**

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**PURPOSE:**

Rowland Water District (the District) is required to hold a public hearing to allow the District's Board of Directors to receive and respond to community input regarding the District's 2019-2021 Public Health Goals (PHG) Report; and to approve and file the 2019-2021 PHG Report.

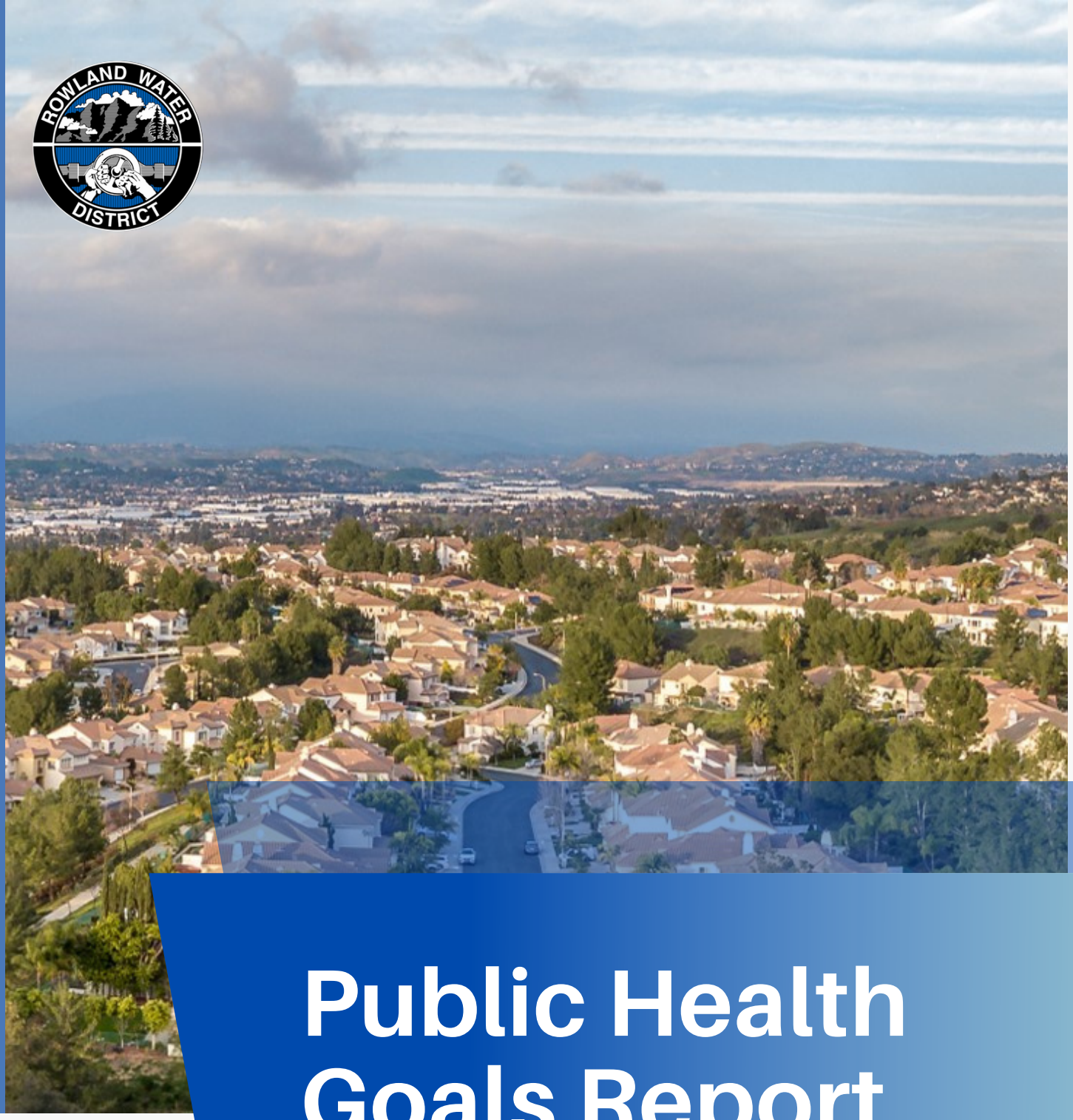
**BACKGROUND:**

Pursuant to the requirements of California Health and Safety Code 116470(b), every three years the District and other public water systems serving more than 10,000 service connections must prepare a PHG Report. The report is intended to provide information to the public in addition to the District's Annual Water Quality Report, on the "detection" of any contaminates above the PHGs. The law requires that a public hearing be held (which can be part of a regularly scheduled public meeting) for the purpose of accepting and responding to public comment on the report. Staff has prepared the 2019-2021 PHG Report and made it available on the District's website for public review on July 1, 2022.

The PHG Report compares the District's drinking water quality with PHGs adopted by California Environmental Protection Agency (EPA) Office of Environmental Health Hazard Assessment (OEHHA), and with maximum contaminant level goals (MCLGs) adopted by the USEPA. PHGs and MCLGs are not enforceable standards and no action to meet them is mandated. The report includes a numerical public health risk, the category or type of risk, best available treatment technology, and cost estimates associated with constituents detected above a public health goal or maximum contaminant level goal. The PHG report demonstrates our water system complies with all of the health-based drinking water standards and maximum contaminant levels (MCLs) required by the California Division of Drinking Water and the USEPA. No additional actions are recommended.

**RECOMMENDATION**: It is recommended that the Board of Directors hold a public hearing to receive comments on the District's 2019-2021 PHG Report. After the public hearing is concluded, the Board is requested to receive, approve, and file the 2019-2021 Public Health Goals Report.

**ATTACHMENT**:
2019-2021 Public Health Goals Report



# Public Health Goals Report 2019-2021

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EXHIBIT B: ANNUAL WATER QUALITY REPORTS: 2019-2021

## BACKGROUND

Provisions of the California Health and Safety Code 116470 (Exhibit A) specify that Rowland Water District, and other water utilities serving more than 10,000 service connections prepare a report by July 1, 2022, if their water quality measurements have exceeded any Public Health Goals (PHGs). The law specifies what information is to be provided in the report (Exhibit A). 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.

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 PUBLIC HEALTH GOALS?

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, TVMWD Groundwater, and California Domestic Water Company (CDWC). 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 were considered. This data was all summarized in the District's 2019, 2020, and 2021 Annual Water Quality Reports, which are all accessible on the District's website (www.rwd.org/water-quality). Please see Exhibit C for the District's 2019, 2020, and 2021 Annual Water Quality 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 A MCLG:

The following is a discussion of constituents that were detected in one or more of our drinking water sources at levels above the PHG, or if no PHG, above the MCLG.

| 2019 | 2020 | 2021 |
|---|---|---|
| **ARSENIC** | **ARSENIC** | **ARSENIC** |
| **BROMATE** | **BROMATE** | **GROSS BETA** |
| **GROSS BETA** | **GROSS BETA** | **PERCHLORATE** |
| **PERCHLORATE** | **PERCHLORATE** | **RADIUM-226** |
| **URANIUM** | **RADIUM-226** | **STRONTIUM** |
| | **TRITIUM** | **TETRACHLOROETHYLENE** |
| | **URANIUM** | **URANIUM** |

## ARSENIC

Arsenic is a naturally-occurring mineral in soils. The PHG for arsenic is 0.004 parts per billion (ppb), and the MCL is 10 ppb. The category of health risk associated with arsenic is that people who drink water containing levels above the MCL throughout their lifetime could experience an increased risk of developing cancer. The numerical health risk for the PHG is one in a million, and the numerical health risk for the MCL is 2.5 per one thousand.

Arsenic was detected at CDWC: in 2019 at levels ranging from 2.0 to 2.9 ppb, in 2020 levels ranged from Not Detected (ND) to 2.6 ppb, and in 2021 levels ranged from ND to 2.7 ppb. The levels detected were below the MCL at all times. The BATs to lower the level of arsenic to below the PHG of 0.004 ppb are ion exchange, reverse osmosis, and coagulation filtration. The estimated cost of treatment with ion exchange is about $0.60 per 1,000 gallons treated or about $231,000 per year.

Reverse Osmosis treatment is estimated to cost $0.94 per 1,000 gallons treated or about $362,045 per year. Ion Exchange and Reverse Osmosis both concentrate the contaminant so the spent resin or brine may need to be treated as a hazardous waste which will incur more costs for disposal. The estimated cost for coagulation filtration is $0.45 per 1,000 gallons treated or about $173,319 per year.

## BROMATE

For Bromate, the PHG is 0.1 ppb and the MCL is 10 ppb. The category health risk for Bromate is that some people who drink water containing levels above the MCL over many years could experience an increased risk of developing cancer. The numerical health risk for the PHG is one in a million, and the numerical health risk for the MCL is one per ten thousand.

Bromate was detected in the District's MWD imported water supply in 2019 and 2020. In 2019, Bromate levels ranged from ND to 8.1 ppb, in 2020 Bromate levels ranged from ND to 2 ppb. The levels detected were below the MCL at all times. The most common source of Bromate is as a byproduct of drinking water disinfection through ozonation. 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 $8.04 per 1,000 gallons of treated water or an annual cost of $297,762 to $15,960,075 per year.

## GROSS BETA PARTICLE ACTIVITY

Certain minerals are radioactive and may emit a form of radiation known as photons and beta radiation. 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 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.

Gross Beta Particle Activity was detected in in 2019, 2020, and 2021 in the District's MWD imported water supply and TVMWD Miramar Plant supply. 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 to 6 pCi/L from the MWD imported water supply and the amount detected 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 9 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. 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 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 is to utilize reverse osmosis treatment. The estimated cost for this method of treatment ranges from $0.94 to $8.04 per 1,000 gallons of treated water or annual cost of $2,555,154 to $21,854,722 per year.

## PERCHLORATE

For Perchlorate, the PHG is 1 ppb and the MCL is 6 ppb. The category health risk for Perchlorate and the reason that a drinking water standard was adopted for it, is that some people who drink water containing Perchlorate above the MCL over many years are at a higher risk of developing endocrine toxicity (affects the thyroid) as well as developmental toxicity (causes neurodevelopmental deficits).

Perchlorate was detected in the CDWC supply in 2019, 2020, and 2021. In 2019, Perchlorate levels ranged from ND to 2.1 ppb, in 2020 Perchlorate levels ranged from ND to 3.1 ppb, and in 2021 Perchlorate levels ranged from .57 ppb to 4.4 ppb. The levels detected were below the MCL at all times. The BATs identified to lower Perchlorate levels to below the MCL are ion exchange and reverse osmosis. The most effective method to consistently remove Perchlorate to the MCLG is to utilize reverse osmosis treatment. The estimated cost for this method of treatment ranges from $0.94 to $8.04 per 1,000 gallons of treated water or an annual cost of $362,045 to $3,096,646 per year.

## RADIUM-226

The PHG for Radium 226 is 0.05 pCi/L. This radiological constituent is a naturally occurring contaminant in some groundwater and surface water supplies. The category health risk for Radium-226, is that some people who drink water containing levels above the MCL over many years could experience an increased risk of developing cancer. The numerical health risk for the PHG is one in a million, and the numerical health risk for the MCL is one per ten thousand.

Radium 226 was detected in the District's MWD imported water supply in 2020 with levels ranging from ND to 6 pCi/L and in TVMWD Miramar Plant in 2021 with levels at .88 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 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

Strontium-90 is a result of the decay of natural and man-made deposits. Strontium-90 has a PHG of 0.35 pCi/L and an MCL of 8 pCi/L. 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 Strontium90 in excess of the MCL over many years may have an increased risk of cancer. The numerical health risk for the PHG is one in a million, and the numerical health risk for the MCL is two per hundred thousand.

In 2021, Strontium-90 was detected in the District's TVMWD Miramar Plant water supply. The amount detected in the District's water supply was 0.56 pCi/L. The levels detected in the District's surface water supplies were below the MCL at all times. 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 is to utilize reverse osmosis treatment. The cost for removing Strontium-90 is the same cost as Gross Beta Particle Activity, listed above.

## TETRACHLOROETHYLENE

Tetrachloroethylene, also known as perchloroethylene (PCE), is a perchlorinated two-carbon olefin. The primary use of PCE is as a chemical intermediate for the production of chlorofluorocarbons and as a solvent used in cleaning operations (metal cleaning, vapor degreasing, and dry cleaning). In addition, numerous household products contain some level of PCE. PCE has a PHG of 0.06 ppb and an MCL of 5 ppb. The category health risk for PCE is that some people who drink water containing levels above the MCL over many years could experience an increased risk of developing cancer. At the PHG, the theoretical cancer risk is one per million people exposed to the PHG level for a lifetime of 70 years. At the MCL, the theoretical cancer risk is eight per one hundred thousand people exposed to the MCL for a lifetime of 70 years.

The PCE value detected in 2021 in CDWC ranged from ND to 0.82 ppb. The BATs for treating PCE include the following treatment techniques: Granular Activated Carbon (GAC) and Packed Tower Aeration. To treat PCE below the PHG a more frequent GAC change-out would be required and the cost impact would be difficult to determine. The cost to treat PCE by Packed Tower Aeration would be $0.34 to $1.27. If GAC were selected as the BAT to further reduce PCE an additional cost could range from $ 0.32 to $2.71 per 1,000 gallons of water treated. The estimated cost for this method of treatment ranges from $0.66 to $3.98 per 1,000 gallons of treated water or an annual cost of $254,202 to $1,532,916 per year.

## TRITIUM

The PHG for Tritium is 400 pCi/L and the MCL is 20,000 pCi/L. The category health risk for Tritium is that some people who drink water containing levels above the MCL over many years could experience an increased risk of developing cancer. The numerical health risk for the PHG is one in a million, and the numerical health risk for the MCL is five per hundred thousand. Tritium was detected in the water supplied to the District in 2020. In 2020 Tritium was detected in the TVMWD Miramar Plant at 424 pCi/L. The levels detected were below the MCL at all times.

## URANIUM

The PHG for Uranium is 0.43 pCi/L and the MCL is 20 pCi/L. 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 PHG is one in one million and the MCL is five per hundred thousand.

Uranium was detected in the water supplied to the District in 2019, 2020, and 2021. In 2019 Uranium was detected in the TVMWD Groundwater water supplies at 2.4 pCi/L and in CDWC levels ranging from 2.3 to 3.2 pCi/L. In 2020, the amount detected in the District's MWD imported water supply ranged from 1 pCi/L to 3 pCi/L and was detected in the CDWC water supply ranging at 2 pCi/L to 3.2 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 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

## *CA Health & Safety Code Section 116470 (b)*

## California 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

# *CA Regulated Constituents*

**MCLs, DLRs, and PHGs for Regulated Drinking Water Contaminants**

**(Units are in milligrams per liter (mg/L), unless otherwise noted.)**

**Last Update: S e p t e m b e r 1 4 , 2021**

This table includes:

California's maximum contaminant levels (MCLs)

Detection limits for purposes of reporting (DLRs)

Public health goals (PHGs) from the Office of Environmental Health Hazard Assessment (OEHHA)

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 |
|---|---|---|---|---|
| ***Chemicals with MCLs in 22 CCR §64431—Inorganic Chemicals*** | | | | |
| 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) |
| ***Copper and Lead, 22 CCR §64672.3*** | | | | |
| *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* | | | | |
| Copper | 1.3 | 0.05 | 0.3 | 2008 |

| | | | | |
|---|---|---|---|---|
| Lead | 0.015 | 0.005 | 0.0002 | 2009 |
| ***Radionuclides with MCLs in 22 CCR §64441 and §64443—Radioactivity*** | | | | |
| [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 |
| ***Chemicals with MCLs in 22 CCR §64444—Organic Chemicals*** | | | | |
| ***(a) Volatile Organic Chemicals (VOCs)*** | | | | |
| 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 |

| | | | | |
|---|---|---|---|---|
| 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) Non-Volatile Synthetic Organic Chemicals (SOCs)*** | | | | |
| 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) | $3x10^{-8}$ | $5x10^{-9}$ | $5x10^{-11}$ | 2010 |
| 2,4,5-TP (Silvex) | 0.05 | 0.001 | 0.003 | 2014 |
| ***Chemicals with MCLs in 22 CCR §64533—Disinfection Byproducts*** | | | | |
| Total Trihalomethanes | 0.080 | -- | -- | -- |
| Bromodichloromethane | -- | 0.0010 | 0.00006 | 2020 |

| | | | | |
|---|---|---|---|---|
| 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 Adic | -- | 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 |
| ***Chemicals with PHGs established in response to DDW requests. These are not currently regulated drinking water contaminants.*** | | | | |
| 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

*Annual Water Quality Reports: 2019, 2020, 2021*

ROWLAND WATER DISTRICT

# 2019 Annual Water Quality Report

## KNOW YOUR WATER

This report contains important information about your drinking water. Translate it or speak with someone who understands it.

Este informe contiene información muy importante sobre su agua de beber. Tradúzcalo ó hable con alguien que lo entienda bien.

Itong ulat ay may mahalagang impormasyon tungkol sa tubig na iniinom ninyo. Ipasalin ito o kausapin ang isang tao na nakakaintindi nito.

本報告包含有關您飲用水的重要資訊。將它翻譯為中文或向能夠理解其內容之人士諮詢。

Phúc trình này có các chi tiết quan trọng về nước uống của quý vị. Hãy dịch ra ngôn ngữ của quý vị hoặc hỏi người hiểu tiếng Anh.

이 보고서는 당신이 마시는 물에 관한 중요한 정보를 포함합니다. 번역을 하시든지 또는 이를 이해할 수 있는 분과 상담하십시요.

WHAT'S YOUR *Water Footprint?*

TAKING STEPS TO SAVE

www.RowlandWater.com

# WATER QUALITY

## *Strict Standards for your Drinking Water*

Rowland Water District is committed to providing safe, high quality drinking water to consumers. We continue to maintain a high-level of public confidence by keeping customers well-informed regarding the quality of their water supply while continually working to improve the water treatment process and protect our precious water resources.

Our drinking water is in compliance with all health and safety standards established by the United States Environmental Protection Agency (USEPA) and the State Water Resources Control Board (SWRCB). Each year, the District tests nearly 1,000 water samples for regulated and unregulated contaminants and impurities, and results consistently show that the samples not only meet, but exceed federal standards for drinking water quality.

California water systems are now required to monitor for per- and poly-fluoroalkyl substances (PFAS). PFAS is a collective term for a large group of synthetic chemicals that include perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS). Governor Gavin Newsom recently signed AB 756, which gives the State Water Resources Control Board the authority to require water systems to monitor for the compounds beginning January 1, 2020 with notification levels of 6.5 parts per trillion (ppt) for PFOS and 5.1 ppt for PFOA.

These synthetic contaminants have been detected in some water supplies, particularly around landfills and airports. Although PFAS has not been found in our water supplies above the new notification levels, we will continue to test for these compounds and other impurities, making sure every drop meets the highest drinking water standards in the nation.

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

Information about water contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline at (800) 426-4791.

# INFORMATION ABOUT YOUR WATER

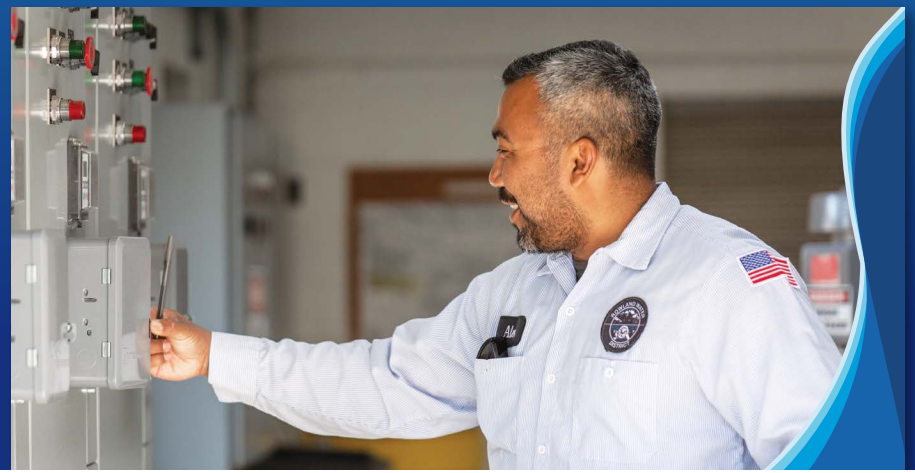
Established in 1953, Rowland Water District originally supplied water to about 200 ranchers and farmers, and now serves approximately 58,000 residents in the unincorporated portions of Rowland Heights, La Puente, Hacienda Heights, and the cities of Industry and West Covina.

The District is governed by a publicly elected Board of Directors with five members, each representing a specific division of the service area. Maintaining the highest quality and most reliable drinking water supply, as well as establishing District policy and the annual budget, are the Board's primary functions.

Board meetings are scheduled at 6 p.m. on the second Tuesday of each month *(unless otherwise noted)* and held at the District office at 3021 Fullerton Road, Rowland Heights, CA 91748. Agendas are posted at the District office 72 hours in advance of the meeting and on the District's website at **www.rowlandwater.com**.

Comprehensive water quality reporting is done on an annual basis and describes the sources of potable water, as well as the supply's composition and how it compares to state and federal health and safety standards.

Rowland Water District is committed to providing safe drinking water and strives to maintain the highest level of public confidence within the community. The District works hard to keep customers well informed on all issues related to water supply, quality and conservation.



# 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-occuring or 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 that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.

**Radioactive contaminants** that can be naturally-occuring or the result of oil and gas production and mining activities.

To ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board, Division of Drinking Water (DDW) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. DDW regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Some people may be more vulnerable to contaminants found in drinking water than the general population. Immuno-compromised persons, such as those with cancer undergoing chemotherapy, people who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk for infections. These people should seek advice about drinking water from their health care providers. USEPA/ Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available by calling the Safe Drinking Water Hotline at (800) 426-4791.

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. Rowland Water District is responsible for providing high quality drinking water but 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 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.***

# 2019 SAMPLE RESULTS

*For specific questions regarding this report or any additional questions related to District drinking water, please contact Roy Frausto, Engineering & Compliance Manager, at (562) 697-1726 or email info@rowlandwater.com.*

Unless otherwise noted, the data presented in this table is from testing completed January 1 - December 31, 2019. The state requires the District to monitor for certain contaminants less than once per year because the concentrations are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old. Unregulated contaminant monitoring helps EPA and the DDW determine where certain contaminants occur and whether they need to be regulated.

## PRIMARY STANDARDS

| Parameter | State MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR | Range / Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (CDWC) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| **CLARITY** | | | | | | | | | | |
| Combined Filter Effluent (CFE) | TT | NA | NA | Highest | 0.04 | 0.076 | 0.20 | | NTU | Soil Runoff |
| Turbidity (a) | TT | NA | NA | % <0.3 | 100% | 100% | 100% | ND | % | |
| **MICROBIOLOGICAL** | | | | | | | | | | |
| Total Coliform Bacteria (b) (Total Coliform Rule) | 5% | (0) | NA | | RWD Distribution System-Wide – 0% | | | | % | Naturally present in the environment |
| Fecal Coliform and E.coli (c) (Total Coliform Rule) | (c) | (0) | NA | | RWD Distribution System-Wide – 0% | | | | (c) | Human and animal fecal waste |
| Heterotrophic Plate Count (e) | TT | NA | (1) | Range | ND – 1 | | | | CFU/mL | Naturally present in the environment |
| | | | | Average | ND | ND | ND | NC | | |
| **INORGANIC CHEMICALS** | | | | | | | | | | |
| Aluminum (d) | 1 | 0.6 | 0.05 | Range | ND – 0.110 | ND – 0.100 | | | ppm | Residue from water treatment process; natural deposits; erosion |
| | | | | Average | 0.122 | ND | ND | NC | | |
| Arsenic | 10 | .004 | 2 | Range | | | | 2.0 – 2.9 | ppb | Erosion of natural deposits: glass & electronics production wastes: runoff |
| | | | | Average | ND | ND | ND | 2.4 | | |
| Barium | 1 | 2 | 0.1 | Range | | | | 0.12 – 0.13 | ppm | Discharge of oil drilling waste and from metal refineries; erosion of natural deposits |
| | | | | Average | ND | ND | ND | 0.125 | | |
| Copper (d) (f) | AL=1.3 | 0.3 | 0.05 | | RWD Distribution System-Wide – 35 Samples Collected<br>RWD Distribution System-Wide – 90th Percentile Level = 0.255<br>RWD Distribution System-Wide – Samples Exceeding Action Level = 0 | | | | ppm | Internal corrosion of household pipes; erosion of natural deposits |
| Fluoride | 2 | 1 | 0.1 | Range | 0.6 – 0.9 | | 0.41 – 0.59 | 0.26 – 0.27 | ppm | Erosion of natural deposits; water additive that promotes strong teeth |
| | | | | Average | 0.7 | ND | 0.5 | 0.27 | | |
| Lead (f) | AL=15 | 0.2 | 5 | | RWD Distribution System-Wide – 35 Samples Collected<br>RWD Distribution System-Wide – 90th Percentile Level = ND<br>RWD Distribution System-Wide – Samples Exceeding Action Level = 0 | | | | ppb | Internal corrosion of household pipes; erosion of natural deposits |
| Nitrate (as N) | 10 | 10 | 0.4 | Range | | | 1.6 – 3.5 | 3.3 – 5.3 | ppm | Runoff and leaching from fertilizer use; sewage; erosion of natural deposits |
| | | | | Average | 0.5 | ND | 2.56 | 4 | | |
| Nitrate + Nitrite (as N) | 10 | NA | NA | Range | | | | | ppm | Runoff and leaching from fertilizer use; sewage; erosion of natural deposits |
| | | | | Average | NC | NC | NC | 4 | | |
| Perchlorate (ClO4) | 6 | 1 | 4 | Range | | | | ND – 2.1 | ppb | Industrial waste discharge |
| | | | | Average | ND | ND | ND | 1.3 | | |

## PRIMARY STANDARDS *(Continued)*

| Parameter | State MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR | | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (CDWC) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC CONTAMINANTS** | | | | | | | | | | |
| Tetrachloroethylene (PCE) | 5 | 0.06 | 0.5 | Range | | | | ND – 0.60 | ppb | Discharge from factories, dry cleaners, and auto shops |
| | | | | Average | ND | ND | ND | 0.05 | | |
| Toluene | 150 | 150 | 0.5 | Range | | | | | ppb | Discharge from petroleum and chemical refineries |
| | | | | Average | 0.6 | ND | ND | ND | | |
| Trichloroethylene (TCE) | 5 | 1.7 | 0.5 | Range | | | | ND – 1.1 | ppb | Discharge from metal degreasing sites and other factories |
| | | | | Average | ND | ND | ND | 0.56 | | |
| **RADIOLOGICALS** | | | | | | | | | | |
| Gross Beta Particle Activity (h) | 50 | ( 0 ) | 4 | Range | | | | | pCi/L | Decay of natural and man-made deposits |
| | | | | Average | ND | 1.79 | NR | NC | | |
| Combined Radium | 5 | (0) | NA | Range | | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | ND | ND (2015) | 0.148 (2016) | NC | | |
| Radium 226 | NA | 0.05 | 1 | Range | | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | ND | ND (2015) | 0.147 (2016) | NC | | |
| Radium 228 | NA | 0.019 | 1 | Range | | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | ND | ND (2015) | 0.001 (2016) | NC | | |
| Strontium-90 | 8 | 0.35 | 2 | Range | | | | | pCi/L | Decay of natural and man-made deposits |
| | | | | Average | ND | 0.13 | NR | NC | | |
| Tritium | 20,000 | 400 | 1,000 | Range | | | | | ppb | Decay of natural and man-made deposits |
| | | | | Average | ND | 377 | NR | NC | | |
| Uranium | 20 | 0.43 | 1 | Range | | | | 2.3 – 3.2 | pCi/L | Erosion of natural deposits |
| | | | | Average | ND | ND (2018) | 2.4 (2017) | 2.8 | | |
| **DISINFECTION BY-PRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BY-PRODUCTS PRECURSORS** | | | | | | | | | | |
| Bromate (k) | 10 | 0.1 | 1.0 | Range | ND – 8.1 | | | | ppm | Byproduct of drinking water disinfection |
| | | | | Average | 1.9 | NA | NA | NC | | |
| Total Trihalomethanes (TTHM) (k) | 80 | NA | 1 | Range | RWD Distribution System-Wide – 1.0 – 48.4 | | | | ppm | By-product of drinking water disinfection |
| | | | | Average | RWD Distribution System-Wide – 31.53 | | | | | |
| Haloacetic Acids (HAA5) (k) | 60 | NA | 1 | Average | RWD Distribution System-Wide – 1.1 – 15.2 | | | | ppm | By-product of drinking water disinfection |
| | | | | Highest | RWD Distribution System-Wide – 12.45 | | | | | |
| Total Chlorine Residual | [4] | [4] | NA | Range | RWD Distribution System-Wide – 2.12 – 2.63 | | | | ppm | Drinking water disinfectant added for treatment |
| | | | | Average | RWD Distribution System-Wide – 2.45 | | | | | |
| Total Organic Carbon (TOC) | TT | NA | 0.30 | Range | 1.7 – 2.6 | 1.07 – 1.16 | | | ppm | Various natural and man-made sources; TOC as a medium for the formation of disinfection byproducts. |
| | | | | Average | 2.4 | 1.12 | ND | NC | | |

## SECONDARY STANDARDS - AESTHETIC STANDARDS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum (d) | 200 | 600 | 50 | Range | ND – 110 | ND – 100 | | | ppb | Erosion of natural deposits; residual from some surface water treatment processes |
| | | | | Average | Highest RAA 122 | ND | ND | ND | | |
| Chloride | 500 | NA | (2) | Range | 46 – 55 | | 6.8 – 9.8 | 20 – 24 | ppm | Runoff / leaching from natural deposits; seawater influence |
| | | | | Average | 50 | 74 | 8.3 | 22 | | |

## SECONDARY STANDARDS - AESTHETIC STANDARDS *(Continued)*

| Parameter | State MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR | Range / Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (CDWC) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| Color | 15 | NA | (1) | Range | ND – 1 | | | | Units | Naturally occurring organic materials |
| | | | | Average | ND | 1 | ND | ND | | |
| Copper (d) (f) | 1 | 0.3 | 0.05 | | RWD Distribution System-Wide – 35 Samples Collected<br>RWD Distribution System-Wide – 90th Percentile Level = 0.255<br>RWD Distribution System-Wide – Samples Exceeding Action Level = 0 | | | | ppm | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Foaming Agents-MBAS | 500 | NA | (50) | Range | | | | | ppb | Municipal and industrial waste discharges |
| | | | | Average | ND | 0.11 | ND | ND | | |
| Iron | 300 | NA | 100 | Range | | | | | ppb | Leaching from natural deposits: industrial wastes |
| | | | | Average | 243 | ND | ND | ND | | |
| Odor Threshold (i) | 3 | NA | 1 | Range | | | | | TON | Naturally occurring organic materials |
| | | | | Average | 1 | 1 | 1 | 1 | | |
| Specific Conductance | 1,600 | NA | NA | Range | 435 – 503 | 300 – 440 | 380 – 410 | | µS/cm | Substances that form ions when in water; seawater influence |
| | | | | Average | 469 | 370 | 395 | 490 | | |
| Sulfate | 500 | NA | 0.5 | Range | 65 – 81 | | 25 – 31 | 40 – 47 | ppm | Runoff / leaching from natural deposits; industrial wastes |
| | | | | Average | 73 | 32 | 28 | 44 | | |
| Total Dissolved Solids (TDS) | 1,000 | NA | (2) | Range | 224 – 289 | | 210 – 230 | 290 – 300 | ppm | Runoff / leaching from natural deposits; seawater influence |
| | | | | Average | 266 | 250 | 220 | 295 | | |

## OTHER PARAMETERS

### GENERAL MINERALS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity | NA | NA | (1) | Range | 67 – 70 | 60 – 77 | 150 – 160 | | ppm | Measure of water quality |
| | | | | Average | 68 | 68.5 | 155 | 170 | | |
| Bicarbonate (HCO3) | NA | NA | NA | Range | | | | | mg/L | Naturally occurring from organic materials |
| | | | | Average | NC | NC | NC | 210 | | |
| Calcium | NA | NA | (0.1) | Range | 23 – 27 | 15 – 19 | 51 – 52 | 66 - 67 | ppm | Measure of water quality |
| | | | | Average | 25 | 17 | 51.5 | 67 | | |
| Magnesium | NA | NA | (0.01) | Range | 11 – 12 | | 1.5 – 8.6 | 12 – 13 | ppm | Measure of water quality |
| | | | | Average | 12 | 11 | 8.05 | 12.5 | | |
| Potassium | NA | NA | (0.2) | Range | 2.2 – 2.7 | | | | ppm | Measure of water quality |
| | | | | Average | 2.4 | 1.8 | 1.4 | 3.6 | | |
| Sodium | NA | NA | (1) | Range | 46 – 54 | | 13 – 22 | 17 – 18 | ppm | Measure of water quality |
| | | | | Average | 50 | 49 | 17.5 | 17.5 | | |
| Total Hardness (as CaCO3) | NA | NA | (1) | Range | 101 – 116 | | 160 – 170 | | ppm | Measure of water quality |
| | | | | Average | 108 | 95 | 165 | 220 | | |
| Total Hardness (Grains per Gallon) | NA | NA | NA | Range | 5.91 - 6.78 | | 9.36 - 9.94 | | gpg | Measure of water quality |
| | | | | Average | 6.32 | 5.56 | 9.65 | 12.87 | | |

### UNREGULATED CONTAMINANTS

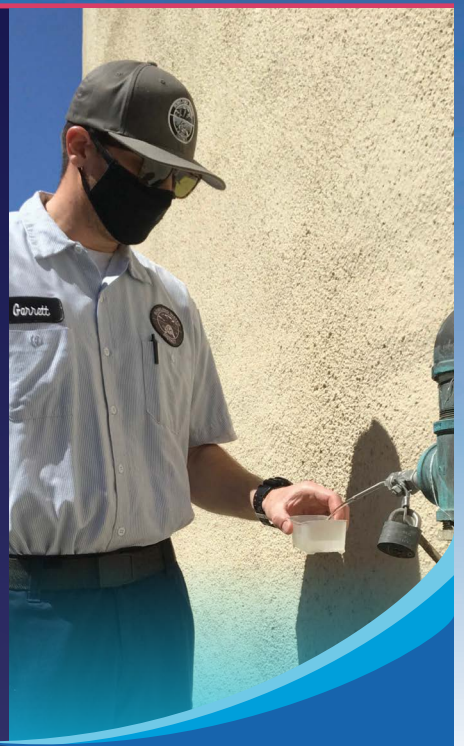
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Boron | NL=1000 | NA | 100 | Range | | 120 – 160 | | | ppb | Runoff / leaching from natural deposits; industrial wastes |
| | | | | Average | 120 | 140 | 150 | ND | | |
| Chlorate | NL=800 | NA | 20 | Range | | | | | ppb | By-product of drinking water chlorination; industrial processes |
| | | | | Average | 42 | ND | NR | NC | | |
| Chromium VI | NA | 0.02 | 1 | Range | | | | 2.6 – 2.8 | ppb | Runoff/leaching from natural deposits; discharge from industrial waste factories |
| | | | | Average | ND | ND | ND | 2.7 | | |

## OTHER PARAMETERS *(Continued)*

| Parameter | State MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR | Range Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (CDWC) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| **MISCELLANEOUS** | | | | | | | | | | |
| Calcium Carbonate Precipitation Potential (CCPP) (l) | NA | NA | NA | Range | 1.1 – 7.3 | NR | NR | NC | ppm | Elemental balance in water; affected by temperature, other factors |
| | | | | Average | 2.6 | | | | | |
| Corrosivity (Aggressiveness Index)(g) | NA | NA | NA | Range | 12.1 – 12.2 | | | 12.01 – 12.53 | AI | Elemental balance in water; affected by temperature, other factors |
| | | | | Average | 12.1 | 11.46 | NR | 12.27 | | |
| Corrosivity (j) (as Saturation Index) | NA | NA | N/A | Range | 0.34 – 0.38 | | | 0.15 – 0.68 | SI | Elemental balance in water; affected by temperature, other factors |
| | | | | Average | 0.36 | -0.33 | NR | 0.62 | | |
| pH | NA | NA | N/A | Range | | | 7.9 – 8.2 | 7.6 – 8.1 | pH units | Measure of water quality |
| | | | | Average | 8.5 | 8.58 | 8.1 | 7.9 | | |

## DEFINITION OF TERMS

**AI** Aggressiveness Index
**AL** Action Level
**Average** Average value of all samples collected
**$CaCO_3$** Calcium Carbonate
**CCPP** Calcium Carbonate Precipitation Potential
**CDWC** California Domestic Water Company
**CFE** Combined Filter Effluent
**CFU** Colony-Forming Units
**DLR** Detection Limits for Purposes of Reporting
**HAA5** Sum of five haloacetic acids
**HPC** Heterotrophic Plate Count
**LRAA** Locational Running Annual Average
**MCL** Maximum Contaminant Level
**MCLG** Maximum Contaminant Level Goal
**MFL** Million Fibers per Liter
**MRDL** Maximum Residual Disinfectant Level
**MRDLG** Maximum Residual Disinfectant Level Goal
**MWD** Metropolitan Water District of Southern California
**NA** Not Applicable
**NC** Not Collected
**NR** Not Required
**ND** Not Detected at or above DLR or RL
**NL** Notification Level to SWRCB
**NTU** Nephelometric Turbidity Units
**pCi/L** picoCuries per Liter
**PHG** Public Health Goal
**ppb** parts per billion or micrograms per liter (µg/L)
**ppm** parts per million or milligrams per liter (mg/L)
**ppq** parts per quadrillion or picograms per liter (pg/L)
**RAA** Running Annual Average
**Range** Lowest to highest sampling results
**RL** Reporting Limit
**SI** Saturation Index (Langelier)
**SWRCB** State Water Resources Control Board
**TDS** Total Dissolved Solids
**TON** Threshold Odor Number
**TT** Treatment Technique is a required process intended to reduce the level of a contaminate in drinking water
**TTHM** Total Trihalomethanes
**TVMWD** Three Valleys Municipal Water District



# GLOSSARY

**Maximum Contaminant Level (MCL):** 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 are set to protect the odor, taste, and appearance of drinking water.

**Maximum Contaminant Level Goal (MCLG):** 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. Environmental Protection Agency.

**Public Health Goal (PHG):** 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 Environmental Protection Agency.

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

**Maximum Residual Disinfectant Level (MRDL):** 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.

**Maximum Residual Disinfectant Level Goal (MRDLG):** 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.

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

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

**Running Annual Average (RAA):** Highest RAA is the highest of all Running Annual Averages calculated as an average of all within a 12-month period.

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

# NOTES

**(a)** Metropolitan and Three Valleys MWD monitor turbidity at the CFE locations using continuous and grab samples. Turbidity, a measure of cloudiness of the water, is an indicator of treatment performance. Turbidity was in compliance with the TT primary drinking water standard and the secondary drinking water standard of less than 5 NTU.

**(b)** Results are based on Rowland Water District's distribution system's highest monthly percent positives. 954 samples were analyzed in 2019. The highest monthly percentage was 0%. Total coliform MCLs: No more than 5.0% of the monthly samples may be total coliform positive.

**(c)** The MCL for E. coli is based on routine and repeat samples that are total coliform-positive, and either is E. coli-positive or the system fails to take repeat samples following an E. coli-positive routine sample, or the system fails to analyze a total coliform-positive repeat sample for E. coli. The MCL was not violated.

**(d)** Aluminum and Copper have both primary and secondary standards.

**(e)** All distribution system samples had detectable total chlorine residuals, so no HPC was required. Metropolitan and Three Valleys MWD monitors HPCs to ensure treatment process efficacy.

**(f)** Lead and Copper samples are required to be collected once every three years during the months of June - September. Sample results are from 2018.

**(g)** AI ≥ 12.0 = Non-aggressive water; AI 10.0–11.9 = Moderately aggressive water; AI ≤ 10.0 = Highly aggressive water. Reference: ANSI/AWWA Standard C400-93 (R98)

**(h)** Gross beta particle activity MCL is 4 millirem/year annual dose equivalent to the total body or any internal organ. 50 pCi/L is used as a screening level.

**(i)** Compliance with odor threshold secondary MCL is based on RAA. Treatment plants begin quarterly monitoring if annual monitoring results are above 3.

**(j)** SI measures the tendency for a water to precipitate or dissolve calcium carbonate (a natural mineral in water). Water with SI <-2.0 is highly corrosive and would be corrosive to almost all materials found in a typical water system. SI between -2.0 to 0 indicates a balanced water and SI >0.5 is scale forming.

**(k)** RWD was in compliance with all provisions of the Stage 2 Disinfectants and Disinfection By-Products Rule (D/DBPR). Compliance was based on the highest Locational Running Annual Average (LRAA) of all data collected at distribution system-wide monitoring locations.

**(l)** Positive CCPP = non corrosive; tendency to precipitate and/or deposit scales on pipe. Negative CCPP = corrosive; tendency to dissolve calcium carbonate. Reference: Standard Methods (SM 2330)

## Rowland Water District

3021 Fullerton Road
Rowland Heights, CA 91748
(562) 697-1726


**OFFICE HOURS:**
Monday - Thursday
8 a.m. to 5:30 p.m.

Friday 8 a.m. to 4:30 p.m.
Closed on alternating Fridays

**AFTER HOURS**
Emergency Service: (562) 697-1726

*For questions or more information about this report, please contact* **Roy Frausto**, *Engineering & Compliance Manager at (562) 697-1726, or visit us online at www.RowlandWater.com*

## Our Mission

*Bound by our core values – Accountability, Communication and Teamwork – we are committed to providing the highest level of service to our customers*

## Board of Directors

Robert W. Lewis - Division IV
*President*

Teresa P. Rios - Division I
*Vice President*

Anthony J. Lima - Division II
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*Director*

Szu Pei Lu-Yang - Division V
*Director*

Tom Coleman
*General Manager*

**www.RowlandWater.com**

# 2020 ANNUAL Water Quality REPORT

**Published June 2021**

## KNOW YOUR WATER

This report contains important information about your drinking water. Translate it or speak with someone who understands it.

Este informe contiene información muy importante sobre su agua de beber. Tradúzcalo ó hable con alguien que lo entienda bien.

Itong ulat ay may mahalagang impormasyon tungkol sa tubig na iniinom ninyo. Ipasalin ito o kausapin ang isang tao na nakakaintindi nito.

本報告包含有關您飲用水的重要資訊。將它翻譯為中文或向能夠理解其內容之人士諮詢。

Phúc trình này có các chi tiết quan trọng về nước uống của quý vị. Hãy dịch ra ngôn ngữ của quý vị hoặc hỏi người hiểu tiếng Anh.

이 보고서는 당신이 마시는 물에 관한 중요한 정보를 포함합니다. 번역을 하시든지 또는 이를 이해할 수 있는 분과 상담하십시요.

RowlandWater.com

# INFORMATION ABOUT YOUR WATER

Established in 1953, Rowland Water District originally supplied water to about 200 ranchers and farmers, and now serves approximately 58,000 people in parts of Rowland Heights, La Puente, Hacienda Heights, and the cities of Industry and West Covina.

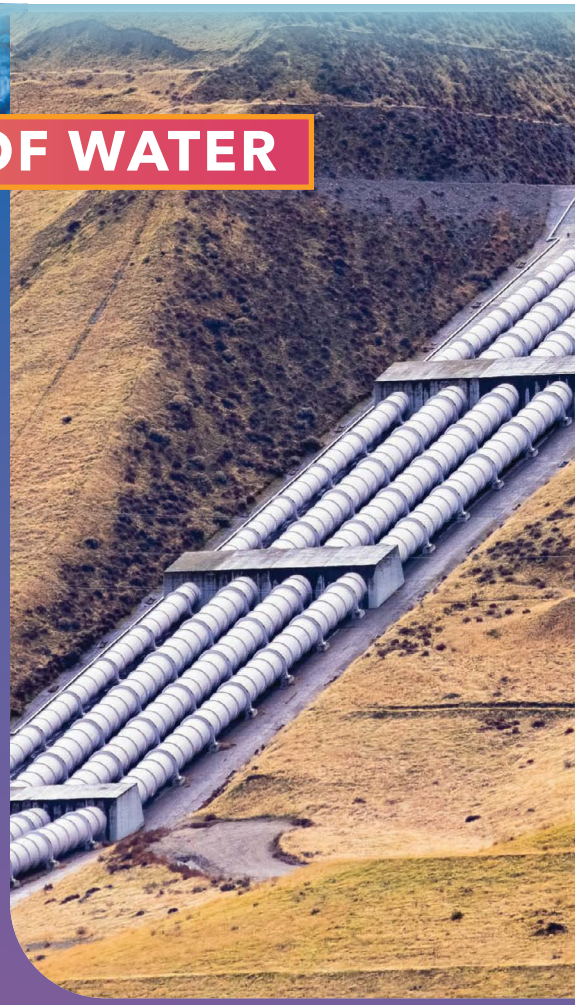
The District is governed by a publicly elected Board of Directors with five members, each representing a specific division of the service area. Maintaining the highest quality and most reliable drinking water supply, as well as establishing District policy and the annual budget, are the Board's primary functions.

Board meetings are scheduled for the second Tuesday of each month (unless otherwise noted) and held at the District office at 3021 Fullerton Road, Rowland Heights, CA 91748. Board meetings begin at 5 p.m. Agendas are posted at the District office 72 hours in advance of the meeting and on the District's website at **www.rowlandwater.com/agendas-minutes**.

Comprehensive water quality reporting is done on an annual basis and describes the sources of potable water, as well as the supply's composition and how it compares to state and federal health and safety standards.

Rowland Water District is committed to providing safe drinking water and strives to maintain the highest level of public confidence within the community. The District is committed to keeping customers well informed on all issues related to water supply, quality and conservation.

# SOURCES OF WATER



In December 2002, Metropolitan Water District completed a source water assessment of its Colorado River and State Water Project supplies. Colorado River water is considered to be most vulnerable to the effects of recreation, urban and stormwater runoff, increasing urbanization in the watershed, and wastewater. The State Water Project is considered to be most vulnerable to the effects of urban and stormwater runoff, wildlife, agriculture, recreation, and wastewater. A copy of the assessment can be obtained by contacting Metropolitan Water District at (213) 217-6000. In addition to these sources, Rowland Water District stores supplemental groundwater in the Main San Gabriel Basin and Central Basin.

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

The sources of drinking water (both tap 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 materials, and can pick up substances resulting from the presence of animals or from human activity.

# CONTAMINANTS THAT MAY BE PRESENT IN SOURCE WATER

***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 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 that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.

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

To ensure that water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board, Division of Drinking Water (DDW) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. DDW regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Some people may be more vulnerable to contaminants found in drinking water than the general population. Immuno-compromised persons, such as those with cancer undergoing chemotherapy, people who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk for infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available by calling the Safe Drinking Water Hotline at (800) 426-4791.

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. Rowland Water District is responsible for providing high quality drinking water but cannot control the variety of materials used in household 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 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/lead.***

# 2020 SAMPLE RESULTS

*For specific questions regarding this report or any additional questions related to District drinking water, please contact Dusty Moisio, Director of Operations, at (562) 697-1726 or email info@rowlandwater.com.*

Unless otherwise noted, the data presented in this table is from testing completed January 1 - December 31, 2020. The state requires the District to monitor for certain contaminants less than once per year because the concentrations are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old. Unregulated contaminant monitoring helps EPA and the DDW determine where certain contaminants occur and whether they need to be regulated.

## PRIMARY STANDARDS

| Parameter | State MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR | Range / Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (CDWC) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| **CLARITY** | | | | | | | | | | |
| Combined Filter Effluent (CFE) | TT | NA | NA | Highest | 0.04 | 0.073 | 0.790 | | NTU | |
| Turbidity (a) | TT | NA | NA | % <0.3 | 100% | 100% | 100% | ND | % | Soil Runoff |
| **MICROBIOLOGICAL** | | | | | | | | | | |
| Total Coliform Bacteria (b) (Total Coliform Rule) | 5% | (0) | NA | | RWD Distribution System-Wide – 0% | | | | % | Naturally present in the environment |
| Fecal Coliform and E.coli (c) (Total Coliform Rule) | (c) | (0) | NA | | RWD Distribution System-Wide – 0% | | | | (c) | Human and animal fecal waste |
| Heterotrophic Plate Count (e) | TT | NA | (1) | Range | | | | | CFU/mL | Naturally present in the environment |
| | | | | Average | ND | ND | ND | NC | | |
| **INORGANIC CHEMICALS** | | | | | | | | | | |
| Aluminum (d) | 1000 | 600 | 50 | Range | 80 – 210 | | | | ppb | Residue from water treatment process; natural deposits; erosion |
| | | | | Average | 149 | ND | ND | NC | | |
| Arsenic | 10 | .004 | 2 | Range | | | | ND – 2.6 | ppb | Erosion of natural deposits: glass & electronics production wastes: runoff |
| | | | | Average | ND | ND | ND | 2.2 | | |
| Barium | 1000 | 2000 | 100 | Range | | | | 120 – 130 | ppb | Discharge of oil drilling waste and from metal refineries; erosion of natural deposits |
| | | | | Average | 105 | ND | ND | 125 | | |
| Copper (d) (f) | AL=1.3 | 0.3 | 0.05 | | RWD Distribution System-Wide – 35 Samples Collected<br>RWD Distribution System-Wide – 90th Percentile Level = 0.255<br>RWD Distribution System-Wide – Samples Exceeding Action Level = 0 | | | | ppm | Internal corrosion of household pipes; erosion of natural deposits |
| Fluoride (m) | 2 | 1 | 0.1 | Range | 0.6 – 0.8 | ND – 0.11 | 0.38 – 0.56 | 0.28 – 0.32 | ppm | Erosion of natural deposits; water additive that promotes strong teeth |
| | | | | Average | 0.7 | 0.055 | 0.47 | 0.3 | | |
| Lead (f) | AL=15 | 0.2 | 5 | | RWD Distribution System-Wide – 35 Samples Collected<br>RWD Distribution System-Wide – 90th Percentile Level = ND<br>RWD Distribution System-Wide – Samples Exceeding Action Level = 0 | | | | ppb | Internal corrosion of household pipes; erosion of natural deposits |
| Nitrate (as N) | 10 | 10 | 0.4 | Range | | ND – 0.57 | 2.2 – 2.8 | 3.1 – 4.6 | ppm | Runoff and leaching from fertilizer use; sewage; erosion of natural deposits |
| | | | | Average | ND | 0.285 | 2.57 | 3.7 | | |
| Nitrate + Nitrite (as N) | 10 | NA | NA | Range | | | | 3.1 – 3.7 | ppm | Runoff and leaching from fertilizer use; sewage; erosion of natural deposits |
| | | | | Average | NC | NC | NC | 3.4 | | |
| Perchlorate (ClO4) | 6 | 1 | 4 | Range | | | | ND – 3.1 | ppb | Industrial waste discharge |
| | | | | Average | ND | ND | ND | 1.6 | | |

## PRIMARY STANDARDS *(Continued)*

| Parameter | State MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR | Range Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (CDWC) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC CONTAMINANTS** | | | | | | | | | | |
| Tetrachloroethylene (PCE) | 200 | 1.7 | 10 | Range | | | | | ppt | Banned nematicide that may still be present in soils due to runoff/ leaching |
| | | | | Average | ND | ND | 0.029 | NC | | |
| Tetrachloroethylene (PCE) | 5 | 0.06 | 0.5 | Range | | | | | ppb | Discharge from factories, dry cleaners, and auto shops |
| | | | | Average | ND | ND | ND | ND | | |
| Toluene | 150 | 150 | 0.5 | Range | | | | | ppb | Discharge from petroleum and chemical refineries |
| | | | | Average | ND | ND | ND | ND | | |
| Trichloroethylene (TCE) | 5 | 1.7 | 0.5 | Range | | | | ND – 1.1 | ppb | Discharge from metal degreasing sites and other factories |
| | | | | Average | ND | ND | ND | 0.73 | | |
| **RADIOLOGICALS** | | | | | | | | | | |
| Gross Beta Particle Activity (h) | 50 | (0) | 4 | Range | ND – 6 | | | NC | pCi/L | Decay of natural and man-made deposits |
| | | | | Average | 4 | 2.49 | NR | NC | | |
| Combined Radium | 5 | (0) | NA | Range | ND – 6 | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | 4 | ND (2015) | 0.148 (2016) | NC | | |
| Radium 226 | NA | 0.05 | 1 | Range | ND – 6 | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | 4 | ND (2015) | 0.147 (2016) | NC | | |
| Radium 228 | NA | 0.019 | 1 | Range | ND – 2 | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | ND | ND (2015) | 0.001 (2016) | NC | | |
| Strontium-90 | 8 | 0.35 | 2 | Range | | | | | pCi/L | Decay of natural and man-made deposits |
| | | | | Average | ND | 0.16 | NR | NC | | |
| Tritium | 20,000 | 400 | 1,000 | Range | | | | | pCi/L | Decay of natural and man-made deposits |
| | | | | Average | ND | 424 | NR | NC | | |
| Uranium | 20 | 0.43 | 1 | Range | 1 – 3 | | | 2 – 3.2 | pCi/L | Erosion of natural deposits |
| | | | | Average | 2 | ND (2018) | 2.4 (2017) | 2.7 | | |
| **DISINFECTION BY-PRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BY-PRODUCTS PRECURSORS** | | | | | | | | | | |
| Bromate (k) | 10 | 0.1 | 1.0 | Range | | | | | ppb | By-product of drinking water disinfection |
| | | | | Average | 2 | NA | NA | NC | | |
| Total Trihalomethanes (TTHM) (k) | 80 | NA | 1 | Range | RWD Distribution System-Wide – 4.4 - 36.1 | | | | ppb | By-product of drinking water disinfection |
| | | | | Average | RWD Distribution System-Wide – 21.94 | | | | | |
| Haloacetic Acids (HAA5) (k) | 60 | NA | 1 | Average | RWD Distribution System-Wide – 1.6 – 16.4 | | | | ppb | By-product of drinking water disinfection |
| | | | | Highest | RWD Distribution System-Wide – 9.16 | | | | | |
| Total Chlorine Residual | [4] | [4] | NA | Range | RWD Distribution System-Wide – 2.46 – 2.77 | | | | ppm | Drinking water disinfectant added for treatment |
| | | | | Average | RWD Distribution System-Wide – 2.64 | | | | | |
| Total Organic Carbon (TOC) | TT | NA | 0.30 | Range | 2.1-2.6 | 1.8-2.6 | | | ppm | Various natural and man-made sources; TOC as a medium for the formation of disinfection by-products. |
| | | | | Average | 2.4 | 2.1 | ND | NC | | |

## SECONDARY STANDARDS - AESTHETIC STANDARDS

| Parameter | State MCL | PHG (MCLG) | State DLR | Range / Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (LHHCWD) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum (d) | 200 | 600 | 50 | Range | 149 | | | | ppb | Erosion of natural deposits; residual from some surface water treatment processes |
| | | | | Average | Highest RAA | ND | ND | ND | | |
| Chloride | 500 | NA | (2) | Range | | | 5.8 – 7.1 | 19 – 20 | Units | Residue from water treatment processes; natural deposits erosion |
| | | | | Average | 93 | 62 | 6.45 | 19.5 | | |
| Color | 15 | NA | (1) | Range | | ND – 5.0 | | | Units | Naturally occurring organic materials |
| | | | | Average | 1 | 2.5 | ND | ND | | |
| Copper (d) (f) | 1 | 0.3 | 0.05 | | RWD Distribution System-Wide – 35 Samples Collected<br>RWD Distribution System-Wide – 90th Percentile Level = 0.255<br>RWD Distribution System-Wide – Samples Exceeding Action Level = 0 | | | | ppm | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Foaming Agents-MBAS | 500 | NA | (50) | Range | | | | | ppb | Municipal and industrial waste discharges |
| | | | | Average | ND | ND | ND | ND | | |
| Iron | 300 | NA | 100 | Range | | | | | ppb | Leaching from natural deposits: industrial wastes |
| | | | | Average | ND | ND | ND | ND | | |
| Odor Threshold (i) | 3 | NA | 1 | Range | | 1 – 2 | | | TON | Naturally occurring organic materials |
| | | | | Average | 2 | 1.5 | 1 | 1 | | |
| Specific Conductance | 1,600 | NA | NA | Range | 963 – 968 | 420 – 440 | 390 – 450 | 480 – 490 | µS/cm | Substances that form ions when in water; seawater influence |
| | | | | Average | 966 | 430 | 416.67 | 485 | | |
| Sulfate | 500 | NA | 0.5 | Range | 211 – 215 | 32 – 41 | 21 – 28 | 41 – 42 | ppm | Runoff / leaching from natural deposits; industrial wastes |
| | | | | Average | 213 | 36.5 | 24.5 | 41.5 | | |
| Total Dissolved Solids (TDS) | 1,000 | NA | (2) | Range | 587 – 593 | | 240 – 260 | 280 – 310 | ppm | Runoff / leaching from natural deposits; seawater influence |
| | | | | Average | 590 | 250 | 250 | 295 | | |

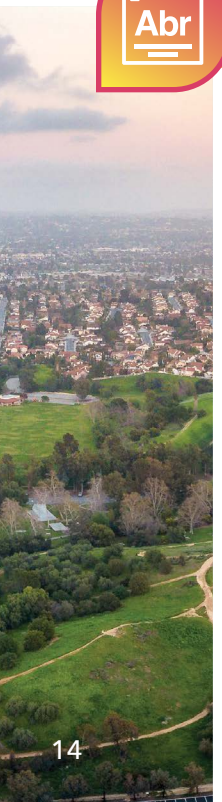
## OTHER PARAMETERS

### GENERAL MINERALS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity | NA | NA | (1) | Range | 118 – 119 | 68 – 88 | | | ppm | Measure of water quality |
| | | | | Average | 118 | 80.6 | 160 | 170 | | |
| Bicarbonate (HCO3) | NA | NA | NA | Range | | | | | mg/L | Naturally occurring from organic materials |
| | | | | Average | NC | NC | NC | 200 | | |
| Calcium | NA | NA | (0.1) | Range | | 21 – 23 | 55 – 57 | | ppm | Measure of water quality |
| | | | | Average | 65 | 22 | 56 | 65 | | |
| Magnesium | NA | NA | (0.01) | Range | | 7.7 – 11 | 8.4 – 8.7 | | ppm | Measure of water quality |
| | | | | Average | 26 | 9.35 | 8.55 | 12 | | |
| Perfluorooctanesulfonic acid (PFOS) | NL = 6.5 | NA | 1.7 | Range | | | | ND – 2.5 | ppb | Discharge from manufacturing facilities |
| | | | | Average | NC | NC | NC | 0.83 | | |
| Potassium | NA | NA | (0.2) | Range | 4.5 – 4.6 | 2.0 – 2.4 | 1.4 – 1.7 | | ppm | Measure of water quality |
| | | | | Average | 4.6 | 2.2 | 1.55 | 3.2 | | |
| Sodium | NA | NA | (1) | Range | 93 – 97 | 48 – 50 | 13 – 23 | 16 – 17 | ppm | Measure of water quality |
| | | | | Average | 95 | 49 | 18 | 16.5 | | |
| Total Hardness (as CaCO3) | NA | NA | (1) | Range | 256 – 268 | | 170 – 180 | | ppm | Measure of water quality |
| | | | | Average | 262 | 97 | 175 | 210 | | |
| Total Hardness (Grains per Gallon) | NA | NA | NA | Range | 14.97 – 15.67 | | 9.94 – 10.53 | | gpg | Measure of water quality |
| | | | | Average | 15.32 | 5.67 | 10.23 | 12.28 | | |

## OTHER PARAMETERS *(Continued)*

| Parameter | State MCL | PHG (MCLG) | State DLR | Range Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (LHHCWD) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| **UNREGULATED CONTAMINANTS** | | | | | | | | | | |
| Boron | NL=1000 | NA | 100 | Range | | 150 – 220 | ND – 160 | | ppb | Runoff / leaching from natural deposits; industrial wastes |
| | | | | Average | 130 | 180 | 80 | ND | | |
| Chlorate | NL=800 | NA | 20 | Range | | | | | ppb | By-product of drinking water chlorination; industrial processes |
| | | | | Average | 76 | NR | NR | NC | | |
| Chromium VI | NA | 0.02 | 1 | Range | | | | 2.5 – 2.7 | ppb | Runoff/leaching from natural deposits; discharge from industrial waste factories |
| | | | | Average | ND | ND | ND | 2.6 | | |
| **MISCELLANEOUS** | | | | | | | | | | |
| Calcium Carbonate Precipitation Potential (CCPP) (l) | NA | NA | NA | Range | 3.3 – 9.9 | NR | NR | NC | ppm | Elemental balance in water; affected by temperature, other factors |
| | | | | Average | 7.4 | | | | | |
| Corrosivity (Aggressiveness Index)(g) | NA | NA | NA | Range | | | | 12.27 – 12.48 | AI | Elemental balance in water; affected by temperature, other factors |
| | | | | Average | 12.4 | 12.26 | NR | 12.38 | | |
| Corrosivity (j) (as Saturation Index) | NA | NA | N/A | Range | 0.48 – 0.65 | | | 0.42 – 0.66 | SI | Elemental balance in water; affected by temperature, other factors |
| | | | | Average | 0.56 | 0.36 | NR | 0.54 | | |
| pH | NA | NA | N/A | Range | | 8.2 – 8.6 | 8.0 – 8.5 | 7.8 – 8.1 | pH units | Measure of water quality |
| | | | | Average | 8.1 | 8.43 | 8.1 | 8.0 | | |



## DEFINITION OF TERMS

**AI** Aggressiveness Index

**AL** Action Level

**Average** Average value of all samples collected

**$CaCO_3$** Calcium Carbonate

**CCPP** Calcium Carbonate Precipitation Potential

**CDWC** California Domestic Water Company

**CFE** Combined Filter Effluent

**CFU** Colony-Forming Units

**DLR** Detection Limits for Purposes of Reporting

**HAA5** Sum of five haloacetic acids

**HPC** Heterotrophic Plate Count

**LRAA** Locational Running Annual Average

**MCL** Maximum Contaminant Level

**MCLG** Maximum Contaminant Level Goal

**MFL** Million Fibers per Liter

**MRDL** Maximum Residual Disinfectant Level

**MRDLG** Maximum Residual Disinfectant Level Goal

**MWD** Metropolitan Water District of Southern California

**NA** Not Applicable

**NC** Not Collected

**NR** Not Required

**ND** Not Detected at or above DLR or RL

**NL** Notification Level to SWRCB

**NTU** Nephelometric Turbidity Units

**pCi/L** PicoCuries per Liter

**PHG** Public Health Goal

**ppb** Parts per billion or micrograms per liter (µg/L)

**ppm** Parts per million or milligrams per liter (mg/L)

**ppq** Parts per quadrillion or picograms per liter (pg/L)

**RAA** Running Annual Average

**Range** Lowest to highest sampling results

**RL** Reporting Limit

**SI** Saturation Index (Langelier)

**SWRCB** State Water Resources Control Board

**TDS** Total Dissolved Solids

**TON** Threshold Odor Number

**TT** Treatment Technique is a required process intended to reduce the level of a contaminate in drinking water

**TTHM** Total Trihalomethanes

**TVMWD** Three Valleys Municipal Water District

# GLOSSARY

**Maximum Contaminant Level (MCL):** 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 are set to protect the odor, taste, and appearance of drinking water.

**Maximum Contaminant Level Goal (MCLG):** 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. Environmental Protection Agency.

**Public Health Goal (PHG):** 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 Environmental Protection Agency.

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

**Maximum Residual Disinfectant Level (MRDL):** 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.

**Maximum Residual Disinfectant Level Goal (MRDLG):** 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.

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

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

**Running Annual Average (RAA):** Highest RAA is the highest of all Running Annual Averages calculated as an average of all within a 12-month period.

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

# NOTES

**(a)** Metropolitan and Three Valleys MWD monitor turbidity at the CFE locations using continuous and grab samples. Turbidity, a measure of cloudiness of the water, is an indicator of treatment performance. Turbidity was in compliance with the TT primary drinking water standard and the secondary drinking water standard of less than 5 NTU.

**(b)** Results are based on Rowland Water District's distribution system's highest monthly percent positives. 936 samples were analyzed in 2020. The highest monthly percentage was 0%. Total coliform MCLs: No more than 5.0% of the monthly samples may be total coliform positive.

**(c)** The MCL for E. coli is based on routine and repeat samples that are total coliform-positive, and either is E. coli-positive or the system fails to take repeat samples following an E. coli-positive routine sample, or the system fails to analyze a total coliform-positive repeat sample for E. coli. The MCL was not violated.

**(d)** Aluminum and Copper have both primary and secondary standards.

**(e)** All distribution system samples had detectable total chlorine residuals, so no HPC was required. Metropolitan and Three Valleys MWD monitor HPCs to ensure treatment process efficacy.

**(f)** Lead and Copper samples are required to be collected once every three years during the months of June - September. Sample results are from 2018.

**(g)** AI ≥ 12.0 = Non-aggressive water; AI10.0–11.9 = Moderately aggressive water; AI ≤ 10.0 = Highly aggressive water. Reference: ANSI/AWWA Standard C400-93 (R98)

**(h)** Gross beta particle activity MCL is 4 millirem/year annual dose equivalent to the total body or any internal organ. 50 pCi/L is used as a screening level.

**(i)** Compliance with odor threshold secondary MCL is based on RAA. Treatment plants begin quarterly monitoring if annual monitoring results are above 3.

**(j)** SI measures the tendency for a water to precipitate or dissolve calcium carbonate (a natural mineral in water). Water with SI <-2.0 is highly corrosive and would be corrosive to almost all materials found in a typical water system. SI between -2.0 to 0 indicates a balanced water and SI >0.5 is scale forming.

**(k)** RWD was in compliance with all provisions of the Stage 2 Disinfectants and Disinfection By-Products Rule (D/DBPR). Compliance was based on the highest Locational Running Annual Average (LRAA) of all data collected at distribution system-wide monitoring locations.

**(l)** Positive CCPP = non corrosive; tendency to precipitate and/or deposit scales on pipe. Negative CCPP = corrosive; tendency to dissolve calcium carbonate. Reference: Standard Methods (SM 2330)

**(m)** Metropolitan was in compliance with all provisions of the State's fluoridation system requirements. Fluoride feed systems were temporarily out of service during treatment plant shutdowns and/or maintenance work in 2020, resulting in occasional fluoride levels below 0.7 mg/L. TVMWD does not have fluoride feed systems and all fluoride results are naturally occurring.

**Rowland Water District**
3021 Fullerton Road
Rowland Heights, CA 91748
(562) 697-1726

*For questions or more information about this report, please contact **Dusty Moisio**, Director of Operations, at (562) 697-1726, or visit us online at www.RowlandWater.com*

**OFFICE HOURS:**
Monday - Thursday
7 a.m. to 4:30 p.m.

Friday 7 a.m. to 3:30 p.m.
Closed on alternating Fridays

**AFTER HOURS**
Emergency Service: (562) 697-1726

RowlandWater.com

## Our Mission

*Bound by our core values – Accountability, Communication and Teamwork – we are committed to providing the highest level of service to our customers.*

## Board of Directors

Anthony J. Lima - Division II
*President*

John E. Bellah - Division III
*Director*

Vanessa Hsu - Division I
*Director*

Szu Pei Lu-Yang - Division V
*Vice President*

Robert W. Lewis - Division IV
*Director*

Tom Coleman
*General Manager*

Rowland Water District's

# 2021 ANNUAL Water Quality REPORT

Published June 2022

## KNOW YOUR WATER

This report contains important information about your drinking water. Translate it or speak with someone who understands it.

Este informe contiene información muy importante sobre su agua de beber. Tradúzcalo ó hable con alguien que lo entienda bien.

此報告中包含有關您的飲用水的重要資訊。您可請求翻譯或與能夠讀懂此報告的人交談。

해당 보고서에는 식수에 대한 중요한 정보가 포함되어 있습니다. 내용을 이해하는 사람이 번역하거나 혹은 그러한 사람과 의논해 주십시오.

Naglalaman ang ulat na ito ng mahalagang impormasyon tungkol sa iyong inuming tubig. Isalin ito o makipag-usap sa isang taong nakauunawa rito.

Báo cáo này có các thông tin quan trọng về nước uống của quý vị. Hãy biên dịch báo cáo hoặc thảo luận với người hiểu được báo cáo.

**RWD.org**

# INFORMATION ABOUT YOUR WATER

Established in 1953, Rowland Water District originally supplied water to about 200 ranchers and farmers, and now serves approximately 60,000 people in parts of Rowland Heights, La Puente, Hacienda Heights, and the cities of Industry and West Covina.

The District is governed by a publicly elected Board of Directors with five members, each representing a specific division of the service area. Maintaining the highest quality and most reliable drinking water supply, as well as establishing District policy and the annual budget, are the Board's primary functions.

**Board meetings are scheduled for the second Tuesday of each month** *(unless otherwise noted)* and held at the District office at: 3021 Fullerton Road, Rowland Heights, CA 91748.

Board meetings begin at 6:00 p.m. Agendas are posted at the District office 72 hours in advance of the meeting and on the District's website at **rwd.org/agendas-minutes.**

Comprehensive water quality reporting is done on an annual basis and describes the sources of potable water, as well as the supply's composition and how it compares to state and federal health and safety standards.

Rowland Water District is committed to providing safe drinking water and strives to maintain the highest level of public confidence within the community. The District is committed to keeping customers well informed on all issues related to water supply, quality, and conservation.

# SOURCES OF WATER

In December 2002, Metropolitan Water District completed a source water assessment of its Colorado River and State Water Project supplies. Colorado River water is considered to be most vulnerable to the effects of recreation, urban and stormwater runoff, increasing urbanization in the watershed, and wastewater. The State Water Project is considered to be most vulnerable to the effects of urban and stormwater runoff, wildlife, agriculture, recreation, and wastewater. A copy of the assessment can be obtained by contacting Metropolitan Water District at (213) 217-6000. In addition to these sources, Rowland Water District stores supplemental groundwater in the Main San Gabriel Basin and Central Basin.

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

The sources of drinking water (both tap 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 materials, and can pick up substances resulting from the presence of animals or from human activity.

# CONTAMINANTS THAT MAY BE PRESENT IN SOURCE WATER

***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 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 that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.

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

To ensure that water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board, Division of Drinking Water (DDW) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. DDW regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

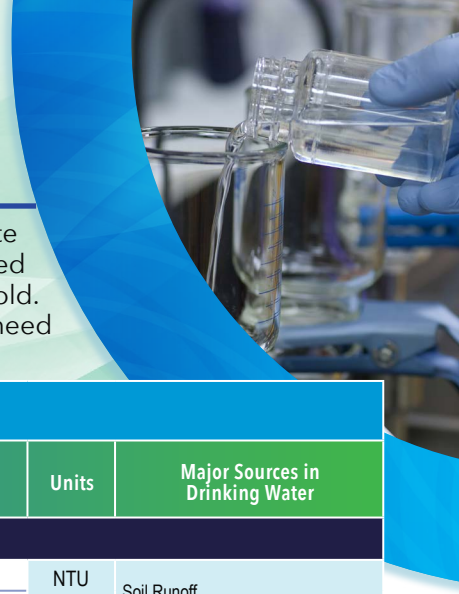
Some people may be more vulnerable to contaminants found in drinking water than the general population. Immuno-compromised persons, such as those with cancer undergoing chemotherapy, people who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk for infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available by calling the Safe Drinking Water Hotline at (800) 426-4791.

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. Rowland Water District is responsible for providing high quality drinking water but cannot control the variety of materials used in household 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 are concerned about lead in your water, you may 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/lead.***

# 2021 SAMPLE RESULTS

*For specific questions regarding this report or any additional questions related to District drinking water, please contact **Elisabeth Mendez, Compliance & Safety Coordinator, at (562) 697-1726** or email info@rowlandwater.com.*



Unless otherwise noted, the data presented in this table is from testing completed January 1 - December 31, 2021. The state requires the District to monitor for certain contaminants less than once per year because the concentrations are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old. Unregulated contaminant monitoring helps EPA and the DDW determine where certain contaminants occur and whether they need to be regulated.

## PRIMARY STANDARDS

| Parameter | State MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR | Range / Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (CDWC) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| **CLARITY** | | | | | | | | | | |
| Combined Filter Effluent (CFE) | TT | NA | NA | Highest | 0.03 | 0.06 | 0.57 | | NTU | Soil Runoff |
| Turbidity (a) | TT | NA | NA | % <0.3 | 100% | 100% | 100% | ND | % | |
| **MICROBIOLOGICAL** | | | | | | | | | | |
| Total Coliform Bacteria (b) (Total Coliform Rule) | 5% | (0) | NA | | RWD Distribution System-Wide – 1.3% | | | | % | Naturally present in the environment |
| Fecal Coliform and E.coli (c) (Total Coliform Rule) | (c) | (0) | NA | | RWD Distribution System-Wide – 0% | | | | (c) | Human and animal fecal waste |
| Heterotrophic Plate Count (e) | TT | NA | (1) | Range | | | | | CFU/mL | Naturally present in the environment |
| | | | | Average | ND | ND | ND | NC | | |
| **INORGANIC CHEMICALS** | | | | | | | | | | |
| Aluminum (d) (p) | 1000 | 600 | 50 | Range | ND – 240 | | | | ppb | Residue from water treatment process; erosion of natural deposits |
| | | | | Average | 148 | ND | NC | ND | | |
| Arsenic | 10 | .004 | 2 | Range | | | | ND – 2.7 | ppb | Erosion of natural deposits: glass & electronics production wastes |
| | | | | Average | ND | ND | ND | 2 | | |
| Barium | 1000 | 2000 | 100 | Range | | | | 120 – 130 | ppb | Discharge of oil drilling waste and from metal refineries; erosion of natural deposits |
| | | | | Average | 110 | ND | ND | 125 | | |
| Copper (d) (f) | AL = 1.3 | 0.3 | 0.05 | | RWD Distribution System-Wide – 36 Samples Collected<br>RWD Distribution System-Wide – 90th Percentile Level = 0.120<br>RWD Distribution System-Wide – Samples Exceeding Action Level = 0 | | | | ppm | Internal corrosion of household pipes; erosion of natural deposits |
| Fluoride (m) | 2 | 1 | 0.1 | Range | 0.6 – 0.9 | | | 0.30 – 0.32 | ppm | Erosion of natural deposits; water additive that promotes strong teeth |
| | | | | Average | 0.7 | 0.11 | NC | 0.31 | | |
| Lead (f) | AL = 15 | 0.2 | 5 | | RWD Distribution System-Wide – 36 Samples Collected<br>RWD Distribution System-Wide – 90th Percentile Level = ND<br>RWD Distribution System-Wide – Samples Exceeding Action Level = 0 | | | | ppb | Internal corrosion of household pipes; erosion of natural deposits |
| Nitrate (as N) | 10 | 10 | 0.4 | Range | | 0.42 – 0.44 | 2.2 – 2.9 | 3.0 – 4.6 | ppm | Runoff and leaching from fertilizer use; septic tank and sewage; erosion or natural deposits |
| | | | | Average | ND | 0.43 | 2.51 | 3.6 | | |
| Nitrate + Nitrite (as N) | 10 | NA | NA | Range | | | | 3.4 | ppm | Runoff and leaching from fertilizer use; septic tank and sewage; erosion or natural deposits |
| | | | | Average | NC | NC | NC | 3.4 | | |
| Perchlorate (ClO4) | 6 | 1 | 4 | Range | | | | .57 – 4.4 | ppb | Industrial waste discharge |
| | | | | Average | ND | ND | ND | 1.9 | | |

## PRIMARY STANDARDS *(Continued)*

| Parameter | State MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR | Range Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (CDWC) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC CONTAMINANTS** | | | | | | | | | | |
| Dibromochloropropane (DBCP) | 200 | 1.7 | 10 | Range | | | | | ppt | Banned nematicide that may still be present in soils due to runoff/ leaching |
| | | | | Average | ND | ND | ND | NC | | |
| Tetrachloroethylene (PCE) | 5 | 0.06 | 0.5 | Range | | | | ND – 0.82 | ppb | Discharge from factories, dry cleaners, and auto shops |
| | | | | Average | ND | ND | ND | 0.16 | | |
| Toluene | 150 | 150 | 0.5 | Range | | | | | ppb | Discharge from petroleum and chemical refineries |
| | | | | Average | ND | ND | ND | ND | | |
| Trichloroethylene (TCE) | 5 | 1.7 | 0.5 | Range | | | | ND – 1.5 | ppb | Discharge from metal degreasing sites and other factories |
| | | | | Average | ND | ND | ND | 0.7 | | |
| **RADIOLOGICALS** | | | | | | | | | | |
| Gross Beta Particle Activity (h) | 50 | (0) | 4 | Range | 4 – 9 | 3.35 – 4.29 | | | pCi/L | Decay of natural and man-made deposits |
| | | | | Average | 5 | 3.82 | NR | NC | | |
| Combined Radium | 5 | (0) | NA | Range | | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | ND | ND (2015) | 0.148 (2016) | NC | | |
| Radium 226 | NA | 0.05 | 1 | Range | | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | ND | 0.88 | 0.147 (2016) | NC | | |
| Radium 228 | NA | 0.019 | 1 | Range | ND – 1 | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | ND | 0 | 0.001 (2016) | NC | | |
| Strontium-90 | 8 | 0.35 | 2 | Range | | | | | pCi/L | Decay of natural and man-made deposits |
| | | | | Average | ND | 0.560 | NR | NC | | |
| Tritium | 20,000 | 400 | 1,000 | Range | | | | | pCi/L | Decay of natural and man-made deposits |
| | | | | Average | ND | 293 | NR | NC | | |
| Uranium | 20 | 0.43 | 1 | Range | 1 – 3 | | | | pCi/L | Erosion of natural deposits |
| | | | | Average | 2 | ND (2018) | 2.2 | NC | | |
| **DISINFECTION BY-PRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BY-PRODUCTS PRECURSORS (k)** | | | | | | | | | | |
| Bromate (k) | 10 | 0.1 | 1.0 | Range | ND – 7.0 | | | | ppb | By-product of drinking water ozonation |
| | | | | Average | ND | NR | NA | NC | | |
| Total Trihalomethanes (TTHM) (k) | 80 | NA | 1 | Range | RWD Distribution System-Wide – 2.5 - 38.8 | | | | ppb | By-product of drinking water disinfection |
| | | | | Average | RWD Distribution System-Wide – 23.51 | | | | | |
| Haloacetic Acids (HAA5) (k) | 60 | NA | 1 | Average | RWD Distribution System-Wide – 0 – 17.1 | | | | ppb | By-product of drinking water disinfection |
| | | | | Highest | RWD Distribution System-Wide – 8.34 | | | | | |
| Total Chlorine Residual | [4] | [4] | NA | Range | RWD Distribution System-Wide – 2.58 – 2.85 | | | | ppm | Drinking water disinfectant added for treatment |
| | | | | Average | RWD Distribution System-Wide – 2.71 | | | | | |
| Total Organic Carbon (TOC) | TT | NA | 0.30 | Range | 1.8 – 2.5 | 1.26 – 1.39 | | | ppm | Various natural and man-made sources; TOC as a medium for the formation of disinfection by-products. |
| | | | | Average | 2.4 | 1.33 | NR | NC | | |

## SECONDARY STANDARDS - AESTHETIC STANDARDS

| Parameter | State MCL | PHG (MCLG) | State DLR | Range / Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (LHHCWD) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum (d) (p) | 200 | 600 | 50 | Range | ND – 240 | | | | ppb | Residue from water treatment processes; erosion of natural deposits |
| | | | | Average | 148 | ND | NC | ND | | |
| Chloride | 500 | NA | (2) | Range | 95 – 97 | | | 20 – 21 | ppm | Runoff / leaching from natural deposits; seawater influence |
| | | | | Average | 96 | 94 | NC | 20.5 | | |
| Color | 15 | NA | (1) | Range | | | | | Units | Naturally occurring organic materials |
| | | | | Average | 1 | ND | NC | ND | | |
| Copper (d) (f) | 1 | 0.3 | 0.05 | | RWD Distribution System-Wide – 36 Samples Collected<br>RWD Distribution System-Wide – 90th Percentile Level = 0.120<br>RWD Distribution System-Wide – Samples Exceeding Action Level = 0 | | | | ppm | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Foaming Agents-MBAS | 500 | NA | (50) | Range | | | | | ppb | Municipal and industrial waste discharges |
| | | | | Average | ND | ND | NC | ND | | |
| Iron | 300 | NA | 100 | Range | | | | | ppb | Leaching from natural deposits: industrial wastes |
| | | | | Average | ND | ND | NC | ND | | |
| Odor Threshold (i) | 3 | NA | 1 | Range | | | | | TON | Naturally occurring organic materials |
| | | | | Average | 1 | 1 | NC | 1 | | |
| Specific Conductance | 1,600 | NA | NA | Range | 962 – 965 | | | 490 | µS/cm | Substances that form ions when in water; seawater influence |
| | | | | Average | 964 | 560 | NC | 490 | | |
| Sulfate | 500 | NA | 0.5 | Range | 217 – 221 | | | 42 – 44 | ppm | Runoff / leaching from natural deposits; industrial wastes |
| | | | | Average | 219 | 40 | NC | 43 | | |
| Total Dissolved Solids (TDS) (n) | 1,000 | NA | (2) | Range | 599 – 609 | | | 290 – 300 | ppm | Runoff / leaching from natural deposits; seawater influence |
| | | | | Average | 604 | 310 | NC | 295 | | |

## OTHER PARAMETERS

### GENERAL MINERALS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity | NA | NA | (1) | Range | 123 – 128 | 85 – 89 | | 170 | ppm | Measure of water quality |
| | | | | Average | 126 | 88 | NC | 170 | | |
| Bicarbonate (HCO3) | NA | NA | NA | Range | | | | 200 – 210 | mg/L | Naturally occurring from organic materials |
| | | | | Average | NC | NC | NC | 205 | | |
| Calcium | NA | NA | (0.1) | Range | 64 – 70 | 24 – 28 | | 67 – 68 | ppm | Measure of water quality |
| | | | | Average | 67 | 26 | NC | 67.5 | | |
| Magnesium | NA | NA | (0.01) | Range | 25 – 26 | | | 12 | ppm | Measure of water quality |
| | | | | Average | 26 | 12 | NC | 12 | | |
| Perfluorooctanesulfonic acid (PFOS) | NL = 6.5 | NA | NA | Range | | | | 2.1 – 2.8 | ppb | Discharge from manufacturing facilities |
| | | | | Average | NC | NC | NC | 2.5 | | |
| Perfluorooctanoic acid (PFOA) | NL = 5.1 | NA | NA | Range | | | | ND – 1.7 | ppt | Discharge from manufacturing facilities |
| | | | | Average | NC | NC | NC | 0.4 | | |
| Potassium | NA | NA | (0.2) | Range | 4.4 – 4.7 | 2.7 – 3.0 | | 3.4 – 3.6 | ppm | Measure of water quality |
| | | | | Average | 4.6 | 2.85 | NC | 3.5 | | |
| Sodium | NA | NA | (1) | Range | 95 – 101 | | | 17 | ppm | Measure of water quality |
| | | | | Average | 98 | 73 | NC | 17 | | |
| Total Hardness (as CaCO3) | NA | NA | (1) | Range | 270 – 273 | | | 220 | ppm | Measure of water quality |
| | | | | Average | 272 | 110 | NC | 220 | | |
| Total Hardness (Grains per Gallon) | NA | NA | NA | Range | 15.77 – 15.95 | | | | gpg | Measure of water quality |
| | | | | Average | 15.89 | 6.43 | NC | 12.85 | | |

## OTHER PARAMETERS *(Continued)*

| Parameter | State MCL | PHG (MCLG) | State DLR | Range / Average | Imported Surface Water Weymouth (MWD) | Imported Surface Water Miramar (TVMWD) | Groundwater Miramar (TVMWD) | Imported Groundwater (LHHCWD) | Units | Major Sources in Drinking Water |
|---|---|---|---|---|---|---|---|---|---|---|
| **UNREGULATED CONTAMINANTS** | | | | | | | | | | |
| Boron | NL = 1000 | NA | 100 | Range | | 190 – 210 | | ND – 100 | ppb | Runoff / leaching from natural deposits; industrial wastes |
| | | | | Average | 130 | 200 | NC | 50 | | |
| Chlorate | NL = 800 | NA | 20 | Range | | | | | ppb | By-product of drinking water chlorination; industrial processes |
| | | | | Average | 55 | ND | NR | NC | | |
| Chromium VI | NA | 0.02 | 1 | Range | | | | 2.5 – 2.6 | ppb | Runoff/leaching from natural deposits; discharge from industrial waste factories |
| | | | | Average | ND | ND | NC | 2.6 | | |
| N-Nitrosodimethylamine (NDMA) | NL = 10 | 3 | (2) | Range | | 0 – 3 | | | ppt | By-product of drinking water chlorination; industrial processes |
| | | | | Average | ND | 0 | NR | ND | | |
| **MISCELLANEOUS** | | | | | | | | | | |
| Calcium Carbonate Precipitation Potential (CCPP) (l) | NA | NA | NA | Range | 2.4 – 11 | | | | ppm | Elemental balance in water; affected by temperature, other factors |
| | | | | Average | 8.3 | NR | NR | NC | | |
| Corrosivity (Aggressiveness Index)(g) | NA | NA | NA | Range | 12.4 – 12.5 | 12.22 – 12.25 | | 12.26 – 12.35 | AI | Elemental balance in water; affected by temperature, other factors |
| | | | | Average | 12.4 | 12.23 | NR | 12.31 | | |
| Corrosivity (j) (as Saturation Index) | NA | NA | N/A | Range | 0.52 – 0.61 | 0.39 – 0.43 | | 0.44 – 0.53 | SI | Elemental balance in water; affected by temperature, other factors |
| | | | | Average | 0.56 | 0.41 | NR | 0.49 | | |
| pH | NA | NA | N/A | Range | | | | 7.8 – 7.9 | pH units | Measure of water quality |
| | | | | Average | 8.1 | 8.5 | 7.71 | 7.9 | | |
| Total Dissolved Solids (TDS) (o) | 1,000 | NA | (2) | Range | 400 – 604 | 260 – 340 | 322.75 – 446.5 | | ppm | Runoff / leaching from natural deposits; seawater influence |
| | | | | Average | 567 | 304 | 357 | NC | | |

# DEFINITION OF TERMS

**AI** Aggressiveness Index

**AL** Action Level

**Average** Average value of all samples collected

**$CaCO_3$** Calcium Carbonate

**CCPP** Calcium Carbonate Precipitation Potential

**CDWC** California Domestic Water Company

**CFE** Combined Filter Effluent

**CFU** Colony-Forming Units

**DLR** Detection Limits for Purposes of Reporting

**HAA5** Sum of five haloacetic acids

**HPC** Heterotrophic Plate Count

**LRAA** Locational Running Annual Average

**MCL** Maximum Contaminant Level

**MCLG** Maximum Contaminant Level Goal

**MFL** Million Fibers per Liter

**MRDL** Maximum Residual Disinfectant Level

**MRDLG** Maximum Residual Disinfectant Level Goal

**MWD** Metropolitan Water District of Southern California

**NA** Not Applicable

**NC** Not Collected

**NR** Not Required

**ND** Not Detected at or above DLR or RL

**NL** Notification Level to SWRCB

**NTU** Nephelometric Turbidity Units

**pCi/L** PicoCuries per Liter

**PHG** Public Health Goal

**ppb** Parts per billion or micrograms per liter (µg/L)

**ppm** Parts per million or milligrams per liter (mg/L)

**ppq** Parts per quadrillion or picograms per liter (pg/L)

**RAA** Running Annual Average

**Range** Lowest to highest sampling results

**RL** Reporting Limit

**SI** Saturation Index (Langelier)

**SWRCB** State Water Resources Control Board

**TDS** Total Dissolved Solids

**TON** Threshold Odor Number

**TT** Treatment Technique is a required process intended to reduce the level of a contaminate in drinking water

**TTHM** Total Trihalomethanes

**TVMWD** Three Valleys Municipal Water District

# NOTES

**(a)** Metropolitan and Three Valleys MWD monitors turbidity at the CFE locations using continuous and grab samples. Turbidity, a measure of cloudiness of the water, is an indicator of treatment performance. Turbidity was in compliance with the TT primary drinking water standard and the secondary drinking water standard of less than 5 NTU.

**(b)** Results are based on Rowland Water District's distribution system's highest monthly percent positives. 936 samples were analyzed in 2021. The highest monthly percentage was 1.3%. Total coliform MCLs: No more than 5.0% of the monthly samples may be total coliform positive.

**(c)** The MCL for E. coli is based on routine and repeat samples that are total coliform-positive, and either is E. coli-positive or the system fails to take repeat samples following an E. coli-positive routine sample, or the system fails to analyze a total coliform-positive repeat sample for E. coli. The MCL was not violated.

**(d)** Aluminum and Copper have both primary and secondary standards.

**(e)** All distribution system samples had detectable total chlorine residuals, so no HPC was required. Metropolitan and Three Valleys MWD monitor HPCs to ensure treatment process efficacy.

**(f)** Lead and Copper samples are required to be collected once every three years during the months of June - September. Sample results are from 2021.

**(g)** AI ≥ 12.0 = Non-aggressive water; AI 10.0–11.9 = Moderately aggressive water; AI ≤ 10.0 = Highly aggressive water. Reference: ANSI/AWWA Standard C400-93 (R98)

**(h)** Compliance with the state and federal bromate MCL is based on RAA.

**(i)** Compliance with odor threshold secondary MCL is based on RAA. Treatment plants begin quarterly monitoring if annual monitoring results are above 3.

**(j)** Positive SI = non-corrosive; tendency to precipitate and/or dissolve scale on pipes. Negative SI = corrosive; tendency to dissolve calcium carbonate. Reference: Standard Methods (SM2330)

**(k)** RWD was in compliance with all provisions of the Stage 2 Disinfectants and Disinfection By-Products Rule (D/DBPR). Compliance was based on the highest Locational Running Annual Average (LRAA) of all data collected at distribution system-wide monitoring locations.

**(l)** Positive CCPP = non corrosive; tendency to precipitate and/or deposit scales on pipe. Negative CCPP = corrosive; tendency to dissolve calcium carbonate. Reference: Standard Methods (SM 2330)

**(m)** Metropolitan was in compliance with all provisions of the State's fluoridation system requirements. TVWD does not have fluoride feed systems and all fluoride results are naturally occurring.

**(n)** Metropolitan's TDS compliance data are based on flow-weighted monthly composite samples collected twice per year (April and October). The 12-month statistical summary of flow-weighted data is reported in "Other Parameters". TVMVD is required to test once annually for TDS.

**(o)** Statistical summary represents 12 months of flow-weighted data and values may be different than the TDS reported to meet compliance with secondary drinking water regulations for Metropolitan. Metropolitans and TVMWD TDS goal is < 500 mg/L.

**(p)** Compliance with the State MCL for aluminum is based on RAA. No secondary standard MCL exceedance occurred at the Metropolitan or TVMWD plant effluents.

**(q)** Data are from voluntary monitoring of constituents and are provided for informational purposes.

# GLOSSARY

**Maximum Contaminant Level (MCL):** 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 are set to protect the odor, taste, and appearance of drinking water.

**Maximum Contaminant Level Goal (MCLG):** 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. Environmental Protection Agency.

**Public Health Goal (PHG):** 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 Environmental Protection Agency.

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

**Maximum Residual Disinfectant Level (MRDL):** 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.

**Maximum Residual Disinfectant Level Goal (MRDLG):** 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.

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

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

**Running Annual Average (RAA):** Highest RAA is the highest of all Running Annual Averages calculated as an average of all within a 12-month period.

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

**Rowland Water District**
3021 Fullerton Road
Rowland Heights, CA 91748
(562) 697-1726

*For questions or more information about this report, please contact Elisabeth Mendez, Compliance & Safety Coordinator, at (562) 697-1726 or visit us online at RWD.org*

**OFFICE HOURS:**
Monday - Thursday
7:00 a.m. to 4:30 p.m.

Friday 7:00 a.m. to 3:30 p.m.
Closed on alternating Fridays

**AFTER HOURS**
Emergency Service: (562) 697-1726

## Join us for a Board Meeting

*Rowland Water District's Board of Directors meets at District headquarters on the second Tuesday of the month at 6:00 p.m. Agendas are posted on our website and meetings are open to the public.*

## Board of Directors

Anthony J. Lima - Division II
*President*

John E. Bellah - Division III
*Director*

Vanessa Hsu - Division I
*Director*

Szu Pei Lu-Yang - Division V
*Vice President*

Robert W. Lewis - Division IV
*Director*

Tom Coleman
*General Manager*

Minutes of the Regular Meeting
of the Board of Directors of the Rowland Water District
June 14, 2022 – 6:00 p.m.
3021 Fullerton Road
Rowland Heights, CA 91748

**PLEDGE OF ALLEGIANCE**

**ROLL CALL OF DIRECTORS**
President Anthony J. Lima
Vice President Szu Pei Lu-Yang
Director John Bellah
Director Robert W. Lewis
Director Vanessa Hsu

**ABSENT:**
None.

**OTHERS PRESENT:**
Joseph Byrne, Legal Counsel, Best, Best & Krieger
Erin Kaiman, CV Strategies
Mike Ti, Director, TVMWD
Matt Litchfield, TVMWD
Jeff Helsley, Stetson Engineering
Stan Chen, Stetson Engineering
Victoria Hahn
Vincent Perez, Valley Vista Services

**ROWLAND WATER DISTRICT STAFF**
Tom Coleman, General Manager
Dusty Moisio, Assistant General Manager
Myra Malner, Director of Finance
Gabby Sanchez, Executive Assistant
Brittnie Gildea, Education and Community Outreach Coordinator
Elisabeth Mendez, Compliance and Safety Coordinator

**ADDITION(S) TO THE AGENDA**
**PUBLIC COMMENT ON NON-AGENDA ITEM**
None.

## 1. CONSENT CALENDAR

Upon motion by Director Lu Yang, seconded by Director Bellah, the Consent Calendar was unanimously approved as follows:

**1.1** Approval of the Minutes of Regular Board Meeting Held on May 17, 2022 (as corrected)
**1.2** Approval of the Minutes of Special Board Meeting Held on May 24, 2022
**1.3** Demands on General Fund Account for April 2022
**1.4** Investment Report for April 2022
**1.5** Water Purchases for April 2022

(Motion pass 5-0)

Next Regular Board Meeting: July 12, 2022, 6:00 p.m.

## 2. ACTION ITEMS

### 2.1 Consider Adoption of Rowland Water District Resolution No. 6-2022, Resolution of the Board of Directors Declaring a Water Supply Shortage Level 2

Upon motion by Director Lewis, seconded by Director Hsu, the Board unanimously adopted Rowland Water District Resolution No. 6-2022 (as corrected), Declaring a Water Supply Shortage Level 2 by the following roll call vote:

| | |
|---|---|
| AYES: | Directors Bellah, Hsu, Lewis, Lima, Lu-Yang |
| NOES: | None |
| ABSENT: | None |
| ABSTAIN: | None |

(Motion pass 5-0)

### 2.2 Annual Water Supply and Demand Assessment Report Prepared by Stetson Engineers

Mr. Moisio, Assistant General Manager, provided an overview of the Annual Water Supply and Demand Assessment Report prepared by Stetson Engineers on behalf of the District. Following discussion regarding report findings, the Board was informed of the required filing date of July 1, 2022, with the California Department of Water Resources.

Following discussion and upon motion by Director Lu-Yang, seconded by Director Lewis, the Board unanimously received, approved and filed the Annual Water Supply and Demand Assessment Report and directed staff to submit the report by the July 1, 2022 filing deadline. (Motion pass 5-0)

### 2.3 Review and Approve Directors' Meeting Reimbursements for May 2022

Upon motion by Director Lewis, seconded by Director Lu-Yang, the Board unanimously approved the Directors' Meeting Reimbursement Report as presented. (Motion pass 5-0)

### 2.4 Schedule a Public Hearing for the 2019-2021 Public Health Goals Report

Following discussion by the Board and staff, a motion was made by Director Hsu, seconded by Director Lewis and unanimously carried, to schedule a public hearing for July 12, 2022, at 6:00 p.m. to receive public comment and consider adoption of the 2019-2021 Public Health Goals Report. (Motion pass 5-0)

**2.5 Consider Adoption of Rowland Water District Resolution No. 6.1-2022, Joint Resolution of the Board of Supervisors of the County of Los Angeles, the Board of Directors of the County Sanitation District No. 21 of Los Angeles County, the Board of Directors of the Rowland Water District, and the Board of Directors of the Three Valleys Municipal Water District – Rowland Area Approving and Accepting the Negotiated Exchange of Property Tax Revenues Resulting from Annexation of Tract 82836 to County Lighting Maintenance District 1687**

Upon motion by Director Lewis, seconded by Director Lu-Yang, the Board unanimously adopted Rowland Water District Resolution No. 6.1-2022, by the following roll call vote:

AYES: Directors Bellah, Hsu, Lewis, Lima, Lu-Yang
NOES: None
ABSENT: None
ABSTAIN: None

(Motion pass 5-0)

**2.6 Puente Basin Water Agency (PBWA) FY 2022-23 Budget**

Following discussion, a motion was made by Director Lewis, seconded by Director Lu-Yang and unanimously carried, to ratify the Puente Basin Water Agency FY 2022-2023 budget.
(Motion pass 5-0)

**2.7 Consider Approval of Funds for the Rowland Water District Landscape Makeover Program**

General Manager Tom Coleman provided an overview of the District's Landscape Makeover Program, the latest conservation program tailored for residential customers residing within the District's service area. The program entails converting two to three residential front yards into California/conservation friendly landscapes during fiscal year 2022-23. Staff intends to finance the Landscape Makeover Program with funds received from lease agreements with telecommunication companies as these funds are unrestricted funds that may be used by the District for any public purpose.

Following dialogue regarding program details, a motion was made by Director Hsu, seconded by Director Lu-Yang and unanimously carried, to authorize the appropriation of $35,000 from the Telecom Fund for the Rowland Water District's Landscape Makeover Program.
(Motion pass 5-0)

**2.8 Rowland Height's Buckboard Days Parade and Festival 2022 Sponsorship**

Following discussion, a motion was made by Director Lu-Yang, seconded by Director Lewis and unanimously carried, to direct staff to proceed with the 'Event' sponsorship level for the Buckboard Days Parade and Festival scheduled for October 15, 2022. (Motion pass 5-0)

## 3. PUBLIC RELATIONS

### 3.1 Communications Outreach (CV Strategies)

Ms. Kaiman provided an update on CV Strategies' communications outreach activities performed on behalf of the District. Board members received copies of the completed 2021 Annual Water Quality Report and then viewed a video via the District's website on a recent visit by officials from Uzbekistan's national water company to Rowland Water District.

**3.2 Education Update**

Mrs. Gildea highlighted community outreach and education activities listed in the Education Outreach Report included in the Board packet. She concluded her presentation with discussion regarding the organization SHOES THAT FIT®, advising that a donation check was presented to the non-profit organization, and further noted that staff will participate in the distribution of shoes for students of the Rowland Unified School District.

**4. DISCUSSION OF UPCOMING CONFERENCES, WORKSHOPS, OR EVENTS (INCLUDING ITEMS THAT MAY HAVE ARISEN AFTER THE POSTING OF THE AGENDA)**

None.

**5. LEGISLATIVE INFORMATION**

**5.1** The Board was informed that AB 2639 (Quirk): Proposed Bay-Delta Plan Deadlines/Water Rights Moratorium, which was on the suspense file with the Committee on Appropriations, did not make it out of the committee and as a result will not be proceeding any further in the process.

**6. REVIEW OF CORRESPONDENCE**

**6.1** The Board received results of the Local Agency Formation Commission's Commissioner and Alternate Representative elections.

**6.2** The Board was informed that Mr. Coleman casted a vote, on behalf of the District, for the CSDA Board of Directors Elections Term 2022-23, Seat B.

**6.3** General Manager Coleman shared the Solve the Water Crisis Coalition letter sent to state officials regarding the water supply crisis and the urgency that requires immediate state action to secure California's future water supply. The District, via the Puente Basin Water Agency, will continue to participate and monitor the movement.

**7. COMMITTEE REPORTS**

**7.1 Joint Powers Insurance Authority –** The Board received a letter from the ACWA/JPIA commending Rowland Water District on its implementation and execution of best practices measures as recommended by the ACWA/JPIA's risk assessment advisor.

**7.2 Three Valleys Municipal Water District -** Directors Lima and Lu-Yang reported on TVMWD business matters from the June 1, 2022, Regular Board meeting.

**7.3 Association of California Water Agencies –** Nothing to report.

**7.4 Puente Basin Water Agency (PBWA) –** Director Lima and Mr. Coleman reported on business matters from June 2, 2022, PBWA meeting.

**7.5 Project Ad-Hoc Committee -** Nothing to report.

**7.6 Regional Chamber of Commerce -** Nothing to report.

**7.7 P-W-R Joint Waterline Commission –** Director Lima reported on business matters from the June 9, 2022, P-W-R Joint Waterline Commission meeting.

**7.8 Sheriff's Community Advisory Council -** Nothing to report.

**7.9 Rowland Heights Community Coordinating Council (RHCCC) –** The Board was informed of staff's intent to provide a presentation on current conservation measures to the RHCCC at an upcoming RHCCC meeting.

## 8. OTHER REPORTS, INFORMATION ITEMS AND COMMENTS

### 8.1 Finance Report

Director of Finance, Myra Malner, presented a year-to-date Financial Dashboard containing comparative graphs of Revenue and Expense by Category and Consumption by Class through April 30, 2022.

### 8.2 Operations Report

Assistant General Manager, Dusty Moisio, provided the Board with the following field operations tasks completed in the month of May:

- Water Samples – 127
- Site Inspections - 82
- Service Orders Completed - 264
- Meters Replaced - 49
- Modules Replaced - 1
- Dig Alerts – 345
- Service Lines Replaced- 7
- System Valves Replaced- 0
- Air Releases Inspections - 59
- Recycled Water Inspections – 3

- The Board then received an overview of recycled water system via GeoViewer.

### 8.3 Personnel Report

Nothing to report.

## 9. ATTORNEY'S REPORT

Although Legal Counsel, Joseph Byrne, had nothing to report, he noted that a closed session would be held following the regular business meeting of the Board of Directors.

## 10. CLOSED SESSION – 7:52 p.m.

A closed session was held in connection with the items listed below:

**a. Conference with Real Property Negotiator – [§54956.8]**

| | |
|---|---|
| Property: | Portion of Property Located at<br>804 S. Azusa Ave., City of Industry, CA |
| District Negotiator: | Tom Coleman, General Manager |
| Negotiating Parties: | City of Industry |
| Under Negotiation: | Price and Terms |

**b. Conference with Real Property Negotiator – [§54956.8]**

| | |
|---|---|
| Property: | Assessor Parcel Numbers 8266-002-901 and 8269-003-903 |
| District Negotiator: | Tom Coleman, General Manager |
| Negotiating Parties: | Puente Hills Habitat Authority |

Under Negotiation: Price and Terms of Payment

**11. RECONVENE /REPORT ON CLOSED SESSION – 8:16 p.m.**

a. It was reported that the Board did not discuss real property negotiation matters pertaining to portion of property located at 804 S. Azusa Avenue, City of Industry, CA. The negotiating parties are Tom Coleman and City of Industry.

b. The Board met in accordance with the Government Code Section 54956.8 to discuss real property negotiation matters pertaining to Assessor Parcel Numbers 8266-002-901 and 8269-003-903. The negotiating parties are Tom Coleman and Puente Hills Habitat Authority. The Board was briefed on the facts and circumstances of the matter and no reportable action under the Brown Act was taken.

**General Manager's and Directors' Comments**
Discussion was entertained regarding a communications cell tower situated on District property.

**Future Agenda Item(s)**
None.

**Late Business**
None.

A motion was made by Director Hsu, seconded by Director Lu Yang, and unanimously carried to adjourn the meeting. The meeting was adjourned at 8:23 p.m.

_____ Attest: _____

ANTHONY J. LIMA
Board President

TOM COLEMAN
Board Secretary

Report Criteria:
Report type: GL detail

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Description | Check Amount |
|---|---|---|---|---|---|---|
| **30511** | | | | | | |
| 05/22 | 05/11/2022 | 30511 | 117 | ACE PELIZON PLUMBING INC | PLUMBING WORK-3021 FULLERTON RD | 895.00 |
| Total 30511: | | | | | | 895.00 |
| **30512** | | | | | | |
| 05/22 | 05/11/2022 | 30512 | 62704 | ALEXANDRO ZARAGOZA | TOTAL EXPENSES-BOOT ALLOWANCE | 188.55 |
| 05/22 | 05/11/2022 | 30512 | 62704 | ALEXANDRO ZARAGOZA | TOTAL NON REIMBURSABLE EXPENSE-BOOT ALL | 20.20- |
| 05/22 | 05/11/2022 | 30512 | 62704 | ALEXANDRO ZARAGOZA | TOTAL EXPENSE-AWWA BACKFLOW TESTER RE-C | 285.00 |
| Total 30512: | | | | | | 453.35 |
| **30513** | | | | | | |
| 05/22 | 05/11/2022 | 30513 | 3850 | ATHENS SERVICES (MODERN SVC) | 30YD TRASH R/O-DUMP & DISPOSAL FEE | 770.18 |
| 05/22 | 05/11/2022 | 30513 | 3850 | ATHENS SERVICES (MODERN SVC) | TRASH SERVICE | 415.12 |
| Total 30513: | | | | | | 1,185.30 |
| **30514** | | | | | | |
| 05/22 | 05/11/2022 | 30514 | 62810 | BREAKING THE CHAIN CONSULTING | MANAGEMENT AND STAFF COACHING | 6,000.00 |
| Total 30514: | | | | | | 6,000.00 |
| **30515** | | | | | | |
| 05/22 | 05/11/2022 | 30515 | 62539 | BRKICH CONSTRUCTION | JOB AT 16651 JOHNSON DR | 37,962.00 |
| Total 30515: | | | | | | 37,962.00 |
| **30516** | | | | | | |
| 05/22 | 05/11/2022 | 30516 | 6966 | CINTAS | UNIFORM RENTAL | 4,404.71 |
| Total 30516: | | | | | | 4,404.71 |
| **30517** | | | | | | |
| 05/22 | 05/11/2022 | 30517 | 62645 | CORE & MAIN LP | SOLAR REPEATER W/ INTERNAL ANTENNA | 9,264.72 |
| 05/22 | 05/11/2022 | 30517 | 62645 | CORE & MAIN LP | TAX | 880.15 |
| Total 30517: | | | | | | 10,144.87 |
| **30518** | | | | | | |
| 05/22 | 05/11/2022 | 30518 | 62439 | CVSTRATEGIES | COMMUNICATION SERVICES-GENERAL SUPPORT | 1,358.75 |
| 05/22 | 05/11/2022 | 30518 | 62439 | CVSTRATEGIES | COMMUNICATION SERVICES-DROUGHT OUTREA | 1,336.25 |
| 05/22 | 05/11/2022 | 30518 | 62439 | CVSTRATEGIES | COMMUNICATION SERVICES-PUBLIC APPEARANC | 1,215.00 |
| 05/22 | 05/11/2022 | 30518 | 62439 | CVSTRATEGIES | COMMUNICATION SERVICES-STRATEGIC PLAN | 9,321.54 |
| 05/22 | 05/11/2022 | 30518 | 62439 | CVSTRATEGIES | COMMUNICATION SERVICES-CCR | 5,376.25 |
| 05/22 | 05/11/2022 | 30518 | 62439 | CVSTRATEGIES | COMMUNICATION SERVICES-PRESS RELEASES | 3,878.75 |
| 05/22 | 05/11/2022 | 30518 | 62439 | CVSTRATEGIES | COMMUNICATION SERVICES-BOARD SUPPORT | 1,112.50 |
| Total 30518: | | | | | | 23,599.04 |
| **30519** | | | | | | |
| 05/22 | 05/11/2022 | 30519 | 22541 | DOTY BROS CONSTRUCTION CO | JOB 1308-22040-HEATHER HILL | 6,557.44 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Description | Check Amount |
|---|---|---|---|---|---|---|
| Total 30519: | | | | | | 6,557.44 |
| **30520** | | | | | | |
| 05/22 | 05/11/2022 | 30520 | 62788 | FASTENAL COMPANY | TOOLS & SUPPLIES | 255.55 |
| Total 30520: | | | | | | 255.55 |
| **30521** | | | | | | |
| 05/22 | 05/11/2022 | 30521 | 5600 | G M SAGER CONSTRUCTION | CONCRETE | 1,348.30 |
| 05/22 | 05/11/2022 | 30521 | 5600 | G M SAGER CONSTRUCTION | ASPHALT | 9,829.65 |
| Total 30521: | | | | | | 11,177.95 |
| **30522** | | | | | | |
| 05/22 | 05/11/2022 | 30522 | 62812 | GROWING ROOTS LLC | MONTHLY PLANT CARE | 320.00 |
| Total 30522: | | | | | | 320.00 |
| **30523** | | | | | | |
| 05/22 | 05/11/2022 | 30523 | 2600 | HACH COMPANY | WATER QUALITY TESTING SUPPLIES | 2,305.66 |
| 05/22 | 05/11/2022 | 30523 | 2600 | HACH COMPANY | WATER QUALITY TESTING SUPPLIES | 234.73 |
| 05/22 | 05/11/2022 | 30523 | 2600 | HACH COMPANY | WATER QUALITY TESTING SUPPLIES | 515.60 |
| Total 30523: | | | | | | 3,055.99 |
| **30524** | | | | | | |
| 05/22 | 05/11/2022 | 30524 | 62624 | HASA INC | CHEMICALS FOR RCS | 345.40 |
| 05/22 | 05/11/2022 | 30524 | 62624 | HASA INC | CHEMICALS FOR RCS | 487.63 |
| 05/22 | 05/11/2022 | 30524 | 62624 | HASA INC | CHEMICALS FOR RCS | 345.40 |
| Total 30524: | | | | | | 1,178.43 |
| **30525** | | | | | | |
| 05/22 | 05/11/2022 | 30525 | 379 | HIGHROAD INFORMATION TECHNOL | SCADA01 SERVER HP CAREPACK | 2,100.00 |
| 05/22 | 05/11/2022 | 30525 | 379 | HIGHROAD INFORMATION TECHNOL | SCADA02 SERVER HP CAREPACK | 2,100.00 |
| 05/22 | 05/11/2022 | 30525 | 379 | HIGHROAD INFORMATION TECHNOL | COI SCADA VIRTUAL PC BACKUP | 375.00 |
| 05/22 | 05/11/2022 | 30525 | 379 | HIGHROAD INFORMATION TECHNOL | DATA CENTER ANNUAL HOSTING FEE | 700.00 |
| 05/22 | 05/11/2022 | 30525 | 379 | HIGHROAD INFORMATION TECHNOL | DOMAIN PURCHASE FOR WWW.ROWLANDWATER. | 215.00 |
| 05/22 | 05/11/2022 | 30525 | 379 | HIGHROAD INFORMATION TECHNOL | PRIVATE DOMAIN REGISTRATION FOR SECURITY | 75.00 |
| Total 30525: | | | | | | 5,565.00 |
| **30526** | | | | | | |
| 05/22 | 05/11/2022 | 30526 | 2724 | HOME DEPOT CREDIT SERVICES | SUPPLIES FOR RES | 245.63 |
| 05/22 | 05/11/2022 | 30526 | 2724 | HOME DEPOT CREDIT SERVICES | TOOLS & SUPPLIES | 423.05 |
| 05/22 | 05/11/2022 | 30526 | 2724 | HOME DEPOT CREDIT SERVICES | MAINTENANCE & OPERATION | 326.00 |
| Total 30526: | | | | | | 994.68 |
| **30527** | | | | | | |
| 05/22 | 05/11/2022 | 30527 | 244 | INFOSEND INC | BILLING SERVICE | 3,157.47 |
| Total 30527: | | | | | | 3,157.47 |
| **30528** | | | | | | |
| 05/22 | 05/11/2022 | 30528 | 257 | MCMASTER-CARR SUPPLY CO | TOOLS & SUPPLIES | 88.87 |

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| 05/22 | 05/11/2022 | 30528 | 257 | MCMASTER-CARR SUPPLY CO | CREDIT | 88.87- |
| 05/22 | 05/11/2022 | 30528 | 257 | MCMASTER-CARR SUPPLY CO | RC GARBAGE BAGS | 368.15 |
| Total 30528: | | | | | | 368.15 |
| **30529** | | | | | | |
| 05/22 | 05/11/2022 | 30529 | 62525 | MORROW-MEADOWS CORPORATION | RES 8 RCS AND ELECTRICAL | 8,602.27 |
| 05/22 | 05/11/2022 | 30529 | 62525 | MORROW-MEADOWS CORPORATION | ELECTRICAL INSPECTIONS, REPLACED FUSES | 1,272.48 |
| 05/22 | 05/11/2022 | 30529 | 62525 | MORROW-MEADOWS CORPORATION | WORK AT HARBOR BOOSTER STATION | 1,195.84 |
| 05/22 | 05/11/2022 | 30529 | 62525 | MORROW-MEADOWS CORPORATION | WORK AT RES 6 | 2,863.49 |
| Total 30529: | | | | | | 13,934.08 |
| **30530** | | | | | | |
| 05/22 | 05/11/2022 | 30530 | 5025 | PUENTE BASIN WATERMASTER | 2022-23 OPERATING BUDGET | 2,584.10 |
| Total 30530: | | | | | | 2,584.10 |
| **30531** | | | | | | |
| 05/22 | 05/11/2022 | 30531 | 5100 | PUENTE READY MIX INC | READY MIX | 529.98 |
| 05/22 | 05/11/2022 | 30531 | 5100 | PUENTE READY MIX INC | WASH CONCRETE SAND | 1,856.90 |
| Total 30531: | | | | | | 2,386.88 |
| **30532** | | | | | | |
| 05/22 | 05/11/2022 | 30532 | 62502 | S & J SUPPLY COMPANY, INC | MATERIAL FOR COLIMA WIDENING | 7,665.00 |
| 05/22 | 05/11/2022 | 30532 | 62502 | S & J SUPPLY COMPANY, INC | MATERIAL FOR COLIMA WIDENING | 37,002.24 |
| 05/22 | 05/11/2022 | 30532 | 62502 | S & J SUPPLY COMPANY, INC | SUPPLIES FOR METERS | 1,442.55 |
| 05/22 | 05/11/2022 | 30532 | 62502 | S & J SUPPLY COMPANY, INC | SUPPLIES FOR SERVICES | 221.00 |
| Total 30532: | | | | | | 46,330.79 |
| **30533** | | | | | | |
| 05/22 | 05/11/2022 | 30533 | 62249 | SECURE SITE SOLUTIONS INC | SERVICE VISIT TO INVESTIGATE CAMERA SYSTE | 380.00 |
| Total 30533: | | | | | | 380.00 |
| **30534** | | | | | | |
| 05/22 | 05/11/2022 | 30534 | 1165 | TERMINIX PROCESSING CENTER | PEST CONTROL-2633 SALEROSO | 70.00 |
| 05/22 | 05/11/2022 | 30534 | 1165 | TERMINIX PROCESSING CENTER | PEST CONTROL-747 ANAHEIM PUENTE | 127.00 |
| Total 30534: | | | | | | 197.00 |
| **30535** | | | | | | |
| 05/22 | 05/11/2022 | 30535 | 6500 | THERMALAIR INC | NEW UNIT INSTALLED KEEPS SHORT CYCLING | 1,027.50 |
| Total 30535: | | | | | | 1,027.50 |
| **30536** | | | | | | |
| 05/22 | 05/11/2022 | 30536 | 62626 | TRI COUNTY PUMP COMPANY | FULLERTON BOOSTER STATION PUMP #2 REHAB | 27,486.53 |
| Total 30536: | | | | | | 27,486.53 |
| **30537** | | | | | | |
| 05/22 | 05/11/2022 | 30537 | 2900 | VULCAN MATERIAL COMPANY | COLD MIX | 1,981.26 |

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| Total 30537: | | | | | | 1,981.26 |
| **30538** | | | | | | |
| 05/22 | 05/11/2022 | 30538 | 382 | W A RASIC CONSTRUCTION CO INC | JOB 22SX02-1854 COACHWOOD | 8,076.62 |
| 05/22 | 05/11/2022 | 30538 | 382 | W A RASIC CONSTRUCTION CO INC | JOB 22SX27-16915 GLENFOLD | 10,656.48 |
| Total 30538: | | | | | | 18,733.10 |
| **30539** | | | | | | |
| 05/22 | 05/11/2022 | 30539 | 62832 | WCT PRODUCTS, INC. | VLOC3 9800 PIPE AND CABLE LOCATOR | 4,468.00 |
| 05/22 | 05/11/2022 | 30539 | 62832 | WCT PRODUCTS, INC. | VM880 METAL LOCATOR | 1,000.00 |
| 05/22 | 05/11/2022 | 30539 | 62832 | WCT PRODUCTS, INC. | TAX & SHIPPING | 554.46 |
| Total 30539: | | | | | | 6,022.46 |
| **30540** | | | | | | |
| 05/22 | 05/11/2022 | 30540 | 62763 | WESTERLY METER SERVICE CO | 5/8" - 1" METER TEST | 2,892.50 |
| 05/22 | 05/11/2022 | 30540 | 62763 | WESTERLY METER SERVICE CO | 1-1/2 " METER TEST | 350.00 |
| 05/22 | 05/11/2022 | 30540 | 62763 | WESTERLY METER SERVICE CO | 2" METER TEST | 560.00 |
| 05/22 | 05/11/2022 | 30540 | 62763 | WESTERLY METER SERVICE CO | LESS RETENTION | 190.11- |
| Total 30540: | | | | | | 3,612.39 |
| **30541** | | | | | | |
| 05/22 | 05/11/2022 | 30541 | 62562 | WOODARD & CURRAN | AS NEEDED POTABLE WATER SUPPORT SERVICE | 1,325.00 |
| Total 30541: | | | | | | 1,325.00 |
| **30542** | | | | | | |
| 05/22 | 05/11/2022 | 30542 | 62830 | YORKE ENGINEERING, LLC | P.E. CERTIFIED SPCC PLAN | 5,800.00 |
| 05/22 | 05/11/2022 | 30542 | 62830 | YORKE ENGINEERING, LLC | P.E. CERTIFIED SPCC PLAN | 5,800.00- |
| Total 30542: | | | | | | .00 |
| **30543** | | | | | | |
| 05/22 | 05/11/2022 | 30543 | 62830 | YORKE ENGINEERING, LLC | P.E. CERTIFIED SPCC PLAN | 5,800.00 |
| Total 30543: | | | | | | 5,800.00 |
| **30547** | | | | | | |
| 05/22 | 05/17/2022 | 30547 | 1050 | ACWA JOINT POWERS INSURANCE A | PUBLIC OFFICAL BOND 4/1/22-3/31/23-T COLEMAN | 800.00 |
| Total 30547: | | | | | | 800.00 |
| **30548** | | | | | | |
| 05/22 | 05/17/2022 | 30548 | 1000 | ACWA JPIA | EMPLOYEE HEALTH BENEFITS | 47,297.41 |
| 05/22 | 05/17/2022 | 30548 | 1000 | ACWA JPIA | EMPLOYEE VISION BENEFITS | 671.25 |
| 05/22 | 05/17/2022 | 30548 | 1000 | ACWA JPIA | EMPLOYEE ASSISTANCE PROGRAM | 59.50 |
| 05/22 | 05/17/2022 | 30548 | 1000 | ACWA JPIA | EMPLOYEE DENTAL BENEFITS | 3,330.07 |
| 05/22 | 05/17/2022 | 30548 | 1000 | ACWA JPIA | RETIREES HEALTH BENEFITS | 17,516.10 |
| 05/22 | 05/17/2022 | 30548 | 1000 | ACWA JPIA | DIRECTORS HEALTH BENEFITS | 9,319.21 |
| Total 30548: | | | | | | 78,193.54 |
| **30549** | | | | | | |
| 05/22 | 05/17/2022 | 30549 | 3375 | ANTHONY LIMA | MILEAGE REIMBURSEMENT | 55.69 |

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| Total 30549: | | | | | | 55.69 |
| **30550** | | | | | | |
| 05/22 | 05/17/2022 | 30550 | 400 | AT&T MOBILITY | MOBILE PHONES, IPADS & NEW DEVICES | 2,200.48 |
| Total 30550: | | | | | | 2,200.48 |
| **30551** | | | | | | |
| 05/22 | 05/17/2022 | 30551 | 1476 | BUSINESS CARD (VISA) | CONFERENCE EXPENSE | 81.15 |
| 05/22 | 05/17/2022 | 30551 | 1476 | BUSINESS CARD (VISA) | MISC EXPENSES | 3,622.88 |
| 05/22 | 05/17/2022 | 30551 | 1476 | BUSINESS CARD (VISA) | SEMINAR AND TRAINING EXPENSE | 529.75 |
| Total 30551: | | | | | | 4,233.78 |
| **30552** | | | | | | |
| 05/22 | 05/17/2022 | 30552 | 403 | CASELLE INC | CONTRACT SUPPORT CHARGES | 1,884.00 |
| Total 30552: | | | | | | 1,884.00 |
| **30553** | | | | | | |
| 05/22 | 05/17/2022 | 30553 | 62700 | CITIZENS TRUST C/O CITIZEN BUSIN | TRUSTEES FEES | 1,744.29 |
| Total 30553: | | | | | | 1,744.29 |
| **30554** | | | | | | |
| 05/22 | 05/17/2022 | 30554 | 383 | CLA-VAL- GRISWOLD INDUSTRIES | MATERIAL FOR PUMPS | 229.31 |
| Total 30554: | | | | | | 229.31 |
| **30555** | | | | | | |
| 05/22 | 05/17/2022 | 30555 | 62433 | EMPLOYEE RELATIONS INC | BACKGROUND VERIFICATION | 178.47 |
| Total 30555: | | | | | | 178.47 |
| **30556** | | | | | | |
| 05/22 | 05/17/2022 | 30556 | 2550 | FRONTIER | INTERNET ACCESS | 799.00 |
| Total 30556: | | | | | | 799.00 |
| **30557** | | | | | | |
| 05/22 | 05/17/2022 | 30557 | 2600 | HACH COMPANY | WATER QUALITY TESTING SUPPLIES | 56.64 |
| Total 30557: | | | | | | 56.64 |
| **30558** | | | | | | |
| 05/22 | 05/17/2022 | 30558 | 62526 | HARRINGTON INDUSTRIAL PLASTICS | SUPPLIES FOR FULLERTON BOOSTER STATION | 2,475.79 |
| Total 30558: | | | | | | 2,475.79 |
| **30559** | | | | | | |
| 05/22 | 05/17/2022 | 30559 | 62624 | HASA INC | CHEMICALS FOR RCS | 345.40 |
| 05/22 | 05/17/2022 | 30559 | 62624 | HASA INC | CHEMICALS FOR RCS | 304.77 |
| 05/22 | 05/17/2022 | 30559 | 62624 | HASA INC | CHEMICALS FOR RCS | 243.81 |
| Total 30559: | | | | | | 893.98 |

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| **30560** | | | | | | |
| 05/22 | 05/17/2022 | 30560 | 379 | HIGHROAD INFORMATION TECHNOL | ADOBE CREATIVE SUITE ANNUAL FEE | 1,390.00 |
| 05/22 | 05/17/2022 | 30560 | 379 | HIGHROAD INFORMATION TECHNOL | DOMAIN RENEWAL FOR WWW.ROWLANDWATER. | 215.00 |
| 05/22 | 05/17/2022 | 30560 | 379 | HIGHROAD INFORMATION TECHNOL | PRIVATE DOMAIN REGISTRATION FOR SECURITY | 75.00 |
| 05/22 | 05/17/2022 | 30560 | 379 | HIGHROAD INFORMATION TECHNOL | HP CARE PACK RENEWALS FOR VM HOST 1 SERV | 2,100.00 |
| 05/22 | 05/17/2022 | 30560 | 379 | HIGHROAD INFORMATION TECHNOL | HP CARE PACK RENEWALS FOR VM HOST 2 SERV | 2,100.00 |
| 05/22 | 05/17/2022 | 30560 | 379 | HIGHROAD INFORMATION TECHNOL | APC UPS 1500 SMART UPS UNIT (RACK MOUNTAB | 6,097.50 |
| Total 30560: | | | | | | 11,977.50 |
| **30561** | | | | | | |
| 05/22 | 05/17/2022 | 30561 | 62435 | INDUSTRY PUBLIC UTILITY COMMISSI | PUMPING POWER-PUMPSTATION 2A | 7,503.99 |
| Total 30561: | | | | | | 7,503.99 |
| **30562** | | | | | | |
| 05/22 | 05/17/2022 | 30562 | 244 | INFOSEND INC | BILLING SERVICE | 3,221.38 |
| 05/22 | 05/17/2022 | 30562 | 244 | INFOSEND INC | BILLING SERVICE | 108.86 |
| 05/22 | 05/17/2022 | 30562 | 244 | INFOSEND INC | BILLING SERVICE | 2,120.51 |
| Total 30562: | | | | | | 5,450.75 |
| **30563** | | | | | | |
| 05/22 | 05/17/2022 | 30563 | 62664 | M & J TREE SERVICE | CLEARING INSIDE CHAIN LINK FENCE & WEED SP | 1,500.00 |
| Total 30563: | | | | | | 1,500.00 |
| **30564** | | | | | | |
| 05/22 | 05/17/2022 | 30564 | 257 | MCMASTER-CARR SUPPLY CO | SUPPLIES FOR PUMPS | 39.36 |
| Total 30564: | | | | | | 39.36 |
| **30565** | | | | | | |
| 05/22 | 05/17/2022 | 30565 | 62525 | MORROW-MEADOWS CORPORATION | WORK AT ZONE 6 PUMP STATION | 597.92 |
| 05/22 | 05/17/2022 | 30565 | 62525 | MORROW-MEADOWS CORPORATION | WORK AT RESERVOIR 12 | 597.92 |
| Total 30565: | | | | | | 1,195.84 |
| **30566** | | | | | | |
| 05/22 | 05/17/2022 | 30566 | 62181 | ONE TOUCH OFFICE TECHNOLOGY | CONTRACT-RIOCH/MPC6003 | 1,017.58 |
| Total 30566: | | | | | | 1,017.58 |
| **30567** | | | | | | |
| 05/22 | 05/17/2022 | 30567 | 5000 | PUENTE BASIN WATER AGENCY | BANK OF AMERICA JAN-MAR 2022 | 929.38 |
| 05/22 | 05/17/2022 | 30567 | 5000 | PUENTE BASIN WATER AGENCY | REEB-MAY 2022 | 1,666.67 |
| 05/22 | 05/17/2022 | 30567 | 5000 | PUENTE BASIN WATER AGENCY | SCE 1905 FAIRPLEX DR JAN-MAR 2022 | 22.48 |
| 05/22 | 05/17/2022 | 30567 | 5000 | PUENTE BASIN WATER AGENCY | SCE 19846U COLIMA RD JAN-MAR 2022 | 181.35 |
| 05/22 | 05/17/2022 | 30567 | 5000 | PUENTE BASIN WATER AGENCY | WVWD ADMIN COSTS JAN-MAR 2022 | 1,136.24 |
| 05/22 | 05/17/2022 | 30567 | 5000 | PUENTE BASIN WATER AGENCY | WVWD PROJECT REIMBURSEMENT JAN-MAR 202 | 2,932.00 |
| 05/22 | 05/17/2022 | 30567 | 5000 | PUENTE BASIN WATER AGENCY | LASER FEB 2022 | 2,450.00 |
| 05/22 | 05/17/2022 | 30567 | 5000 | PUENTE BASIN WATER AGENCY | LASER MARCH 2022 | 1,900.00 |
| Total 30567: | | | | | | 11,218.12 |
| **30568** | | | | | | |
| 05/22 | 05/17/2022 | 30568 | 62502 | S & J SUPPLY COMPANY, INC | MATERIAL FOR COLIMA WIDENING | 3,023.45 |

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| 05/22 | 05/17/2022 | 30568 | 62502 | S & J SUPPLY COMPANY, INC | MATERIAL FOR COLIMA WIDENING | 16,539.97 |
| 05/22 | 05/17/2022 | 30568 | 62502 | S & J SUPPLY COMPANY, INC | TOOLS & SUPPLIES | 121.76 |
| Total 30568: | | | | | | 19,685.18 |
| **30569** | | | | | | |
| 05/22 | 05/17/2022 | 30569 | 62481 | STAPLES BUSINESS CREDIT | OFFICE SUPPLIES | 433.78 |
| Total 30569: | | | | | | 433.78 |
| **30570** | | | | | | |
| 05/22 | 05/17/2022 | 30570 | 62711 | TECHNOLOGY SYSTEMS | PROGRAMMING SUPPORT | 160.00 |
| Total 30570: | | | | | | 160.00 |
| **30571** | | | | | | |
| 05/22 | 05/17/2022 | 30571 | 62625 | ULINE SHIPPING SUPPLIES | UNIVERSAL SPILL KIT | 2,709.00 |
| 05/22 | 05/17/2022 | 30571 | 62625 | ULINE SHIPPING SUPPLIES | SHIPPING | 55.83 |
| 05/22 | 05/17/2022 | 30571 | 62625 | ULINE SHIPPING SUPPLIES | SALES TAX | 257.50 |
| Total 30571: | | | | | | 3,022.33 |
| **30572** | | | | | | |
| 05/22 | 05/17/2022 | 30572 | 62819 | US BANK | BANK FEES | 1,499.00 |
| Total 30572: | | | | | | 1,499.00 |
| **30573** | | | | | | |
| 05/22 | 05/17/2022 | 30573 | 62476 | VERIZON CONNECT NWF INC | MONTHLY SERVICE | 420.94 |
| Total 30573: | | | | | | 420.94 |
| **30574** | | | | | | |
| 05/22 | 05/17/2022 | 30574 | 4750 | PWR JT WATER LINE COMMISSION | PM 15 Water Use | 391,743.25 |
| 05/22 | 05/17/2022 | 30574 | 4750 | PWR JT WATER LINE COMMISSION | PM 21 Water Use | 192,181.27 |
| 05/22 | 05/17/2022 | 30574 | 4750 | PWR JT WATER LINE COMMISSION | MWD CAPACITY RESERVATION CHARGE | 7,453.38 |
| 05/22 | 05/17/2022 | 30574 | 4750 | PWR JT WATER LINE COMMISSION | TVMWD CONNECTED CAPACITY CHARGE | 1,351.57 |
| 05/22 | 05/17/2022 | 30574 | 4750 | PWR JT WATER LINE COMMISSION | TVMWD WATER USE CHARGE | 1,871.84 |
| 05/22 | 05/17/2022 | 30574 | 4750 | PWR JT WATER LINE COMMISSION | PWR DEPRECIATION CHARGE | 1,389.00 |
| 05/22 | 05/17/2022 | 30574 | 4750 | PWR JT WATER LINE COMMISSION | PWR Replacement Charge | 1,910.00 |
| 05/22 | 05/17/2022 | 30574 | 4750 | PWR JT WATER LINE COMMISSION | BUDGET ASSESSMENT | 8,316.67 |
| Total 30574: | | | | | | 606,216.98 |
| **30575** | | | | | | |
| 05/22 | 05/24/2022 | 30575 | 4600 | AIRGAS USA LLC | TANK RENTAL | 118.44 |
| Total 30575: | | | | | | 118.44 |
| **30576** | | | | | | |
| 05/22 | 05/24/2022 | 30576 | 1625 | ANTHEM BLUE CROSS | RETIREE HEALTH BENEFITS | 1,277.72 |
| Total 30576: | | | | | | 1,277.72 |
| **30577** | | | | | | |
| 05/22 | 05/24/2022 | 30577 | 62554 | APPLIED TECHNOLOGY GROUP | PWAG RADIO SYSTEM INSTALL | 1,288.08 |
| 05/22 | 05/24/2022 | 30577 | 62554 | APPLIED TECHNOLOGY GROUP | TAX | 154.52 |

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| Total 30577: | | | | | | 1,442.60 |
| **30578** | | | | | | |
| 05/22 | 05/24/2022 | 30578 | 62597 | BEST BEST & KRIEGER LLP | LEGAL FEES-GENERAL COUNSEL | 6,638.00 |
| 05/22 | 05/24/2022 | 30578 | 62597 | BEST BEST & KRIEGER LLP | LEGAL FEES-ENVIRONMENTAL LAW | 101.40 |
| 05/22 | 05/24/2022 | 30578 | 62597 | BEST BEST & KRIEGER LLP | LEGAL FEES-LABOR AND EMPLOYMENT | 1,931.20 |
| 05/22 | 05/24/2022 | 30578 | 62597 | BEST BEST & KRIEGER LLP | LEGAL FEES-REDISTRICTING | 20,000.00 |
| Total 30578: | | | | | | 28,670.60 |
| **30579** | | | | | | |
| 05/22 | 05/24/2022 | 30579 | 62656 | BEYOND SOFTWARE SOLUTIONS | ANNUAL MAINTENANCE & SUPPORT-JUNE 2022-M | 999.00 |
| Total 30579: | | | | | | 999.00 |
| **30580** | | | | | | |
| 05/22 | 05/24/2022 | 30580 | 62810 | BREAKING THE CHAIN CONSULTING | BOARD DEVELOPMENT AND COACHING | 750.00 |
| Total 30580: | | | | | | 750.00 |
| **30581** | | | | | | |
| 05/22 | 05/24/2022 | 30581 | 62729 | CA UNDERGROUND FACILITIES SAFE | CA STATE FEE | 113.19 |
| Total 30581: | | | | | | 113.19 |
| **30582** | | | | | | |
| 05/22 | 05/24/2022 | 30582 | 62309 | CITY OF INDUSTRY CITY HALL | RECYCLED WATER SYSTEM | 24,648.00 |
| Total 30582: | | | | | | 24,648.00 |
| **30583** | | | | | | |
| 05/22 | 05/24/2022 | 30583 | 1270 | CORELOGIC SOLUTIONS LLC | PROPERTY DATA INFO | 185.25 |
| Total 30583: | | | | | | 185.25 |
| **30584** | | | | | | |
| 05/22 | 05/24/2022 | 30584 | 22541 | DOTY BROS CONSTRUCTION CO | JOB 1300-21058-REPLACE LARGE METERS | 167,480.25 |
| 05/22 | 05/24/2022 | 30584 | 22541 | DOTY BROS CONSTRUCTION CO | JOB 1308-22179-17184 COLIMA (ILB HIT MAIN) | 2,130.38 |
| Total 30584: | | | | | | 169,610.63 |
| **30585** | | | | | | |
| 05/22 | 05/24/2022 | 30585 | 2550 | FRONTIER | PHONE SERVICE | 269.13 |
| Total 30585: | | | | | | 269.13 |
| **30586** | | | | | | |
| 05/22 | 05/24/2022 | 30586 | 5600 | G M SAGER CONSTRUCTION | ASPHALT | 1,773.00 |
| 05/22 | 05/24/2022 | 30586 | 5600 | G M SAGER CONSTRUCTION | CONCRETE | 1,512.50 |
| 05/22 | 05/24/2022 | 30586 | 5600 | G M SAGER CONSTRUCTION | ASPHALT & CONCRETE | 20,159.88 |
| Total 30586: | | | | | | 23,445.38 |
| **30587** | | | | | | |
| 05/22 | 05/24/2022 | 30587 | 62812 | GROWING ROOTS LLC | MONTHLY PLANT CARE | 320.00 |

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|---|---|---|---|---|---|---|
| Total 30587: | | | | | | 320.00 |
| **30588** | | | | | | |
| 05/22 | 05/24/2022 | 30588 | 2600 | HACH COMPANY | WATER QUALITY TESTING SUPPLIES | 32.93 |
| 05/22 | 05/24/2022 | 30588 | 2600 | HACH COMPANY | WATER QUALITY TESTING SUPPLIES | 1,176.12 |
| 05/22 | 05/24/2022 | 30588 | 2600 | HACH COMPANY | WATER QUALITY TESTING SUPPLIES | 1,176.12 |
| Total 30588: | | | | | | 2,385.17 |
| **30589** | | | | | | |
| 05/22 | 05/24/2022 | 30589 | 62624 | HASA INC | CHEMICALS FOR RCS | 609.54 |
| 05/22 | 05/24/2022 | 30589 | 62624 | HASA INC | CHEMICALS FOR RCS | 304.77 |
| 05/22 | 05/24/2022 | 30589 | 62624 | HASA INC | CHEMICALS FOR RCS | 304.77 |
| 05/22 | 05/24/2022 | 30589 | 62624 | HASA INC | CHEMICALS FOR RCS | 467.31 |
| 05/22 | 05/24/2022 | 30589 | 62624 | HASA INC | CHEMICALS FOR RCS | 304.77 |
| 05/22 | 05/24/2022 | 30589 | 62624 | HASA INC | CHEMICALS FOR RCS | 142.23 |
| Total 30589: | | | | | | 2,133.39 |
| **30590** | | | | | | |
| 05/22 | 05/24/2022 | 30590 | 379 | HIGHROAD INFORMATION TECHNOL | MNAGED SERVICE | 4,416.67 |
| 05/22 | 05/24/2022 | 30590 | 379 | HIGHROAD INFORMATION TECHNOL | DATA CENTER | 2,557.00 |
| 05/22 | 05/24/2022 | 30590 | 379 | HIGHROAD INFORMATION TECHNOL | MICROSOFT OFFICE 365 | 1,200.00 |
| 05/22 | 05/24/2022 | 30590 | 379 | HIGHROAD INFORMATION TECHNOL | MONTHLY SUBSCRIPTION FEE-AZURE | 9,980.00 |
| Total 30590: | | | | | | 18,153.67 |
| **30591** | | | | | | |
| 05/22 | 05/24/2022 | 30591 | 62703 | iWATER INC. | VALVE SERVICE | 12,932.00 |
| Total 30591: | | | | | | 12,932.00 |
| **30592** | | | | | | |
| 05/22 | 05/24/2022 | 30592 | 62066 | JANITORIAL SYSTEMS | MONTHLY JANITORIAL SERVICES | 660.00 |
| Total 30592: | | | | | | 660.00 |
| **30593** | | | | | | |
| 05/22 | 05/24/2022 | 30593 | 62803 | JOHN POEHLER | TOTAL EXPENSES-TUITION REIMBURSEMENT | 4,469.60 |
| Total 30593: | | | | | | 4,469.60 |
| **30594** | | | | | | |
| 05/22 | 05/24/2022 | 30594 | 62128 | LEWIS ENGRAVING INC | NAME BADGE | 33.42 |
| Total 30594: | | | | | | 33.42 |
| **30595** | | | | | | |
| 05/22 | 05/24/2022 | 30595 | 62835 | LOWE'S | TOOLS & SUPPLIES | 65.46 |
| Total 30595: | | | | | | 65.46 |
| **30596** | | | | | | |
| 05/22 | 05/24/2022 | 30596 | 62525 | MORROW-MEADOWS CORPORATION | RESERVOIR 4 & 9 | 747.40 |
| 05/22 | 05/24/2022 | 30596 | 62525 | MORROW-MEADOWS CORPORATION | GRANBY PUMP STATION | 747.40 |
| 05/22 | 05/24/2022 | 30596 | 62525 | MORROW-MEADOWS CORPORATION | CUATRO PUMP STATION | 298.96 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Description | Check Amount |
|---|---|---|---|---|---|---|
| 05/22 | 05/24/2022 | 30596 | 62525 | MORROW-MEADOWS CORPORATION | WHITTIER BOOSTER | 1,195.84 |
| 05/22 | 05/24/2022 | 30596 | 62525 | MORROW-MEADOWS CORPORATION | PUMP STATION 2A | 1,046.36 |
| 05/22 | 05/24/2022 | 30596 | 62525 | MORROW-MEADOWS CORPORATION | VISUAL ELECTRICAL INSPECTION-850 KEARN CRE | 896.88 |
| 05/22 | 05/24/2022 | 30596 | 62525 | MORROW-MEADOWS CORPORATION | RESERVOIR 6 | 597.92 |
| Total 30596: | | | | | | 5,530.76 |
| **30597** | | | | | | |
| 05/22 | 05/24/2022 | 30597 | 62735 | MUTUAL OF OMAHA | LIFE INSURANCE | 551.00 |
| 05/22 | 05/24/2022 | 30597 | 62735 | MUTUAL OF OMAHA | SHORT/LONG TERM DISABILITY | 1,413.72 |
| 05/22 | 05/24/2022 | 30597 | 62735 | MUTUAL OF OMAHA | DIRECTORS LIFE INSURANCE | 69.35 |
| Total 30597: | | | | | | 2,034.07 |
| **30598** | | | | | | |
| 05/22 | 05/24/2022 | 30598 | 62649 | OPARC | PAINTING FIRE HYDRANTS | 2,910.46 |
| Total 30598: | | | | | | 2,910.46 |
| **30599** | | | | | | |
| 05/22 | 05/24/2022 | 30599 | 62448 | PARS | GASBY 45 MANAGEMENT FEE | 1,509.12 |
| Total 30599: | | | | | | 1,509.12 |
| **30600** | | | | | | |
| 05/22 | 05/24/2022 | 30600 | 62771 | PUBLIC WATER AGENCIES GROUP | ASSESSMENT FOR EMERGENCY PREPAREDNESS | 1,541.92 |
| Total 30600: | | | | | | 1,541.92 |
| **30601** | | | | | | |
| 05/22 | 05/24/2022 | 30601 | 62502 | S & J SUPPLY COMPANY, INC | SUPPLIES FOR MAINS | 1,481.23 |
| 05/22 | 05/24/2022 | 30601 | 62502 | S & J SUPPLY COMPANY, INC | SUPPLIES FOR HYDRANTS | 876.00 |
| 05/22 | 05/24/2022 | 30601 | 62502 | S & J SUPPLY COMPANY, INC | TOOLS & SUPPLIES | 182.64 |
| 05/22 | 05/24/2022 | 30601 | 62502 | S & J SUPPLY COMPANY, INC | SUPPLIES FOR SERVICES | 492.76 |
| Total 30601: | | | | | | 3,032.63 |
| **30602** | | | | | | |
| 05/22 | 05/24/2022 | 30602 | 62691 | SJ LYONS CONSTRUCTION INC | FULLERTON BOOSTER STATION | 27,550.00 |
| Total 30602: | | | | | | 27,550.00 |
| **30603** | | | | | | |
| 05/22 | 05/24/2022 | 30603 | 5900 | SOCALGAS | GAS UTILITY BILL | 74.16 |
| Total 30603: | | | | | | 74.16 |
| **30604** | | | | | | |
| 05/22 | 05/24/2022 | 30604 | 62396 | SOUTH COAST AQMD | HOT SPOTS PROGRAM FEE | 143.88 |
| Total 30604: | | | | | | 143.88 |
| **30605** | | | | | | |
| 05/22 | 05/24/2022 | 30605 | 62813 | SOUTHLAND CIVIL ENGINEERING & S | PROPERTY LINE SURVEY ARTIGAS BOOSTER STA | 2,500.00 |
| Total 30605: | | | | | | 2,500.00 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Description | Check Amount |
|---|---|---|---|---|---|---|
| **30606** | | | | | | |
| 05/22 | 05/24/2022 | 30606 | 6075 | STAPLES CREDIT PLAN | OFFICE SUPPLIES | 38.73 |
| Total 30606: | | | | | | 38.73 |
| **30607** | | | | | | |
| 05/22 | 05/24/2022 | 30607 | 2180 | SWRCB-DWOCP | T3 RENEWAL-T COLEMAN | 90.00 |
| Total 30607: | | | | | | 90.00 |
| **30608** | | | | | | |
| 05/22 | 05/24/2022 | 30608 | 6500 | THERMALAIR INC | QUARTERLY PREVENTATIVE MAINTENANCE | 475.00 |
| 05/22 | 05/24/2022 | 30608 | 6500 | THERMALAIR INC | SEMI ANNUAL PREVENTATIVE MAINTENANCE INS | 295.00 |
| Total 30608: | | | | | | 770.00 |
| **30609** | | | | | | |
| 05/22 | 05/24/2022 | 30609 | 62626 | TRI COUNTY PUMP COMPANY | PULL & INSPECT WELL 1 PUMP AND MOTOR | 5,010.00 |
| 05/22 | 05/24/2022 | 30609 | 62626 | TRI COUNTY PUMP COMPANY | VIDEO LOG OF WELL 1 | 1,200.00 |
| 05/22 | 05/24/2022 | 30609 | 62626 | TRI COUNTY PUMP COMPANY | LABOR | 600.00 |
| Total 30609: | | | | | | 6,810.00 |
| **30610** | | | | | | |
| 05/22 | 05/24/2022 | 30610 | 7100 | U S POSTAL SERVICE | USPS MARKETING MAIL-PERMIT 5030 | 265.00 |
| Total 30610: | | | | | | 265.00 |
| **30611** | | | | | | |
| 05/22 | 05/24/2022 | 30611 | 6950 | UNDERGROUND SERVICE ALERT | SERVICE ALERT | 363.10 |
| Total 30611: | | | | | | 363.10 |
| **30612** | | | | | | |
| 05/22 | 05/24/2022 | 30612 | 62406 | UNITED RENTALS | TRUCK DUMP 10-14 YARD CDL | 2,629.18 |
| Total 30612: | | | | | | 2,629.18 |
| **30613** | | | | | | |
| 05/22 | 05/24/2022 | 30613 | 382 | W A RASIC CONSTRUCTION CO INC | JOB 22SX48-NOGALES GROUND WATER PUMP ST | 27,285.79 |
| Total 30613: | | | | | | 27,285.79 |
| **30614** | | | | | | |
| 05/22 | 05/24/2022 | 30614 | 7700 | WALNUT VALLEY WATER DISTRICT | RECYCLED WATER | 688.74 |
| Total 30614: | | | | | | 688.74 |
| **30615** | | | | | | |
| 05/22 | 05/24/2022 | 30615 | 205 | WARREN GRAPHICS | ROUND CORNER LABELS | 454.43 |
| 05/22 | 05/24/2022 | 30615 | 205 | WARREN GRAPHICS | POCKET GUIDES | 695.30 |
| Total 30615: | | | | | | 1,149.73 |
| **30616** | | | | | | |
| 05/22 | 05/24/2022 | 30616 | 62432 | WASTE MANAGEMENT COMPANY | HAUL CONCRETE, ASPHALT | 1,345.66 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Description | Check Amount |
|---|---|---|---|---|---|---|
| Total 30616: | | | | | | 1,345.66 |
| **30617** | | | | | | |
| 05/22 | 05/24/2022 | 30617 | 7950 | WESTERN WATER WORKS SUPPLY | MATERIAL FOR FULLERTON RD GRADE SEP | 118,220.34 |
| Total 30617: | | | | | | 118,220.34 |
| **30618** | | | | | | |
| 05/22 | 05/24/2022 | 30618 | 62562 | WOODARD & CURRAN | AS NEEDED POTABLE WATER SUPPORT SERVICE | 1,840.00 |
| Total 30618: | | | | | | 1,840.00 |
| **30635** | | | | | | |
| 05/22 | 05/31/2022 | 30635 | 62824 | ERIC RICHARD CHAMBERLIN | VENOMOUS SNAKE AWARENESS TRAINING | 300.00 |
| Total 30635: | | | | | | 300.00 |
| **30636** | | | | | | |
| 05/22 | 05/31/2022 | 30636 | 62789 | MY YUMMY TACOS | STAFF LUNCHEON | 672.30 |
| Total 30636: | | | | | | 672.30 |
| **51322** | | | | | | |
| 05/22 | 05/13/2022 | 51322 | 62493 | CADWAY INC (CAL DOMESTIC WATER | RTS | 675.43 |
| Total 51322: | | | | | | 675.43 |
| **5032022** | | | | | | |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | VEHICLE EXPENSE | 1,500.03 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | MAINTENANCE AND OPERATION | 97.49 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | MISC EXPENSES | 14,457.81 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | POSTAGE EXPENSE | 88.29 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | OFFICE SUPPLIES | 224.56 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | SERVICE CONTRACT | 252.14 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | CONFERENCE EXPENSE | 5,078.38 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | SERVICE CUTS | 1,722.00 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | SEMINAR AND TRAINING EXPENSES | 105.00 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | IT LICENSING | 156.65 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | MEMBERSHIP DUES | 152.21 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | SUPPLIES FOR METERS | 180.72 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | COMPLIANCE EQUIPMENT EXPENSE | 1,749.10 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | TOOLS & SUPPLIES | 632.64 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | SUPPLIES FOR RC | 396.68 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | SPECTRUM | 799.00 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | CENTRAL COMMUNICATION | 230.98 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | FREEDOM VOICE | 1,530.23 |
| 05/22 | 05/03/2022 | 503202 | 1070 | AMERICAN EXPRESS | DIRECTV | 93.99 |
| Total 5032022: | | | | | | 29,447.90 |
| **5132022** | | | | | | |
| 05/22 | 05/13/2022 | 513202 | 62558 | PUENTE BASIN WATER AGENCY | PM 22/PM 9 CONNECTION | 265,972.00 |
| 05/22 | 05/13/2022 | 513202 | 62558 | PUENTE BASIN WATER AGENCY | TVMWD CONNECTION CAPACITY | 1,675.49 |
| 05/22 | 05/13/2022 | 513202 | 62558 | PUENTE BASIN WATER AGENCY | TVMWD EQUIVALENT SMALL METER | 2,115.09 |
| 05/22 | 05/13/2022 | 513202 | 62558 | PUENTE BASIN WATER AGENCY | TVMWD WATER USE CHARGE | 1,357.20 |
| 05/22 | 05/13/2022 | 513202 | 62558 | PUENTE BASIN WATER AGENCY | MWD CAPACITY CHARGE | 12,619.47 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Description | Check Amount |
|---|---|---|---|---|---|---|
| 05/22 | 05/13/2022 | 513202 | 62558 | PUENTE BASIN WATER AGENCY | MWD LRP CREDIT FEB 2022 | 880.00- |
| 05/22 | 05/13/2022 | 513202 | 62558 | PUENTE BASIN WATER AGENCY | CYCLIC STORAGE PM 22 CONNECTION | 240,300.00 |
| 05/22 | 05/13/2022 | 513202 | 62558 | PUENTE BASIN WATER AGENCY | CREDIT FOR TVMWD CONNECTION CAPACITY JA | .01- |
| | Total 5132022: | | | | | 523,159.24 |
| **5242022** | | | | | | |
| 05/22 | 05/24/2022 | 524202 | 5800 | SO CALIFORNIA EDISON | OFFICE & PUMPING POWER | 24,552.20 |
| 05/22 | 05/24/2022 | 524202 | 5800 | SO CALIFORNIA EDISON | OFFICE & PUMPING POWER | 2,728.02 |
| | Total 5242022: | | | | | 27,280.22 |
| | Grand Totals: | | | | | 2,096,703.35 |

Summary by General Ledger Account Number

| GL Account | Debit | Credit | Proof |
|---|---|---|---|
| 11200-0 | 240,300.00 | .00 | 240,300.00 |
| 11505-0 | 464,152.71 | .00 | 464,152.71 |
| 11507-0 | 2,932.00 | .00 | 2,932.00 |
| 222100 | 6,979.19 | 2,103,682.54- | 2,096,703.35- |
| 51310-0 | 849,896.52 | 880.01- | 849,016.51 |
| 51410-1 | 3,229.04 | .00 | 3,229.04 |
| 51410-2 | 3,027.06 | .00 | 3,027.06 |
| 51410-3 | 2,115.09 | .00 | 2,115.09 |
| 51410-5 | 20,072.85 | .00 | 20,072.85 |
| 51510-0 | 25,336.74 | .00 | 25,336.74 |
| 51610-0 | 675.43 | .00 | 675.43 |
| 51810-0 | 14,199.77 | .00 | 14,199.77 |
| 51910-0 | 8,286.12 | .00 | 8,286.12 |
| 52210-0 | 8,267.75 | .00 | 8,267.75 |
| 52310-0 | 32,056.19 | .00 | 32,056.19 |
| 54209-0 | 7,501.68 | .00 | 7,501.68 |
| 54210-0 | 22,344.71 | .00 | 22,344.71 |
| 54211-0 | 44,696.53 | .00 | 44,696.53 |
| 54212-0 | 5,425.77 | 190.11- | 5,235.66 |
| 54213-0 | 245.63 | .00 | 245.63 |
| 54214-0 | 17,568.49 | .00 | 17,568.49 |
| 54215-0 | 6,647.26 | .00 | 6,647.26 |
| 54217-0 | 4,205.80 | .00 | 4,205.80 |
| 54218-0 | 28,360.79 | .00 | 28,360.79 |
| 54219-0 | 1,195.84 | .00 | 1,195.84 |
| 56210-0 | 4,129.21 | .00 | 4,129.21 |
| 56211-0 | 4,752.41 | .00 | 4,752.41 |
| 56214-0 | 697.07 | .00 | 697.07 |
| 56215-0 | 152.21 | .00 | 152.21 |
| 56216-0 | 1,536.44 | .00 | 1,536.44 |
| 56217-0 | 55.69 | .00 | 55.69 |
| 56218-0 | 8,670.60 | .00 | 8,670.60 |
| 56218-2 | 1,541.92 | .00 | 1,541.92 |
| 56219-0 | 9,111.29 | .00 | 9,111.29 |
| 56220-0 | 15,029.17 | .00 | 15,029.17 |
| 56221-0 | 14,277.50 | .00 | 14,277.50 |
| 56223-0 | 5,159.53 | .00 | 5,159.53 |

| GL Account | | Debit | Credit | Proof |
|---|---|---|---|---|
| | 56226-0 | 21,706.65 | .00 | 21,706.65 |
| | 56310-0 | 800.00 | .00 | 800.00 |
| | 56312-0 | 47,954.48 | .00 | 47,954.48 |
| | 56320-0 | 12,154.35 | .00 | 12,154.35 |
| | 56411-0 | 47,297.41 | .00 | 47,297.41 |
| | 56413-0 | 3,330.07 | .00 | 3,330.07 |
| | 56415-0 | 671.25 | .00 | 671.25 |
| | 56416-0 | 551.00 | .00 | 551.00 |
| | 56417-0 | 18,793.82 | .00 | 18,793.82 |
| | 56418-0 | 1,413.72 | .00 | 1,413.72 |
| | 56419-0 | 59.50 | .00 | 59.50 |
| | 56421-0 | 9,388.56 | .00 | 9,388.56 |
| | 56510-0 | 257.07 | .00 | 257.07 |
| | 56710-0 | 1,561.04 | .00 | 1,561.04 |
| | 56812-0 | 19,488.16 | 20.20- | 19,467.96 |
| | 57310-0 | 17,265.00 | 5,800.00- | 11,465.00 |
| | 57312-0 | 10,814.76 | 88.87- | 10,725.89 |
| | 57314-0 | 4,700.99 | .00 | 4,700.99 |
| | 57320-0 | 375.00 | .00 | 375.00 |
| | 57321-0 | 5,497.80 | .00 | 5,497.80 |
| | 57323-0 | 1,749.10 | .00 | 1,749.10 |
| Grand Totals: | | 2,110,661.73 | 2,110,661.73- | .00 |

Report Criteria:
Report type: GL detail

Report Criteria:
Detail Report

| Check Number | Check Issue Date | Payee |
|---|---|---|
| 30195 | 05/24/2022 | MEI YAN CHUNG |

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 706160-98 | Void - DEPOSIT REFUND | 22810-0 | 141.79- | 141.79- |

| Check Number | Check Issue Date | Payee |
|---|---|---|
| 30544 | 05/11/2022 | SHOES THAT FIT |

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | | EMPLOYEE & BOARD DONATION | 56812-0 | 6,000.00 | 6,000.00 |

| Check Number | Check Issue Date | Payee |
|---|---|---|
| 30545 | 05/11/2022 | STATE WATER RESOURCES CONTROL BOARD |

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | | WATER ARREARAGES REFUND | 22299-0 | 56,258.76 | 56,258.76 |

| Check Number | Check Issue Date | Payee |
|---|---|---|
| 30546 | 05/11/2022 | BATTERY TECHNOLOGY INC |

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | | PROJECT REFUND | 24110-0 | 3,822.14 | 3,822.14 |

| Check Number | Check Issue Date | Payee |
|---|---|---|
| 30619 | 05/25/2022 | MEI YA CHUNG |

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 706160-98 | DEPOSIT REFUND | 22810-0 | 141.79 | 141.79 |

| Check Number | Check Issue Date | Payee |
|---|---|---|
| 30620 | 05/25/2022 | ZHENFENG LUO |

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 219297-21 | DEPOSIT REFUND | 22810-0 | 477.00 | 477.00 |

| Check Number | Check Issue Date | Payee |
|---|---|---|
| 30621 | 05/25/2022 | DURO CORPORATION |

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 288982-17 | DEPOSIT REFUND | 22810-0 | 218.00 | 218.00 |

| Check Number | Check Issue Date | Payee |
|---|---|---|
| 30622 | 05/25/2022 | P K CONSTRUCTION |

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 9600168-01 | DEPOSIT REFUND | 22810-0 | 3,165.00 | |
| 2 | 9600168-01 | CREDIT REFUND-OVERPAYMENT | 15210-0 | 274.45 | 3,439.45 |

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|

30623 05/25/2022 GERRIE RUE

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 690040-00 | CREDIT REFUND | 15210-0 | 192.29 | 192.29 |

30624 05/25/2022 PETER WONG

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 276056-32 | CREDIT REFUND | 15210-0 | 11.55 | 11.55 |

30625 05/25/2022 LUCY M H YEE

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 164968-51 | CREDIT REFUND | 15210-0 | 551.55 | 551.55 |

30626 05/25/2022 CARLOS JARA

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 259998-21 | CREDIT REFUND | 15210-0 | 406.11 | 406.11 |

30627 05/25/2022 KENNETH KENNEDY

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 42317-05 | CREDIT REFUND | 15210-0 | 93.98 | 93.98 |

30628 05/25/2022 ZHANG CENLUN

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 100422-98 | CREDIT REFUND | 15210-0 | 76.91 | 76.91 |

30629 05/25/2022 VINCENT TAM

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 863179-64 | CREDIT REFUND | 15210-0 | 33.66 | 33.66 |

30630 05/25/2022 RONGLIANG LIANG

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 181084-38 | CREDIT REFUND | 15210-0 | 34.22 | 34.22 |

30631 05/25/2022 UNION LOGISTICS INC

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| Sequence | Source | Description | GL Account | Amount | Check Amount |
| 1 | 218949-94 | CREDIT REFUND | 15210-0 | 76.09 | 76.09 |

30632 05/25/2022 DAVID QUIN

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 250143-43 | CREDIT REFUND | 15210-0 | 285.51 | 285.51 |

30633 05/25/2022 PATRICIA WHETSEL

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 806248-25 | CREDIT REFUND | 15210-0 | 118.44 | 118.44 |

30634 05/25/2022 AARON FALCON MARTINEZ

| Sequence | Source | Description | GL Account | Amount | Check Amount |
|---|---|---|---|---|---|
| 1 | 696553-51 | CREDIT REFUND | 15210-0 | 350.62 | 350.62 |
| | | Grand Totals: | | | 72,446.28 |

Report Criteria:
Detail Report

# ROWLAND WATER DISTRICT
# CASH INVESTMENTS
## As of May 31, 2022

| Description / Type | Term | Shares / Units Held | Purchase Price | Current Price | Maturity Date | Current Yield | Current Value | % of Portfolio |
|---|---|---|---|---|---|---|---|---|
| **Cash** | | | | | | | | |
| Citizens Business Bank | | | | | | | $ 8,596,811 | |
| **Total Cash** | | | | | | | **$ 8,596,811** | |
| **Local Agency Investment Fund (LAIF)** | N/A | | | | | 0.68% | $ 2,124,150 | 15.23% |
| **Citizens Trust Investments (US Bank Custodian)** | | | | | | | | |
| Fed'l Home Loan Mtg. Corp. - WTK6 | 4 Year | 500,000 | 96.8350 | 96.9540 | 11/3/2023 | 0.31% | $ 484,770 | 3.48% |
| Fed'l Home Loan Mtg. Corp. - WVJ2 | 4 Year | 300,000 | 100.0000 | 94.9990 | 9/30/2024 | 0.42% | $ 284,997 | 2.04% |
| Fed'l National Mtg. Assn. - 06M0 | 4 Year | 200,000 | 100.0000 | 94.5340 | 12/16/2024 | 0.53% | $ 189,068 | 1.36% |
| Fed'l Home Loan Mtg. Corp. - 4C27 | 5 Year | 350,000 | 100.0000 | 93.7940 | 7/29/2025 | 0.75% | $ 328,279 | 2.35% |
| Fed'l National Mtg. Assn. - 4XZ1 | 5 Year | 200,000 | 100.0000 | 94.0600 | 6/30/2025 | 0.79% | $ 188,120 | 1.35% |
| Fed'l National Mtg. Assn. - 0U43 | 5 Year | 250,000 | 99.6518 | 100.6810 | 9/12/2023 | 2.86% | $ 251,703 | 1.80% |
| Fed'l Home Loan Bank - 0T94 | 5 Year | 505,000 | 99.2492 | 100.3860 | 1/19/2023 | 2.37% | $ 506,949 | 3.63% |
| Fed'l Home Loan Bank - MSE3 | 5 Year | 500,000 | 99.9250 | 98.6450 | 3/1/2023 | 0.11% | $ 493,225 | 3.54% |
| Fed'l Farm Cr Bks - MLT7 | 3 Year | 200,000 | 99.9040 | 96.5030 | 12/28/2023 | 0.22% | $ 193,006 | 1.38% |
| Fed'l Farm Cr Bks - MLT7 | 3 Year | 25,000 | 99.7000 | 96.5030 | 12/28/2023 | 0.22% | $ 24,126 | 0.17% |
| Fed'l Farm Cr Bks - MLV2 | 3 Year | 150,000 | 99.6670 | 95.9590 | 4/5/2024 | 0.28% | $ 143,939 | 1.03% |
| Fed'l Farm Cr Bks - MFP2 | 4 Year | 500,000 | 99.9490 | 94.8110 | 11/4/2024 | 0.46% | $ 474,055 | 3.40% |
| Fed'l Farm Cr Bks - L5S9 | 3 Year | 350,000 | 99.9200 | 94.8300 | 9/3/2024 | 0.51% | $ 331,905 | 2.38% |
| Fed'l Home Loan Banks - KMF0 | 4 Year | 200,000 | 99.9540 | 94.5770 | 10/28/2024 | 0.32% | $ 189,154 | 1.36% |
| Fed'l Home Loan Banks - JP45 | 3 Year | 200,000 | 100.0000 | 96.3030 | 3/11/2024 | 0.52% | $ 192,606 | 1.38% |
| Fed'l Home Loan Banks - L7D0 | 5 Year | 200,000 | 99.7900 | 92.8790 | 8/26/2025 | 0.54% | $ 185,758 | 1.33% |
| Fed'l Home Loan Banks -N6N5 | 4 Year | 200,000 | 100.0000 | 94.1260 | 4/29/2025 | 0.74% | $ 188,252 | 1.35% |
| Fed'l Home Loan Banks - LGR9 | 5 Year | 500,000 | 100.0000 | 93.6220 | 2/26/2026 | 0.91% | $ 468,110 | 3.36% |
| Fed'l Home Loan Banks - LLD4 | 5 Year | 250,000 | 99.9250 | 93.5670 | 3/17/2026 | 0.93% | $ 233,918 | 1.68% |
| Fed'l Home Loan Banks - MUX8 | 5 Year | 200,000 | 99.9300 | 93.3940 | 3/30/2026 | 0.94% | $ 186,788 | 1.34% |
| Fed'l Home Loan Banks - PUY9 | 4 Year | 200,000 | 100.0000 | 95.8490 | 2/28/2025 | 1.04% | $ 191,698 | 1.37% |
| Fed'l Home Loan Banks - P6M2 | 5 Year | 200,000 | 100.0000 | 93.1340 | 9/30/2026 | 1.09% | $ 186,268 | 1.34% |
| Fed'l Home Loan Banks - PS48 | 3 Year | 165,000 | 98.8630 | 96.1450 | 11/18/2024 | 1.09% | $ 158,639 | 1.14% |
| Fed'l Home Loan Banks - QP56 | 3 Year | 350,000 | 100.0000 | 97.5590 | 6/21/2024 | 1.23% | $ 341,457 | 2.45% |
| Fed'l Home Loan Bank - Q7E7 | 5 Year | 200,000 | 99.9050 | 95.7940 | 6/30/2026 | 1.57% | $ 191,588 | 1.37% |
| Fed'l Home Loan Bank - QJD6 | 4 Year | 200,000 | 99.7190 | 93.5690 | 10/27/2026 | 1.60% | $ 187,138 | 1.34% |
| Fed'l National Mtg. Assn. - 1BR5 | 5 Year | 125,000 | 101.0674 | 100.1160 | 12/9/2022 | 1.87% | $ 125,145 | 0.90% |
| Fed'l Home Loan Bank - 0GJ0 | 5 Year | 250,000 | 102.0745 | 100.2040 | 9/9/2022 | 2.00% | $ 250,510 | 1.80% |
| Fed'l Home Loan Bank - S3HO | 2 Year | 300,000 | 100.0000 | 99.9710 | 2/26/2024 | 2.63% | $ 299,913 | 2.15% |
| Fed'l National Mtg. Assn. - DRG9 | 5 Year | 250,000 | 100.8232 | 100.5850 | 3/10/2023 | 2.73% | $ 251,463 | 1.80% |
| Fed'l Home Loan Bank - 0F70 | 2 Year | 125,000 | 104.3708 | 101.3870 | 12/8/2023 | 3.33% | $ 126,734 | 0.91% |
| US Treasury Note - 82P4 | 5 Year | 250,000 | 100.3750 | 100.1400 | 7/31/2022 | 1.87% | $ 250,350 | 1.79% |
| Air Prods & Chems Inc. - 8BB1 | 5 Year | 255,000 | 104.1940 | 94.6980 | 10/15/2025 | 1.58% | $ 241,480 | 1.73% |
| Apple Inc. - 3DT4 | 5 Year | 200,000 | 102.4560 | 95.1560 | 5/11/2025 | 1.18% | $ 190,312 | 1.36% |
| Apple Inc. - 3CU2 | 5 Year | 150,000 | 103.6730 | 100.3810 | 5/11/2024 | 2.84% | $ 150,572 | 1.08% |
| Apple Inc. - 3CG3 | 5 Year | 400,000 | 104.3970 | 100.6270 | 2/9/2024 | 2.98% | $ 402,508 | 2.89% |
| Bank of New York Mellon Corp. - RAE7 | 5 Year | 250,000 | 99.8060 | 100.3990 | 1/29/2023 | 2.94% | $ 250,998 | 1.80% |
| Floria Pwr & Lt Co - 1FZ5 | 5 Year | 800,000 | 108.9188 | 99.5620 | 4/1/2025 | 2.86% | $ 796,496 | 5.71% |
| Paccar Financial Corp. - RQ66 | 5 Year | 500,000 | 104.7908 | 96.5520 | 2/6/2025 | 1.86% | $ 482,760 | 3.46% |
| Paccar Financial Corp. - RP59 | 3 Year | 170,000 | 105.0550 | 100.9130 | 8/9/2023 | 3.37% | $ 171,552 | 1.23% |
| US Bancorp Mtns. - HHV5 | 5 Year | 200,000 | 102.1370 | 100.5990 | 2/5/2024 | 3.35% | $ 201,198 | 1.44% |
| Inter American Development Bank - 0CC0 | 3 Year | 200,000 | 104.5920 | 100.6980 | 10/24/2023 | 2.98% | $ 201,396 | 1.44% |
| Intl Bank for Recon & Dev - 8JB0 | 5 Year | 400,000 | 98.7800 | 94.0310 | 4/22/2025 | 0.67% | $ 376,124 | 2.70% |
| Cash Reserve Account | | | | | | 0.62% | $ 259,556 | 1.86% |
| **Total Citizens Trust Investments** | | | | | | | **$ 11,824,579** | **84.77%** |
| **Total Investments** | | | | | | | **$ 13,948,729** | **100.00%** |
| **Total Cash & Investments** | | | | | | | **$ 22,545,540** | |

*Market values determined on last business day of the month. All listed investments comply with the District's Statement of Investment Policy as established in Resolution 2-2007. The District's available cash and investment portfolio provides sufficient cash flow and liquidity to meet all normal obligations for at least a six-month period of time.*

*NOTE: All interest values show above are based on annual rates of return.*

# ROWLAND WATER DISTRICT
# PROFIT & LOSS
## May 2022

| | | May-22 | Year-to-Date (YTD) | Budget (Annual) | Under / (Over) Budget | YTD Budget % | Prior YTD |
|---|---|---|---|---|---|---|---|
| 1 | **OPERATING REVENUE** | | | | | | |
| 2 | Water Sales | $ 1,322,830 | $ 14,528,062 | $ 15,537,800 | $ 1,009,738 | 94% | $ 13,839,703 |
| 3 | Meter Charges | 965,097 | 10,862,198 | 11,643,400 | 781,202 | 93% | 10,723,686 |
| 4 | Customer Fees | 74,434 | 325,155 | 253,500 | (71,655) | 128% | 98,063 |
| 5 | Contract Income | 15,219 | 145,561 | 167,100 | 21,539 | 87% | 129,778 |
| 6 | RWD Labor Sales/Reimbursements | 19,996 | 204,769 | 101,200 | (103,569) | 202% | 180,676 |
| 7 | Capacity Fees | 202,675 | 292,724 | 175,000 | (117,724) | 167% | 111,236 |
| 8 | Flow Tests | 975 | 15,725 | 20,000 | 4,275 | 79% | 15,050 |
| 9 | Return Check Fees | 570 | 4,860 | 3,600 | (1,260) | 135% | 3,360 |
| 10 | Uncollectable | - | - | (68,000) | (68,000) | 0% | - |
| 11 | **TOTAL OPERATING REVENUE** | **2,601,796** | **26,379,053** | **27,833,600** | **1,454,547** | **95%** | **25,101,552** |
| 12 | **NON-OPERATING REVENUE** | | | | | | |
| 13 | Property Taxes | 37,843 | 373,525 | 387,600 | 14,075 | 96% | 394,680 |
| 14 | Shared Services | 4,873 | 43,908 | 39,000 | (4,908) | 113% | 31,681 |
| 15 | Interest Income | 7,261 | 188,856 | 247,200 | 58,344 | 76% | 206,748 |
| 16 | Miscellaneous Income | 53,801 | (474,703) | 25,000 | 499,703 | -1899% | (38,844) |
| 17 | **TOTAL NON-OPERATING REVENUE** | **103,778** | **131,587** | **698,800** | **567,213** | **19%** | **594,265** |
| 18 | **TOTAL REVENUES** | **2,705,574** | **26,510,640** | **28,532,400** | **2,021,760** | **93%** | **25,695,817** |
| 19 | **OPERATING EXPENSES** | | | | | | |
| 20 | Source of Supply | | | | | | |
| 21 | Water Purchases | 960,787 | 9,584,391 | 11,136,700 | 1,552,309 | 86% | 9,417,046 |
| 22 | Pumping Power | 31,131 | 331,170 | 334,300 | 3,130 | 99% | 334,500 |
| 23 | Fixed Charges | 28,106 | 298,558 | 327,000 | 28,442 | 91% | 256,142 |
| 24 | Chemicals | 4,245 | 51,571 | 100,000 | 48,429 | 52% | 71,289 |
| 25 | Total Source of Supply | 1,024,269 | 10,265,689 | 11,898,000 | 1,632,311 | 86% | 10,078,977 |
| 26 | Maintenance of Water System | 77,861 | 834,037 | 721,700 | (112,337) | 116% | 637,171 |
| 27 | Service Contracts | 39,022 | 377,825 | 400,800 | 22,975 | 94% | 258,879 |
| 28 | Assessments | 26 | 151,122 | 280,000 | 128,878 | 54% | 254,068 |
| 29 | Vehicle Expense | 21,970 | 118,539 | 87,600 | (30,939) | 135% | 80,784 |
| 30 | Tools & Supplies | 3,718 | 42,259 | 55,900 | 13,641 | 76% | 35,563 |
| 31 | Equipment Expense | 2,072 | 31,516 | 34,700 | 3,184 | 91% | 16,522 |
| 32 | Maintenance & Operations | 6,533 | 61,071 | 98,200 | 37,129 | 62% | 76,194 |
| 33 | Engineering | 39,367 | 234,875 | 400,000 | 165,125 | 59% | 225,907 |
| 34 | Water Tests | 1,674 | 23,410 | 24,000 | 590 | 98% | 23,203 |
| 35 | Conservation | 1,830 | 37,271 | 50,000 | 12,729 | 75% | 32,205 |
| 36 | Community Outreach | 12,246 | 243,339 | 235,400 | (7,939) | 103% | 173,917 |
| 37 | **TOTAL OPERATING EXPENSES** | **1,230,587** | **12,420,953** | **14,286,300** | **1,865,347** | **87%** | **11,893,389** |
| 38 | **ADMINISTRATIVE EXPENSES** | | | | | | |
| 39 | Liability Insurance | - | 125,403 | 134,500 | 9,097 | 93% | 123,090 |
| 40 | IT Support Services | 10,106 | 136,910 | 135,300 | (1,610) | 101% | 136,062 |
| 41 | IT Licensing | 14,506 | 230,718 | 235,400 | 4,682 | 98% | 117,792 |
| 42 | Director Expense | 13,089 | 141,639 | 201,200 | 59,561 | 70% | 138,087 |

# ROWLAND WATER DISTRICT
# PROFIT & LOSS
## May 2022

| | | May-22 | Year-to-Date (YTD) | Budget (Annual) | Under / (Over) Budget | YTD Budget % | Prior YTD |
|---|---|---|---|---|---|---|---|
| 43 | Bank / Management Fees | 16,540 | 157,604 | 161,800 | 4,196 | 97% | 139,867 |
| 44 | Legal Fees | 16,652 | 92,441 | 116,700 | 24,259 | 79% | 78,463 |
| 45 | Compliance | 5,671 | 114,000 | 114,000 | 0 | 100% | 99,478 |
| 46 | Auditing & Accounting | - | 24,857 | 35,000 | 10,143 | 71% | 39,214 |
| 47 | Utility Services | 10,738 | 104,193 | 123,100 | 18,907 | 85% | 108,916 |
| 48 | Dues & Memberships | 152 | 47,278 | 41,600 | (5,678) | 114% | 47,625 |
| 49 | Conference & Meetings | 11,778 | 36,981 | 35,000 | (1,981) | 106% | 925 |
| 50 | Office Expenses | 7,728 | 34,929 | 34,100 | (829) | 102% | 33,616 |
| 51 | Seminars/Training | 18,551 | 90,485 | 115,000 | 24,515 | 79% | 18,053 |
| 52 | Miscellaneous Expense | 31,607 | 94,205 | 156,000 | 61,795 | 60% | 69,697 |
| 53 | **TOTAL ADMINISTRATIVE EXPENSES** | **157,117** | **1,431,642** | **1,638,700** | **207,058** | **87%** | **1,150,884** |
| 54 | **PERSONNEL EXPENSES** | | | | | | |
| 55 | Wages | | | | | | |
| 56 | Operations | 60,033 | 741,708 | 1,094,100 | 352,392 | 68% | 719,138 |
| 57 | Distribution | 106,291 | 994,411 | 1,133,100 | 138,689 | 88% | 880,885 |
| 58 | Administration | 114,521 | 1,368,584 | 1,587,400 | 218,816 | 86% | 1,355,678 |
| 59 | Total Wages | 280,845 | 3,104,703 | 3,814,600 | 709,897 | 81% | 2,955,701 |
| 60 | Payroll Taxes | 21,462 | 208,094 | 258,900 | 50,806 | 80% | 202,132 |
| 61 | Workers Compensation | - | 45,432 | 90,300 | 44,868 | 50% | 64,235 |
| 62 | Unemployment | - | 5,502 | 7,000 | 1,498 | 79% | 6,647 |
| 63 | CalPERS | 72,382 | 1,274,357 | 1,396,700 | 122,343 | 91% | 754,381 |
| 64 | OPEB Contributions | - | - | - | - | 0% | 1,385,000 |
| 65 | EE & Retiree Health Insurance | 71,781 | 763,023 | 984,600 | 221,577 | 77% | 705,750 |
| 66 | **TOTAL PERSONNEL EXPENSES** | **446,470** | **5,401,111** | **6,552,100** | **1,150,989** | **82%** | **6,073,845** |
| 67 | **TOTAL EXPENSES** | **1,834,174** | **19,253,706** | **22,477,100** | **3,223,394** | **86%** | **19,118,119** |
| 68 | **NET INCOME / (LOSS) - BEFORE DEBT SERVICE & CAPITAL EXPENDITURES** | **871,400** | **7,256,934** | **6,055,300** | **(1,201,634)** | **120%** | **6,577,698** |
| 69 | Less: Total Debt Service | (1,853) | (191,298) | (523,200) | 331,903 | 37% | (1,423,117) |
| 70 | Less: CalPERS (Bond Debt Savings) | (334,496) | (1,942,000) | (1,942,000) | - | 100% | - |
| 71 | Less: Capital Expenses (Current Year) | (244,850) | (2,298,058) | (4,077,600) | 1,779,542 | 56% | (2,632,985) |
| 72 | **CASH INCREASE / (DECREASE)** | **$ 290,202** | **$ 2,825,578** | **$ (487,500)** | **$ 3,313,078** | | **$ 2,521,596** |

**No assurance is provided on these financial statements. The financial statements do not include a statement of cash flows. Substantially all disclosures required by accounting principles generally accepted in the United States are not included.*

# Rowland Water District

# Profit & Loss Analysis and Variance Report

### May 2022

1. **OPERATING REVENUE**
2. Water Sales – volumetric water sales revenue from all customer types including residential, commercial, public, industrial, recycled and construction. YTD is trending at 94%.
3. Meter Charges – the fixed monthly base rate charged to water customers each month (includes all customer types). YTD is at 93%.
4. Customer Fees – various fees conditionally charged to customers such as penalties, new service connections, reconnections, backflow administration, cross connections, connections and recycled water checks/inspections. These types of fees are unpredictable in nature and can often trend over/under expected budget. YTD is at 128%.
5. Contract Income – contains revenues from tower lease contracts. YTD is currently at 87%.
6. RWD Labor Sales/Reimbursements – water sold on construction invoices, City of Industry labor sales and Pomona-Walnut-Rowland Joint Water Line Commission (PWR JWLC) treasurer fees. The frequency and amounts of these revenues are unknown and can occasionally trend over/under budget due to their unpredictable nature. YTD is high at 202% due to volume of labor sales/reimbursements.
7. Capacity Fees – fees imposed on any property or person requesting a new, additional or larger connection to the District's potable water system (fees vary by meter size). These receipts are uncertain and can trend over/under budget due to their unpredictable nature. YTD is at 167% due to capacity fees received from a developer for a 54-unit condominium complex.
8. Flow Tests – fire flow tests performed by District personnel to measure the volume of water available at a specific hydrant ($350 per test). YTD is at 79%.
9. Return Check Fees – customers are charged a fee when the District is paid with insufficient funds checks and checks are returned by the bank. These receipts are uncertain and can trend over/under budget due to their unpredictable nature. YTD is currently at 135% due to timing of return check fees.
10. Uncollectable – the District analyzes customer receivables at the end of each year and recognizes an expense equal to the estimated amount of cash that may not be collected. Uncollectable expense will be zero until assessed at year-end.
11. **TOTAL OPERATING REVENUE**
12. **NON-OPERATING REVENUE**

13. Property Taxes – includes tax contributions from the County of Los Angeles. YTD is at 96% since the bulk of receipts happen between December and May each year and can cause YTD % to trend over/under expected budget %.
14. Shared Services – RWD is paid for extending Executive Director services to Bellflower-Somerset Mutual Water Company (provided by the General Manager of RWD) and accounting and treasurer services to CalMutuals Joint Powers Risk and Insurance Management Authority (provided by the Director of Finance of RWD). YTD is at 113%.
15. Interest Income – includes interest and dividends received on District investments. YTD is at 76%.
16. Miscellaneous Income – includes income from various sources such as recycling, refunds and unrealized gains or losses on investments. YTD is at -1889% due to unrealized losses on investments.
17. **TOTAL NON-OPERATING REVENUE**
18. **TOTAL REVENUES**
19. **OPERATING EXPENSES**
20. **SOURCE OF SUPPLY**
21. Water Purchases – Includes variable costs of potable water from Three Valleys Municipal Water District (TVMWD) and California Domestic Water Company (CalDomestic), and recycled water purchases from City of Industry and Walnut Valley Water District (WVWD). YTD is at 86%.
22. Pumping Power – the cost of electricity used for pumping water. YTD is trending high at 99% due to high electricity utilized during warm months.
23. Fixed Charges – includes fixed charges from TVMWD and CalDomestic. YTD is at 91%.
24. Chemicals – the cost of chemicals used to treat water sold to customers. YTD is at 52% since the budget includes the cost of chemical for Whittier Booster Station (WBS) to run four pumps. WBS is currently operating with one pump.
25. **TOTAL SOURCE OF SUPPLY**
26. Maintenance of Water System – the costs of repairs and maintenance on elements of the District water system such as main lines, services, meters, reservoirs, valves, hydrants, and telemetry system. YTD is at 116% due to the unpredictable nature of repairs and maintenance costs.

27. Service Contracts – includes costs for services such as billing printing and mailing, bulk paper shredding, copier leasing and services, landscaping, janitorial, uniforms, security system monitoring and maintenance, Caselle maintenance and support, Harmony renewal, water rate study and other services. YTD is at 94%.
28. Assessments – operating costs billed to RWD for their share of the PWR JWLC, which is billed quarterly, and the Puente Basin Water Agency (PBWA), which is billed monthly. YTD can trend over/under budget due to the timing of billing. YTD is currently low at 54%.
29. Vehicle Expense – includes repair and maintenance costs for District vehicles as well as the cost of fuel. YTD can trend over/under budget due to the timing of truck maintenance and fuel purchases. YTD is currently high at 135% due to the high cost of fuel purchases.
30. Tools & Supplies – small tools and supplies used in the field. YTD can trend over/under budget due to the timing of tools and supplies. YTD is at 76%.
31. Equipment Expense – various costs incurred related to District equipment. YTD can trend over/under budget due to the timing of tools and supplies. YTD is high at 91%.
32. Maintenance & Operations – various costs incurred for District maintenance and operations not directly related to the water system. YTD can trend over/under budget due to the timing of maintenance and operations. YTD is currently low at 62%.
33. Engineering – general engineering costs related to District operations. YTD is currently low at 59% due to timing of engineering costs.
34. Water Tests – laboratory testing and sampling of District water. YTD is at 98%.
35. Conservation – water conservation programs and efforts. YTD is at 75%.
36. Community Outreach – costs related to public relations and community outreach. YTD is high at 103% due to public relations consulting fees paid for RWD video series and Prop 218.
37. **TOTAL OPERATING EXPENSES**
38. **ADMINISTRATIVE EXPENSES**
39. Liability Insurance – coverage through ACWA JPIA for the District insurance package. YTD is high at 93% due to timing of insurance bill and budgeting method used.
40. IT Support Services – information technology support services. YTD is at 101% due to the volume of IT support security projects.
41. IT Licensing – includes costs for various software licenses. YTD is high at 98% due to timing of IT licensing expenses.

# Rowland Water District

## Profit & Loss Analysis and Variance Report

### May 2022

42. Director Expense – costs for director compensation and benefits. YTD is at 70% of budget due to less meetings during the COVID-19 pandemic.
43. Bank/Management Fees – includes various banking fees, Paymentus fees (for processing customer payments) and investment administrative fees. YTD is currently at 97% due to the high volume of customer payments processed through Paymentus.
44. Legal Fees – legal costs related to RWD, PBWA and Public Water Agencies Group (PWAG). YTD is currently at 79%.
45. Compliance – includes costs for State Water Resources Control Board (SWRCB) compliance, LA County property taxes, various employee certifications, District permits, and maintenance costs for equipment compliance. YTD is high at 100% due to timing of SWRCB billing.
46. Auditing & Accounting – includes consulting services for complex accounting matters and annual audit assurance services related to District financial reporting. YTD is at 71%.
47. Utility Services – costs related to office electricity, office phones, gas and district cell phones. YTD is at 85%.
48. Dues & Memberships – costs for district memberships, dues and subscriptions to various agencies such as the Water Education Foundation, Association of California Water Agencies, Urban Water Institute, California Special Districts Association and American Water Works Association. YTD is high at 114% due to the timing of these billings.
49. Conference & Meetings – conference attendance and meeting expenses. YTD is high at 106% due to increase in post-pandemic conference attendance.
50. Office Expenses – costs for office supplies, postage, printing, and stationery. YTD is high at 102% due to Prop 218 printing and mailing costs.
51. Seminars/Training – employee seminars and training. YTD is low at 79% due to timing of seminars/training billing.
52. Miscellaneous Expense – includes costs for travel, books & subscriptions, and miscellaneous general expenses. YTD is at 60% due to the timing of these expenses.
53. **TOTAL ADMINISTRATIVE EXPENSES**
54. **PERSONNEL EXPENSES**
55. **WAGES**
56. Operations – wages expense (regular, standby, OT) attributable to Operations. YTD is low at 68% since the Director of Operations position has not been filled.

# Rowland Water District

## Profit & Loss Analysis and Variance Report

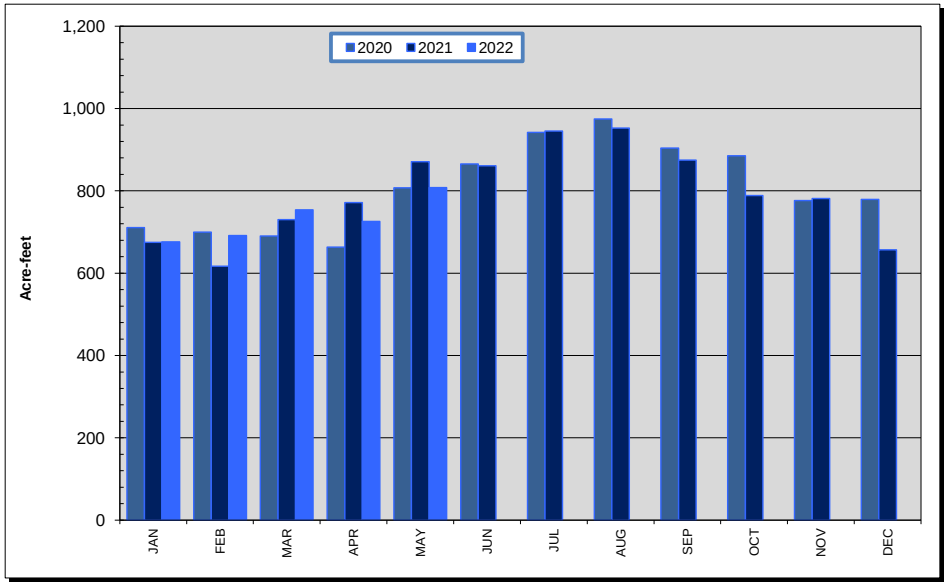
### May 2022

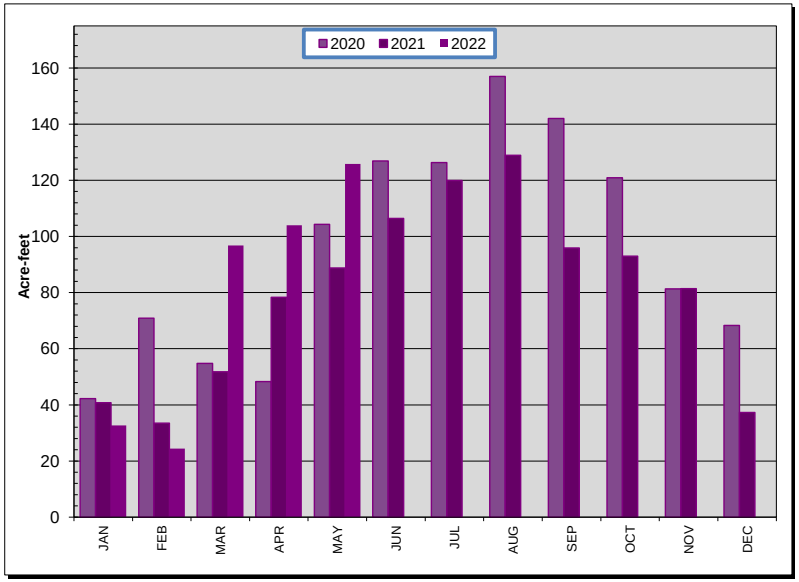
57. Distribution – wages expense (regular, standby, OT) attributable to Distribution. YTD is at 88%.
58. Administration – wages expense (regular) attributable to Administration. YTD is at 86%.
59. **TOTAL WAGES**
60. Payroll Taxes – employer payroll taxes paid by the District. YTD is trending at 80%.
61. Workers Compensation – the District is billed quarterly for workers compensation insurance which can occasionally cause this line item to trend over/under expected budget. YTD is currently at 50% due to timing of workers compensation billing.
62. Unemployment – state unemployment insurance is paid quarterly which can cause this line to occasionally trend over/under expected budget. YTD is at 79%.
63. CalPERS – includes retirement costs for employee pension plans through the California Public Employee Retirement System. Contributions are made monthly and an annual payment is made at the beginning of each fiscal year for the plan's unfunded accrued liability. YTD is at 91%.
64. OPEB Contributions – includes retirement costs for other post-employment benefits that provides medical, dental and vision coverage. There will be no OPEB contributions for the current fiscal year as the Public Agency Retirement Services (PARS) trust is fully funded.
65. EE & Retiree Health Insurance – includes the cost of health, dental, vision, life, and disability insurance for current employees as well as health insurance for retired employees. YTD is at 77%.
66. **TOTAL PERSONNEL EXPENSES**
67. **TOTAL EXPENSES**
68. **NET INCOME / (LOSS) BEFORE DEBT SERVICE & CAPITAL EXPENSES** – Financially, the District has performed as expected through May 2022.
69. Less: Total Debt Service – includes interest payments on outstanding District debt as well as related administrative expenses. Interest payments on outstanding debt are made twice per year (December/June).
70. Less: CalPERS (Bond Debt Savings) - Bond refunding savings of $1.942 M was repurposed to pay down the unfunded accrued liability. YTD is at 100%.
71. Less: Capital Expenses (Current-Year) – includes expenses related to current-year district projects and capital assets, excluding projects funded by bond proceeds (debt). YTD is at 56%.
72. **CASH INCREASE / (DECREASE)**

# Water Purchases for CY 2022
# (Acre-feet)

| | POTABLE SYSTEM | | | | | | |
|---|---|---|---|---|---|---|---|
| | WBS | LHH | PM-9 | PM-22 | JWL PM-15 | JWL Miramar | TOTAL |
| JAN | 173.8 | 0.0 | 0.0 | 228.3 | 133.5 | 140.3 | 675.9 |
| FEB | 56.8 | 0.0 | 0.0 | 222.6 | 391.9 | 20.4 | 691.7 |
| MAR | 0.0 | 0.0 | 0.0 | 236.0 | 347.6 | 170.5 | 754.1 |
| APR | 0.0 | 0.0 | 0.0 | 216.7 | 296.7 | 212.4 | 725.8 |
| MAY | 0.0 | 0.0 | 0.0 | 242.4 | 559.0 | 6.8 | 808.2 |
| JUN | | | | | | | 0.0 |
| JUL | | | | | | | 0.0 |
| AUG | | | | | | | 0.0 |
| SEP | | | | | | | 0.0 |
| OCT | | | | | | | 0.0 |
| NOV | | | | | | | 0.0 |
| DEC | | | | | | | 0.0 |
| **TOTAL** | **230.6** | **0.0** | **0.0** | **1,146.0** | **1,728.7** | **550.4** | **3,655.7** |

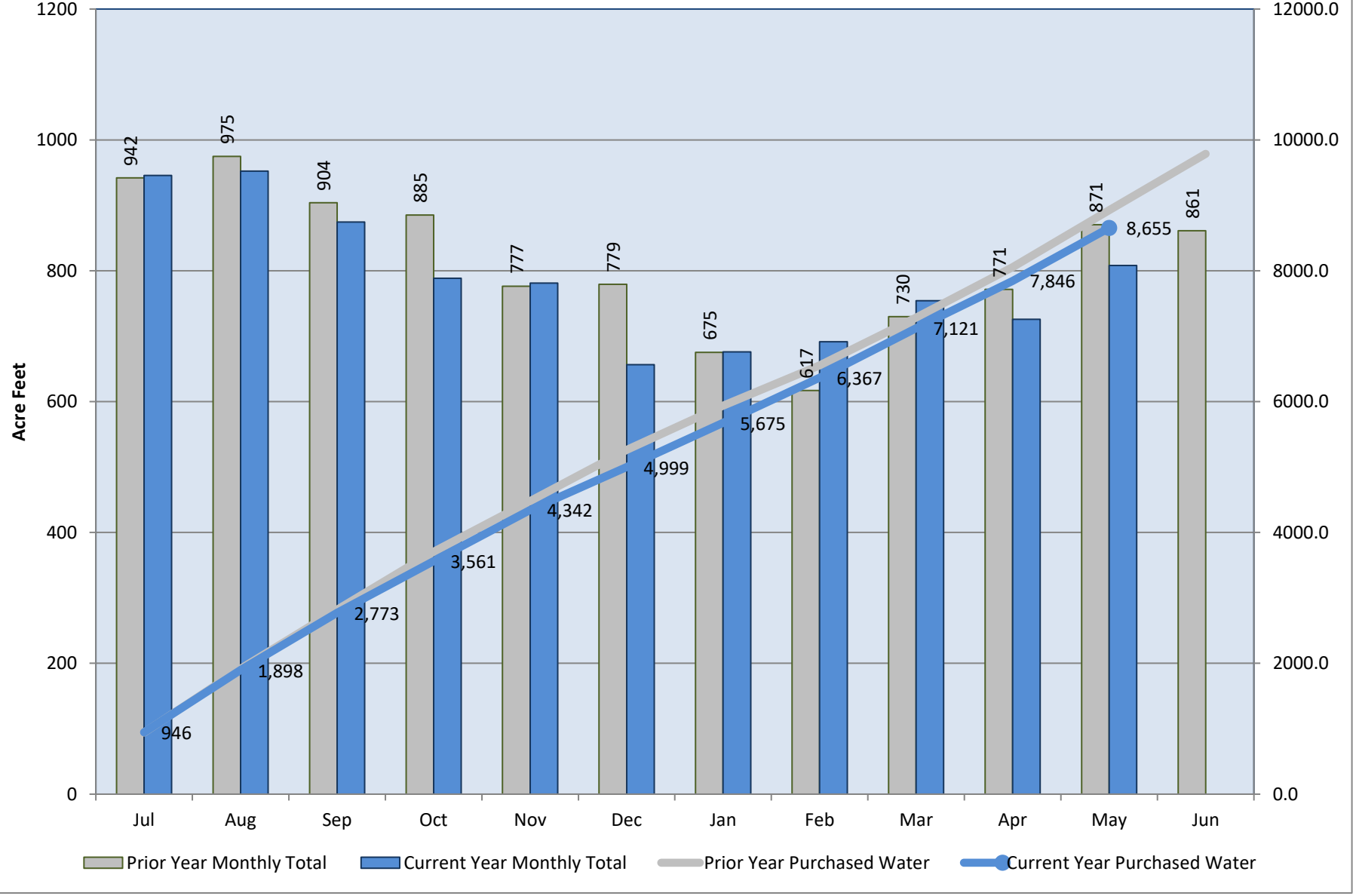
| | RECYCLED SYSTEM | | | | | |
|---|---|---|---|---|---|---|
| | Well 1 | Wet Well | WVWD | Industry | Potable Make-up | TOTAL |
| JAN | 15.9 | 6.6 | 1.0 | 9.2 | 0.0 | 32.7 |
| FEB | 12.7 | 8.5 | 1.0 | 2.2 | 0.0 | 24.4 |
| MAR | 27.6 | 4.0 | 1.0 | 64.2 | 0.0 | 96.8 |
| APR | 12.1 | 12.9 | 1.0 | 78.0 | 0.0 | 104.0 |
| MAY | 0.0 | 33.5 | 2.0 | 90.3 | 0.0 | 125.8 |
| JUN | | | | | | 0.0 |
| JUL | | | | | | 0.0 |
| AUG | | | | | | 0.0 |
| SEP | | | | | | 0.0 |
| OCT | | | | | | 0.0 |
| NOV | | | | | | 0.0 |
| DEC | | | | | | 0.0 |
| **TOTAL** | **68.3** | **65.5** | **6.0** | **243.9** | **0.0** | **383.7** |



# Potable Water Purchases For FY 2021-2022

**(Acre-feet)**



# June 2022-DIRECTOR REIMBURSEMENTS

| Director | Date of Meeting/Event | Meeting/Event Attended | Reimbursement | No Charge | Additional Comments *(Submit expense report if claiming mileage and/or meal reimbursement)* |
|---|---|---|---|---|---|
| **Anthony J. Lima** | | | | | |
| | 6/1/2022 | Three Valleys MWD Board Meeting | $185.00 | | Mileage |
| | 6/2/2022 | PBWA Meeting at RWD | $185.00 | | |
| | 6/9/2022 | P-W-R Joint Water Line Meeting | $185.00 | | |
| | 6/14/2022 | RWD Board Meeting | $185.00 | | |
| | 6/15/2022 | Three Valleys MWD Board Meeting | $185.00 | | Mileage |
| | 6/23/2022 | Three Valleys MWD Leadership Breakfast | | X | Mileage |
| | | **TOTAL PAYMENT** | **$925.00** | | |
| **John Bellah** | | | | | |
| | 6/9/2022 | P-W-R Joint Water Line Meeting | $185.00 | | |
| | 6/13/2022 | GAC | $185.00 | | |
| | 6/14/2022 | RWD Board Meeting | $185.00 | | |
| | | **TOTAL PAYMENT** | **$555.00** | | |
| **Robert W. Lewis** | | | | | |
| | 6/2/2022 | PBWA Meeting at RWD | $185.00 | | |
| | 6/14/2022 | RWD Board Meeting | $185.00 | | |
| | 6/23/2022 | Three Valleys MWD Leadership Breakfast | | X | Mileage |
| | | **TOTAL PAYMENT** | **$370.00** | | |
| **Szu Pei Lu-Yang** | | | | | |
| | 6/1/2022 | Three Valleys MWD Board Meeting | $185.00 | | |
| | 6/14/2022 | RWD Board Meeting | $185.00 | | |
| | 6/15/2022 | Three Valleys MWD Board Meeting | $185.00 | | |
| | 6/23/2022 | Three Valleys MWD Leadership Breakfast | | X | Mileage |
| | | **TOTAL PAYMENT** | **$555.00** | | |
| **Vanessa Hsu** | | | | | |
| | 6/14/2022 | RWD Board Meeting | $185.00 | | |
| | | **TOTAL PAYMENT** | **$185.00** | | |

**APPROVED FOR PAYMENT:**

Tom Coleman

**Tom Coleman**

**MEMORANDUM OF UNDERSTANDING**
**REGARDING PUBLIC WATER AGENCIES GROUP**
**MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN**

This Memorandum of Understanding ("MOU") regarding the Public Water Agencies Group Multi-Jurisdictional Hazard Mitigation Plan is made, entered into and effective as of _____, 2022 (the "Effective Date"), by and among: Bellflower-Somerset Mutual Water Company, Kinneloa Irrigation District, La Puente Valley County Water District, Pico Water District, Rowland Water District, San Gabriel County Water District, South Montebello Irrigation District, Three Valleys Municipal Water District, Valencia Heights Water Company and Walnut Valley Water District, which entities may be referred to individually herein as a "Party" or collectively as the "Parties," with respect to the following facts:

RECITALS

A. Each Party is a member of the Public Water Agencies Group ("PWAG") and a participant in the PWAG Emergency Preparedness Program.

B. The Parties have joined together in connection with the development of the PWAG Multi-Jurisdictional Hazard Mitigation Plan ("MJHMP"), which has been approved to receive $250,000 in grant funding from the Federal Emergency Management Agency ("FEMA"), with FEMA providing seventy-five percent (75%) of such funding ($187,500) and the Parties providing the remaining twenty-five percent (25%) ($62,500) as a local cost share (the "Cost Share Amount").

C. The Parties desire to set forth their respective obligations with respect to the MJHMP and the payment of the Cost Share Amount, as set forth herein.

NOW, THEREFORE, the Parties agree as follows:

1. Lead Agency. Rowland Water District ("RWD") will serve as the lead agency on behalf of the Parties for purposes of the MJHMP and communications with FEMA. RWD's General Manager is designated as the Authorized Agent for the MJHMP concerning those communications and for executing any documents pertaining to the MJHMP on the Parties' behalf. RWD will administer the FEMA grant funding and accounting functions relating to the MJHMP and will work cooperatively with PWAG's Treasurer with respect to those accounting functions. The Parties shall utilize the Bidding Procedures adopted by Pico Water District in the form attached hereto as Exhibit A and incorporated herein by this reference (provided that references to "General Manager" shall refer to RWD's General Manager and references to the "Board of Directors" shall refer to the Planning Team for the MJHMP), in connection with the consideration and award of any contracts pertaining to the MJMHP, including the contract with the consultant who will prepare the MJHMP. RWD will be reimbursed for

the expense of its employees' time spent in administering the grant provided by FEMA (the "FEMA Grant") and will provide an invoice to PWAG's Treasurer setting forth such expenses on at least a quarterly basis; provided that such expenses may be reimbursed directly by FEMA if the Parties' Grant Management Cost application is granted. If applicable, PWAG will pay that invoice within thirty (30) days of the date of the invoice and shall bill each Party their proportionate share.

2. Cost Share Amount. The Parties agree to equally divide the Cost Share Amount, with ten percent (10%) payable by each Party, which is payable over time in connection with the consultant's fees in preparing the MJHMP, or other costs related to the MJHMP, including reimbursement of RWD's staff time in administering the FEMA Grant as described in Section 1, above (provided that any monies reimbursed by FEMA for grant management expenses are not to be applied against the Cost Share Amount). Each Party shall contribute any portion of its share of the Cost Share Amount within thirty (30) days after being invoiced by PWAG's Treasurer.

3. Withdrawal of a Party. A Party may withdraw from the MJHMP only with the approval of all of the other Parties. Upon the withdrawal of a Party, the percentage of the Cost Share Amount payable under Section 2, above, will be adjusted proportionately to reflect the reduced number of Parties.

4. Term. The term of this MOU will commence on the Effective Date, and will continue until the MJHMP is completed and all monies to be paid by FEMA are received and the Cost Share Amount is paid in full.

5. Governing Law. This MOU shall be governed by and construed in accordance with the laws of the State of California.

6. Amendment. This MOU may be modified only by a written agreement signed by the Parties.

7. Severability. If any court determines that any provision of this MOU is invalid or unenforceable, any invalidity or unenforceability will affect only that provision and will not make any other provision of this MOU invalid or unenforceable and such provision will be modified, amended or limited only to the extent necessary to render it valid and enforceable.

8. Counterparts; Execution Transmitted by E-Mail or Fax. This MOU may be executed in counterparts, effective as of the Effective Date first set forth above. The parties agree that this MOU will be considered signed when the signature of a Party is delivered by e-mail or by facsimile transmission. Such e-mailed or facsimile signature shall be treated in all respects as having the same effect of an original signature.

IN WITNESS WHEREOF, the Parties have caused this MOU to be executed and delivered as of the last date set forth below.

Bellflower-Somerset Mutual Water Company

Dated:_____, 2022

By_____
Its_____

Kinneloa Irrigation District

Dated:_____, 2022

By_____
Its_____

La Puente Valley County Water District

Dated:_____, 2022

By_____
Its_____

Pico Water District

Dated:_____, 2022

By_____
Its_____

Rowland Water District

Dated:_____, 2022

By_____
Its_____

San Gabriel County Water District

Dated:_____, 2022

By_____
Its_____

South Montebello Irrigation District

Dated:_____, 2022

By_____
Its_____

Three Valleys Municipal Water District

Dated:_____, 2022

By_____
Its_____

Valencia Heights Water Company

Dated:_____, 2022

By_____
Its_____

Walnut Valley Water District

Dated:_____, 2022

By_____
Its_____

## EXHIBIT A

## PICO WATER DISTRICT
## BIDDING PROCEDURES

A County Water District, such as this District, is not required by law to use or follow a formal competitive bidding process in letting contracts either for the construction of any works or for the acquisition of materials or equipment for use by the District or for incorporation into any work, job or construction project for the District. However, the Board believes that there are situations when it is clearly in the best interests of the District to require that a work, job or construction project, or the acquisition of material or equipment, should be let by a contract arrived at through the use of competitive bidding procedures.

The Board believes that in certain other cases it is clearly in the best interests of the District that the Manager be authorized to proceed on behalf of the District by any means he deems to be appropriate in the circumstances, including the use of informal bids or quotations, or by a purchase in the open market without advertising. Finally, it is also recognized by the Board that in between those two situations there are many times when a particular work, job or construction project, or the acquisition of certain materials or equipment, is such that the District's interests may or may not be best served by requiring competitive bids, the determination depending upon an evaluation of the special circumstances involved in each such case.

In view of the benefits to be obtained by utilizing one procedure rather than another in contracting for work to be performed for the District or in acquiring materials or equipment for the District, the Board has adopted this statement of policy concerning the letting of contracts for such work or the acquisition of materials or equipment, which policy will best ensure that formal competitive bids are secured where it is in the best interests of the District to do so, and that informal bids or quotations, or a purchase on the open market without advertising, will be utilized when that approach will best serve the interests of the District. To that end the Board has adopted this policy setting forth the criteria and guidelines by which the District will select the procedure which is best for the District in a given case, and to provide how the District shall proceed in those cases where formal competitive bids are to be required.

**A. Work or Acquisitions Costing Less Than $10,000:** All contracts for work or acquisitions of equipment or materials estimated to have a value when completed of less than Ten Thousand Dollars ($10,000) may be authorized by the General Manager without compliance with formal or informal bid procedures, soliciting proposals or prior Board

approval. The General Manager may give local contractors and vendors a preference.

**B. Work or Acquisitions Costing More Than $10,000, But Not More Than $30,000:** All contracts for work or acquisition of materials or equipment estimated to have a value when completed in excess of Ten Thousand Dollars ($10,000), but not more than Thirty Thousand Dollars ($30,000), shall be let to the lowest responsible bidder after the General Manager has solicited bids or proposals from at least three (3) bidders. Such bids or proposals may be solicited and submitted to the General Manager orally or may be solicited and submitted informally by written proposal submitted to the General Manager. Contract documents relating to the successful bid or proposal shall be prepared utilizing the District's standard forms, with such modification as may be appropriate under the circumstances, as determined by the General Manager after consultation with the District's Legal Counsel.

**C. Work or Acquisitions Costing More Than $30,000:** Generally, contracts for work or acquisition of materials or equipment estimated to have a value in excess of Thirty Thousand Dollars ($30,000) shall be let to the lowest responsible bidder after the District has solicited formal written and sealed bids or proposals from at least three (3) bidders, unless the Board determines that it is in the best interests of the District to do otherwise. The Board shall determine whether the contract shall be let or acquisition made as a single unit or whether it shall be divided into severable parts. Contract documents shall be prepared utilizing the District's standard forms, with such modification as may be appropriate under the circumstances as determined by the General Manager after consultation with the District's Legal Counsel.

In addition to the foregoing procurement requirements, to increase the efficiency of the administration of construction projects undertaken by the District, the General Manager, in the exercise of his or her discretion, is authorized to add to the contract price for any construction project approved by the Board of Directors a contingency cost amount the General Manager determines to be appropriate for the specific work to be performed; provided that such amount shall not exceed fifteen percent (15%) of the contract price approved by the Board. Upon completion of any project involving such a contingency cost amount, the General Manager shall report to the Board regarding whether the contingency cost amount was utilized for the project and, if so, the extent to which the contingency cost amount was utilized.

**RESOLUTION NO. 7-2022**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF ROWLAND WATER DISTRICT AUTHORIZING ACCEPTANCE OF GRANT FUNDING FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY IN THE AMOUNT OF $187,500 WITH THE REQUIRED LOCAL MATCH OF $62,500; AND AUTHORIZING THE GENERAL MANAGER, OR DESIGNEE, TO EXECUTE ANY NECESSARY DOCUMENTS TO MEET THE GRANT REQUIREMENTS**

**THE BOARD OF DIRECTORS OF ROWLAND WATER DISTRICT DOES HEREBY RESOLVE, DECLARE, DETERMINE, AND ORDER AS FOLLOWS:**

**Section 1. Recitals.**

A. Rowland Water District ("Rowland"), acting as lead agency on behalf of itself and nine other public water systems who are all members of the Public Water Agencies Group, a California non-profit mutual benefit corporation ("PWAG" or the "Group"), applied to the Federal Emergency Management Agency ("FEMA") for Hazard Mitigation Grant Funds under HMGP DR-4407-730-156P to prepare a Multi-Jurisdictional Local Hazard Mitigation Plan (the "Plan").

B. The Plan consists of a multi-jurisdiction hazard assessment and consequently development of a multi-jurisdiction local hazard mitigation plan that meets FEMA guidelines for approval. Each of the 10 agencies' risks and vulnerabilities will be evaluated, with the results of those evaluations used to develop individual and actionable mitigation action plans that will provide a coordinated approach among the participating agencies towards creating more resilient infrastructure throughout the region.

C. FEMA awarded Rowland grant funds in the amount of $187,500, with required local matching in the amount of $62,500, for the development of the PWAG Plan.

D. Rowland's Board of Directors desires to accept the grant funds from FEMA to be used for development of the PWAG Plan and to direct Rowland's General Manager to execute any necessary documents to meet the grant requirements and to complete the PWAG Plan in compliance with the grant requirements.

**Section 2. Acceptance of Award.** Rowland's Board of Directors hereby accepts the award under HMGP DR-4407-730-156P from FEMA in the amount of $187,500 to be used to develop the PWAG Plan.

**Section 3.** Rowland's Board of Directors hereby authorizes Rowland to contribute local matching funds, along with such matching funds to be contributed by the other participating agencies pursuant to a cost-sharing memorandum of understanding to be entered into, to meet the required local match requirement of $62,500 for the PWAG Plan.

**Section 4.** Rowland's Board of Directors hereby authorizes the General Manager, or his designee, to execute any necessary documents to meet the grant requirements. The General Manager or his designee is also authorized to take necessary action to assist in the development of the PWAG Plan in compliance with the grant requirements.

**Section 5.** This Resolution shall take effect immediately upon its adoption by Rowland's Board of Directors and Rowland's Secretary shall certify to the passage and adoption of this Resolution and enter it into Rowland's record of resolutions.

**PASSED, APPROVED, AND ADOPTED** at the regular meeting of the Board of Directors held July 12, 2022, by the following roll call vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
**ANTHONY J. LIMA**
President

ATTEST:

_____
**TOM COLEMAN**
General Manager

I certify that the forgoing Resolution is a true and correct copy of the Resolution of the Board of Directors of the Rowland Water District adopted on July 12, 2022.

_____
**TOM COLEMAN**
General Manager/Board Secretary

**RESOLUTION NO. 7.1-2022**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF ROWLAND WATER DISTRICT OPPOSING CALIFORNIA CONSTITUTIONAL AMENDMENT INITIATIVE 21-0042A1 ENTITLED "LIMITS ABILITY OF VOTERS AND STATE AND LOCAL GOVERNMENTS TO RAISE REVENUES FOR GOVERNMENT SERVICES."**

**THE BOARD OF DIRECTORS OF ROWLAND WATER DISTRICT DOES HEREBY RESOLVE, DECLARE, DETERMINE, AND ORDER AS FOLLOWS:**

**WHEREAS**, the California Business Roundtable has filed Initiative 21-0042A1, which has the official title "LIMITS ABILITY OF VOTERS AND STATE AND LOCAL GOVERNMENTS TO RAISE REVENUES FOR GOVERNMENT SERVICES. INITIATIVE CONSTITUTIONAL AMENDMENT" ("Measure"); and

**WHEREAS**, the Measure includes provisions that would make it more difficult for local voters to pass measures needed to fund local services and infrastructure, and would limit voter input by prohibiting local advisory measures where voters provide direction on how they want their local tax dollars spent; and

**WHEREAS**, the Measure exposes taxpayers to a new wave of costly litigation, limits the discretion and flexibility of locally elected boards to respond to the needs of their communities, and injects uncertainty into the financing and sustainability of critical infrastructure; and

**WHEREAS**, the Measure severely restricts state and local officials' ability to protect our environment, public health and safety, and our neighborhoods against corporations and others who violate the law; and

**WHEREAS**, the Measure creates new constitutional loopholes that would allow corporations to pay less than their fair share for the impacts they impose on our communities, including local infrastructure, our environment, water quality, air quality, and natural resources; and

**WHEREAS**, the Measure threatens billions of dollars currently dedicated to state and local services, and could force cuts to District services as well as public schools, fire and

emergency response, law enforcement, public health, parks, libraries, affordable housing, services to address homelessness, mental health services, and more; and

**WHEREAS**, the Measure would also reduce funding for critical infrastructure like streets and roads, public transportation, ports, drinking water, sanitation, utilities, and more.

**THEREFORE, BE IT RESOLVED** that Rowland Water District opposes Initiative 21-0042A1;

**BE IT FURTHER RESOLVED**, that the Rowland Water District will join the No on Initiative 21-0042A1 coalition, a growing coalition of public safety, labor, local government, infrastructure advocates, and other organizations throughout the state.

**PASSED, APPROVED, AND ADOPTED** at the regular meeting of the Board of Directors held July 12, 2022, by the following roll call vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
**ANTHONY J. LIMA**
President

ATTEST:

_____
**TOM COLEMAN**
General Manager

I certify that the forgoing Resolution is a true and correct copy of the Resolution of the Board of Directors of the Rowland Water District adopted on July 12, 2022.

_____
**TOM COLEMAN**
General Manager/Board Secretary

IRS

# IRS increases mileage rate for remainder of 2022

IR-2022-124, June 9, 2022

WASHINGTON — The Internal Revenue Service today announced an increase in the optional standard mileage rate for the final 6 months of 2022. Taxpayers may use the optional standard mileage rates to calculate the deductible costs of operating an automobile for business and certain other purposes.

For the final 6 months of 2022, the standard mileage rate for business travel will be 62.5 cents per mile, up 4 cents from the rate effective at the start of the year. The new rate for deductible medical or moving expenses (available for active-duty members of the military) will be 22 cents for the remainder of 2022, up 4 cents from the rate effective at the start of 2022. These new rates become effective July 1, 2022. The IRS provided legal guidance on the new rates in Announcement 2022-13 PDF, issued today.

In recognition of recent gasoline price increases, the IRS made this special adjustment for the final months of 2022. The IRS normally updates the mileage rates once a year in the fall for the next calendar year. For travel from January 1 through June 30, 2022, taxpayers should use the rates set forth in Notice 2022-03 PDF.

"The IRS is adjusting the standard mileage rates to better reflect the recent increase in fuel prices," said IRS Commissioner Chuck Rettig. "We are aware a number of unusual factors have come into play involving fuel costs, and we are taking this special step to help taxpayers, businesses and others who use this rate."

While fuel costs are a significant factor in the mileage figure, other items enter into the calculation of mileage rates, such as depreciation and insurance and other fixed and variable costs.

The optional business standard mileage rate is used to compute the deductible costs of operating an automobile for business use in lieu of tracking actual costs. This rate is also used as a benchmark by the federal government and many businesses to reimburse their employees for mileage.

Taxpayers always have the option of calculating the actual costs of using their vehicle rather than using the standard mileage rates.

The 14 cents per mile rate for charitable organizations remains unchanged as it is set by statute.

Midyear increases in the optional mileage rates are rare, the last time the IRS made such an increase was in 2011.

## Mileage Rate Changes

| Purpose | Rates 1/1 through 6/30/2022 | Rates 7/1 through 12/31/2022 |
|---|---|---|
| Business | 58.5 | 62.5 |
| Medical/Moving | 18 | 22 |
| Charitable | 14 | 14 |

*Page Last Reviewed or Updated: 13-Jun-2022*


# CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

Midnight - July 4, 2022

CURRENT CONDITIONS

LEGEND

Capacity (TAF)

Hist Avg

Historical Average

% of Capacity | % of Hist Avg

4552 4000 3000 2000 1000 0

39% | 51%

Shasta

3538 3000 2000 1000 0

48% | 64%

Oroville

1000 600 300 0

87% | 103%

New Bullards Bar

977 600 300 0

79% | 105%

Folsom

2447.7 2000 1000 0

29% | 38%

Trinity

417 300 150 0

53% | 72%

Camanche

2420 2000 1000 0

32% | 52%

New Melones

2030 2000 1000 0

64% | 78%

Don Pedro

381 300 150 0

34% | 58%

Sonoma

2041 2000 1000 0

38% | 71%

San Luis

1025 0

38% | 55%

McClure

193.3 100 50 0

42% | 57%

Cachuma

2545 100 50 0

31% | 41%

Casitas

328 200 100 0

34% | 39%

Castaic

800 500 200 0

Data From: Jun 26

67% | 89%

Diamond Valley

520 200 100 0

65% | 80%

Millerton

1000 500 0

45% | 69%

Pine Flat

Updated 07/05/2022 01:18 PM

WHAT'S YOUR Water Footprint?

TAKING STEPS TO SAVE

# Rowland Water District – Board Report

July 12, 2022

## Customer Communications

- Consumer Confidence Report – Posted
- Drought/Water Supply Restrictions Messaging
- District Fact Sheet
- Understanding Your Bill

## District Outreach

- Drought Series – Phase Two
  - Framework developed, under staff review
- Revised Board Member Profiles
- Revised Board Message Cards – Sites Reservoir and Delta Conveyance Project
- AMI Completion

## Website Enhancements

- Updated videos and sliders

## Press Releases/Earned Media

- Shoes That Fit 2.0
- Water Quality Report
- Level Two Water Shortage
- Taxpayer Protection and Government Accountability Act

## Industry Press & Relations

- WaterWorld Magazine – Reuse to Reduce Demand by Dusty Moisio


Complete Article on Following Pages

- Uzbekistan Delegation in ACWA News

ACWA

ACWA ENEWS FOR JUNE 8, 2022

JUN 2, 2022 | MEMBER SUBMITTED NEWS

**VISITING INTERNATIONAL DELEGATION EXPLORES WATER OPERATIONS**

by Rowland Water District

ROWLAND HEIGHTS – A recent visit by officials from Uzbekistan's national water company to Rowland Water District revealed more similarities […]

READ MORE

# REUSE to REDUCE DEMAND

## A developer-funded partnership offsets new demand with recycled water

BY DUSTY MOISIO

Keeping up with drinking water demand in an era grappling with the impacts of climate change along with rapidly growing communities is a challenge for water agencies across the country. Solutions are vital, as water managers face questions about how to ensure sustainability of our water supply for generations to come.

California's Rowland Water District is tackling these issues head on by seeking innovative partnerships that ensure a secure water future for the region — while also saving money for its customers. With a service area of 17.2 square miles in southeastern Los Angeles County, the district delivers drinking water to 58,000 customers; including 13,825 commercial, light industrial, and residential service connections.

When a new retail-hotel center began development in the area, the district entered a unique public-private partnership with the developer to meet new water needs.

The third year of historic drought in 2022 caused supply shortages to farms and cities, prompting calls for increased conservation — so finding a way to balance the added water needs of new developments was key to allowing projects to forge ahead.

### BALANCING SUSTAINABILITY AND DEMAND

Upon first review of the development proposal in 2015, it was clear that water scarcity and drought conditions would impact the district's ability to supply the 90 acre-feet of potable water that would be required each year by the new development. Keeping its customers and long-term water sustainability in mind, Rowland Water knew that outside-the-box thinking would be needed for the project to move forward.

Working together, Rowland Water and the developer came up with an answer to offset the added water demand of the 120,530-square-foot shopping center and hotels, while benefiting current water customers.

Collaboration and careful planning were crucial to meet the water demand of a new development for the Rowland Water District. *Photos courtesy Rowland Water District.*

The Future 3 Project, which introduced a 1.5-mile extension to the district's purple pipe system, was fully funded by developers.

Using recycled water for irrigation and industrial purposes is a critical component of managing long-term water supplies. The practice diversifies water resources and reduces dependence on imported water, freeing up valuable drinking water for use by customers.

The district knew that by using the development to help expand its recycled water system, it could counterbalance the drinking water needs of the new shopping center and hotel development while supporting a lasting water supply for the region.

Under a $2 million agreement, funded entirely by the developer, the partnership built the Future 3 Project: a recycled water pipeline that connects to businesses at an existing retail development through a 1.5-mile extension of the district's purple pipe system. The move offset more than 100 acre-feet of drinking water demand, saving existing businesses money by no longer forcing them to rely on valuable drinking water for irrigation.

## COLLABORATION IS KEY

The developer financed a recycled water phase already identified in the Rowland Water District recycled water master plan, making the solution easier to put into action. The agreement included funding for the project's pipeline design, onsite design, permitting, and construction. The project also included collaboration from the Los Angeles County Sanitation Districts, Metropolitan Water District of Southern California, County of Los Angeles, AKM Consulting Engineers, John Robinson Consulting Inc., and the City of Industry.

Project design began in 2020, followed by construction of the 8-inch recycled water mainlines serving 23 businesses. Connections to the new services were made to existing customer irrigation systems, followed by cross-connection testing with the health department — all at no cost to the customers.

The district's staff was instrumental throughout the process and critical to the project's success. Seeing the project through from start to finish included planning, customer engagement, design, and project management.

In addition to their top-notch team, a successful outcome required more than a unique partnership and dedicated staff. Gaining customer backing was key, and Rowland Water earned support and built public trust by listening to and collecting feedback from the community. Education and outreach were crucial to the process and included face-to-face meetings, informational mailers, and explanations of the benefits and expectations.

The project experience wasn't easy, but it was worthwhile. Working as a team, all departments came together to use their knowledge and experience in retrofitting existing systems to recycled water.

## ATTENTION TO DETAIL

During extensive project planning period, staff had to determine how and where to expand the system to reach the 100 acre-feet goal, evaluate feasibility, and draft designs. Additionally, the team conducted pre-construction surveys to identify backflow assembly information, the degree of retrofit difficulties, and the point of connection, size, and location of meters.

Project design was responsible for confirming specifications, requirements, and accuracy for 12 new system valves, 23 recycled water services, five air vacs, four blow off assemblies, and relocation of an existing potable water main through an easement.

In addition, the onsite retrofit required the installation of backflow prevention assemblies and the removal of irrigation backflow devices and services.

From project start to closeout, project management was crucial and required careful attention to detail throughout the permitting and pre-approval process, bid solicitation, and construction stages.

The Future 3 Project for the new retail-hotel center was completed in October 2021 at zero capital cost to the agency or its ratepayers. Thanks to collaboration and careful planning, Future 3 is meeting the water demand of the new development in Rowland Heights while also saving newly-converted recycled water customers $60,000 annually.

The Future 3 project is a testament to the success of using innovation and collaboration to expand resources, diversify water supplies, and ensure a sustainable water future. The experience confirms the value of exploring creative solutions to water supply challenges. **WW**

About the Author: Dusty Moisio is assistant general manager at Rowland Water District and holds certifications from the American Water Works Association (AWWA) as a Cross-Connection Control Specialist.

# Community Outreach Update | July 12, 2022 Board Meeting

**SOCIAL MEDIA:** #DiscoverRWD #RowlandConnections #RWDeducation #WaterFacts

The District regularly posts updates on District information, conservation, education, and water-related tips utilizing the national hashtag holiday calendar. These posts are shared on Twitter, Instagram, Facebook, and YouTube when necessary. See below for our social media engagement:

***Twitter (June 7, 2022-July 5, 2022)***

| Measurement | Total |
|---|---|
| Followers | 708 |
| Tweets | 14 |
| Tweet Impressions | 3,691 |
| Profile Visits | 238 |
| Mentions | 1 |

***Twitter Top Performing Post:***

**Rowland Water District** @RowlandWater
Today is **#NationalHydrationDay!**

Did you know that **#RWD** has a Filling Station Program & each year 2 schools are chosen?

So far, **@Blandford_Bears @AISMatadors @RorimerRoyals @RascalPride @NorthamPride @JellickJaguar** have participated!

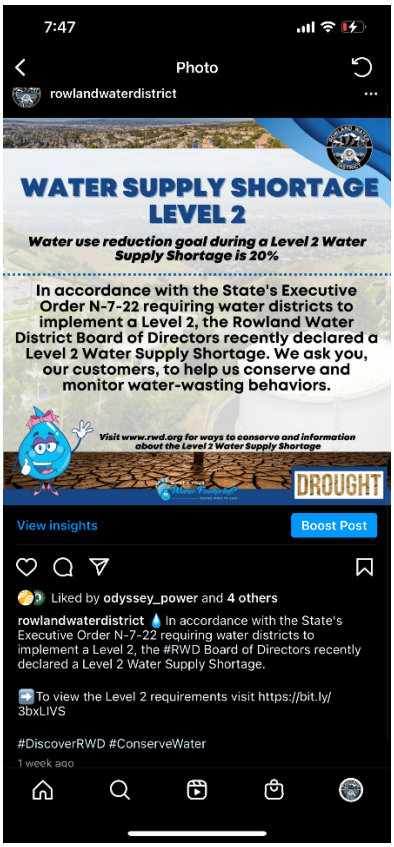
**#DiscoverRWD #DrinkTap**
pic.twitter.com/wPeCyuoGpF

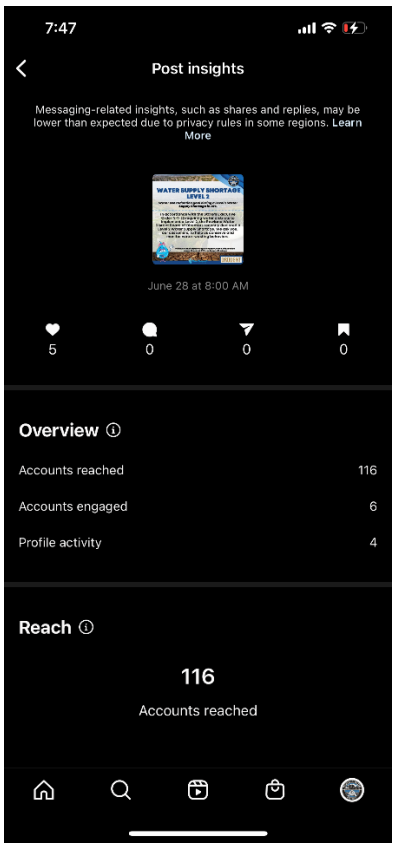
| | |
|---|---|
| Impressions | 495 |
| Total engagements | 37 |
| Detail expands | 14 |
| Likes | 12 |
| Retweets | 4 |
| Profile clicks | 4 |
| Media engagements | 2 |
| Replies | 1 |

***Instagram (June 7, 2022-July 5, 2022)***

| Measurement | Total |
|---|---|
| Total Posts | 15 |
| Total Followers | 1,081 |
| Post Engagement | 14 |
| Impressions (Total number of times post have been seen) | 1,129 |
| Profile Impressions | 2,185 |

**Instagram Top Performing Post:**



***WEBSITE (June 7, 2022-July 5, 2022)***

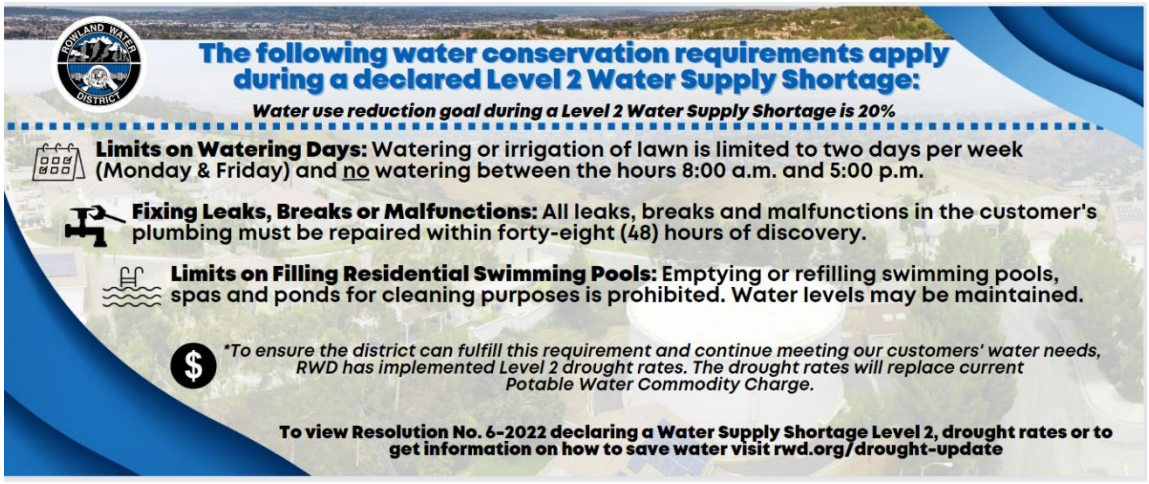
| Measurement | Total |
|---|---|
| Users | 4,384 |
| New Users | 3,472 |
| Returning Visitor | 1,495 |
| Pageviews | 14,601 |

***CONSTANT CONTACT-(electronic information sent to customer emails)***

***Total Active Contacts***-11,233

***EDUCATION OUTREACH:***

- Water Supply Shortage Level 2 bill insert (see below) was created and sent to all customers within billing cycle ending July 13, 2022. Informative flyers are also available to customers at the customer service counter/lobby area.




- Water Supply Shortage Level 2 notices, as shown below, have been posted on social media outlets and a slider is live on the District website which leads to the Drought Update page.


- On June 25, 2022, District staff and Board members attended the Rowland Heights Community Coordinating Council Sixth Annual Barbecue Party where they hosted a booth and distributed promotional items to those in attendance.


*RHCCC Sixth Annual Barbecue Party – June 25, 2022*

- Shoes The Fit® - Staff will assist with the distribution of shoes at the RUSD *Fresh Start* event on August 4, 2022.

- Ms. Gildea is updating water education curriculum for the 2022-2023 school year. She is waiting to hear from Rowland Unified School District regarding the off-site programs and visitation allowed at the school sites.

- Staff continues attending monthly Conservation and Education Team (CET) meetings.

- Staff continues attending Metropolitan Water District (MWD) education and Water Use Efficiency (WUE) meetings.

California Special
Districts Association
*Districts Stronger Together*

# 2022 CSDA Annual Conference & Exhibitor Showcase

## *The Leadership Conference for Special Districts*

August 22–25, 2022
Palm Desert, California

# Attendee Registration Form

*INCLUDE FORM WITH PAYMENT.*

## Hotel Reservations

***JW Marriott Desert Springs Resort & Spa***

Room reservations for the CSDA Annual Conference and Exhibitor Showcase begin at $139 plus tax plus discounted $15 resort fee. The room reservation cut-off is July 22, 2022; however, space is limited and may sell out before this date.

Information regarding hotel reservations and link to book in the CSDA room block will be emailed to the registered attendee within 24 hours of registration.

## Registration Fees Include:

- President's Reception with the Exhibitors
- Keynote Sessions
- Continental Breakfast with the Exhibitors
- Lunch with the Exhibitors
- Mix and FlaMingle in the Exhibit Hall
- SDRMA Full Plated Breakfast
- Legislative Update Luncheon
- All Breakout Sessions
- "Taste of the City" Reception
- Closing Breakfast

| | | |
|---|---|---|
| Name: | Title: | |
| District: | | |
| Address: | | |
| City: | State: | Zip: |
| Phone: | Fax: | |
| Email: | Website: | |
| Special Needs (include dietary): | | |
| Emergency Contact: | | |

| Conference Registration Fees | Early Bird (on /before July 22, 2022) | Regular (after July 22, 2022) | SUBTOTAL |
|---|---|---|---|
| ☐ CSDA Member - Full Conference | $ 650.00 | $ 725.00 | |
| ☐ Non-member - Full Conference | $ 975.00 | $ 1,085.00 | |
| ☐ Guest of a Member - Full Conference (Cannot be from a district/company) ☐ Vegetarian | $ 350.00 | $ 425.00 | |
| ☐ Guest of a Non-member - Full Conference (Cannot be from a district/company) ☐ Vegetarian | $ 525.00 | $ 635.00 | |
| ☐ CSDA Member - One-day registration ☐ Tuesday ☐ Wednesday ☐ Thursday | $ 375.00 each day | $ 400.00 each day | |
| ☐ Non-member - One-day registration ☐ Tuesday ☐ Wednesday ☐ Thursday | $ 560.00 each day | $ 600.00 each day | |

| Separate Registration Fees | Member | Non-member | SUBTOTAL |
|---|---|---|---|
| ☐ Pre-Conference Workshop: SDLA Module 1: Governance Foundations - Aug. 22 | $ 225.00 | $ 340.00 | |
| ☐ Pre-Conference Workshop: So, You Want to Be a General Manager - Aug. 22 | $ 100.00 | | |
| ☐ Pre-Conference Workshop: Special District Finance Professionals Forum - Aug. 22 | $ 50.00 | $ 100.00 | |
| ☐ Pre-Conference Tour: SCE Green Energy Tour (includes lunch) - Aug. 22 | $ 10.00 | | |
| ☐ SDLF Scramble for Scholarships Golf Tournament (includes lunch) - Aug. 22 | $ 120.00 | | |
| ☐ SDLF "Taste of the City" Casino Night Reception (Guests only) - Aug. 24 | $ 80.00 CSDA Member Guest | $ 120.00 Non-member Guest | |
| | | TOTAL | |

| Payment Information | | |
|---|---|---|
| Payment type: ☐ Check ☐ Visa ☐ MasterCard ☐ AMEX ☐ Discover | | |
| Account name: | | Account Number: |
| Expiration date: | CVC: | Authorized Signature: |

3 Ways to register: 1. ONLINE by visiting conference.csda.net. 2. FAX 916-520-2465. 3. MAIL to CSDA, 1112 I Street, Suite 200, Sacramento, CA 95814. Check should be made payable to: California Special Districts Association.

**Cancellations/Substitution Policy:** Cancellations must be in writing and received by CSDA no later than Thursday, July 22, 2022. All cancellations received by this date will be refunded less a $75 processing fee. There will be no refunds for cancellations made after July 22, 2022. Substitutions are acceptable and must be done in writing no later than August 12, 2022 at 5:00 p.m. Please submit any cancellation notice or substitution request to meganh@csda.net or fax to 916-520-2465.

**Consent to Use Photographic Images:** Registration and attendance at, or participation in, CSDA meeting and other activities constitutes an agreement by the registrant to CSDA's use and distribution (both now and in the future) of the registrant or attendee's image or voice in photographs, videotapes, electronic reproductions, and audiotapes of such events and activities.

**Anti-Discrimination and Harassment Policy:** CSDA is dedicated to a harassment-free event experience for everyone. Our Anti-Discrimination and Harassment Policy can be found under "CSDA Transparency" at www.csda.net/about-csda/who-we-are.

1830 South Nogales Street
Rowland Heights
CA 91748

(626) 965-2541
FAX (626) 854-8302

www.rowlandschools.org



May 18, 2022

Rowland Water District
3021 S. Fullerton Road
Rowland Heights, CA 91748

To Whom It May Concern,

On behalf of the Board of Education of the Rowland Unified School District, please accept our heartfelt appreciation for your generous donation in the amount of $1,500.00 for Northam & Jellick Elementary schools. Your donation was received on 2/15/2022 and was recognized at our Board Meeting on 3/15/2022. It is with donations such as yours, and the support you have given our students and staff, that we can provide experiences for our young people and enrich our programs.

Working together, we can educate our young people to become productive, giving, and active citizens. I can assure you that your donation has been well utilized and we are grateful for your generosity.

For your information, a gift or contribution to our school district is an allowed charitable contribution and tax deduction pursuant to Internal Revenue Code Sections 170(a) and 170(C)(2).

Again, thank you for your care, involvement, and support.

Sincerely,

Julie Mitchell

Julie Mitchell, Ed.D.
Superintendent of Schools

JM/ow

**Board Vision:** The Rowland Unified School District promotes, expects, and accepts nothing short of excellence. We have a collective commitment to be the best school district in California.

**Mission:** The mission of the Rowland Unified School District, the progressive international community united in learning, is to empower students so that each actualizes his or her unique potential and responsibly contributes to a global society, through a system distinguished by rigorous academics, innovative use of technology, creative exploration, and nurturing learning experiences.

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May 18, 2022

Rowland Water District
3021 S. Fullerton Rd.
Rowland Heights, CA 91748

To Whom It May Concern,

On behalf of the Board of Education of the Rowland Unified School District, please accept our heartfelt appreciation for your generous donation in the amount of $1,000.00 for the Family Resource Center. Your donation was received on 12/20/2021 and was recognized at our Board Meeting on 1/20/2022. It is with donations such as yours, and the support you have given our students and staff, that we can provide experiences for our young people and enrich our programs.

Working together, we can educate our young people to become productive, giving, and active citizens. I can assure you that your donation has been well utilized and we are grateful for your generosity.

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Again, thank you for your care, involvement, and support.

Sincerely,

Julie Mitchell, Ed.D.
Superintendent of Schools

JM/ow

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# LA HABRA HEIGHTS COUNTY WATER DISTRICT

**(562) 697-6769** • FAX (562) 697-5568 • www.lhhcwd.com

1271 North Hacienda Road
La Habra Heights, California 90631

Post Office Box 628
La Habra, California 90633-0628


June 15, 2022

Rowland Water District
Tom Coleman, General Manager
3021 Fullerton Rd.
Rowland Heights, CA 91748

**Re: Notification of PFOA/PFOS**

Pursuant to California Health and Safety Code section 116455, you are hereby notified that following mandatory monitoring required by the State Water Resources Control Board, Division of Drinking Water (DDW), on June 14, 2022, 2022, La Habra Heights County Water District received confirmed quarterly results above the required notification levels for perfluorooctanioic acid (PFOA) and perfluorooctaniesulfonic acid (PFOS) in the groundwater served to our customers. The Notification level for PFOA is 5.1 parts per trillion and for PFOS is 6.5 parts per trillion. The response levels are 10 parts per trillion for PFOA and 40 parts per trillion for PFOS. Notification levels are health-based advisory levels, established by the State Water Resources Control Board Division of Drinking Water, for chemicals in drinking water that lack maximum contaminant levels. The levels associated with water delivered to our customers are posted in the table below.

| Well | Status | PFOA Result | PFOS Result |
|---|---|---|---|
| 8 | Active | 9.3 ng/L | 22 ng/L |
| 10 | Active | 11 ng/L | 29 ng/L |
| 11 | Active | 12 ng/L | 34 ng/L |

PFOA and PFOS have been extensively produced and studied in the United States. These man-made substances have been synthesized for water and lipid resistance. They have been used extensively in consumer products such as carpet, clothing, fabrics for furniture, paper packaging for food, and other materials (e.g., cookware) designed to be waterproof, stain-resistant, or non-stick. In addition, they have been used in fire-retarding foam and various industrial processes. Based on the current evaluation of recent human and animal toxicity data, exposure to PFOA and PFOS in tap water over certain levels may result in adverse health effects including hepatoxicity, immunotoxicity, thyroid toxicity, reproductive toxicity, and cancer (pancreatic and liver). The origin of the contaminant in our water supply currently is unknown but the water system is working with the State Board and other agencies to determine how and why. Additional information will be provided to our customers next year in the La Habra Heights County Water District's Consumer Confidence Report.

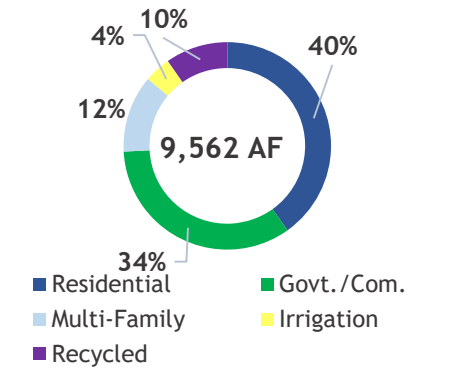
Sincerely,

Joe Matthews,
Superintendent

# ROWLAND WATER DISTRICT FINANCIAL DASHBOARD

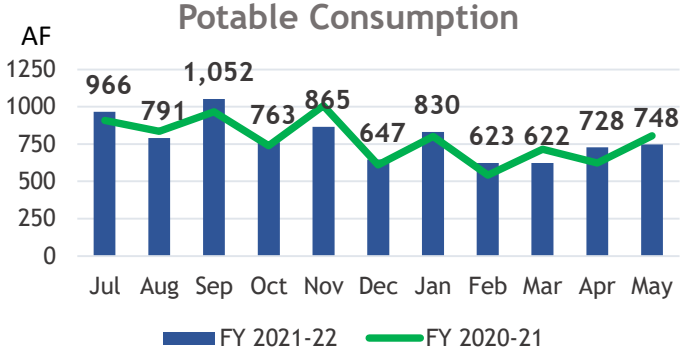
## May 31, 2022

### Consumption by Class (1)



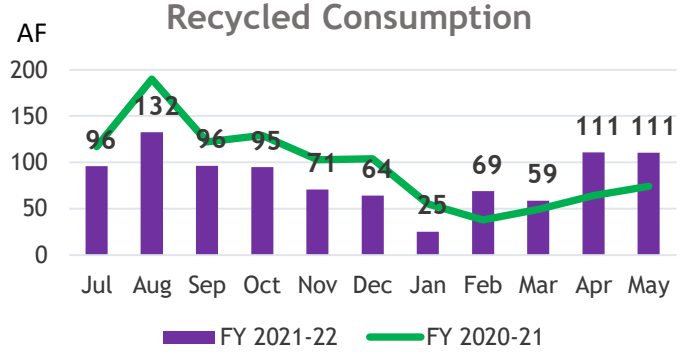

### Potable Consumption (2)

101% of Prior Year | 93% of Budget




### Recycled Consumption (3)

89% of Prior Year | 82% of Budget




### YTD Revenue (4)

| | | |
|---|---|---|
| YTD Revenue | $26,510,640 | 93% |
| Annual Budget | $28,532,400 | |

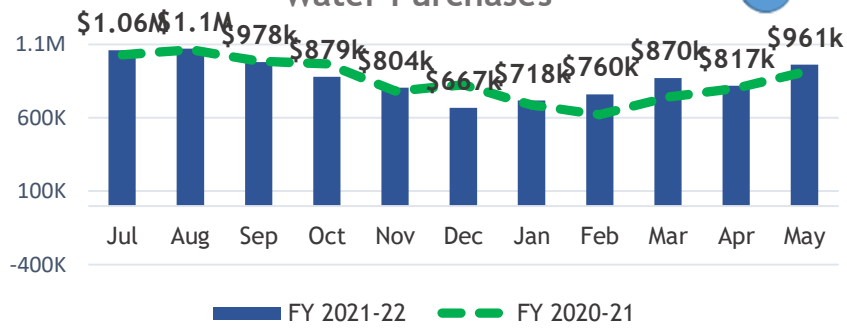
### YTD Expense (5)

| | | |
|---|---|---|
| YTD Expense | $19,253,706 | 86% |
| Annual Budget | $22,477,100 | |

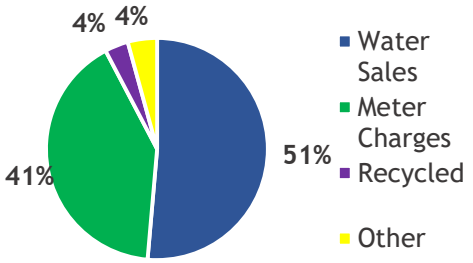
### YTD Water Purchases of $9.6 M

50% of YTD Expense

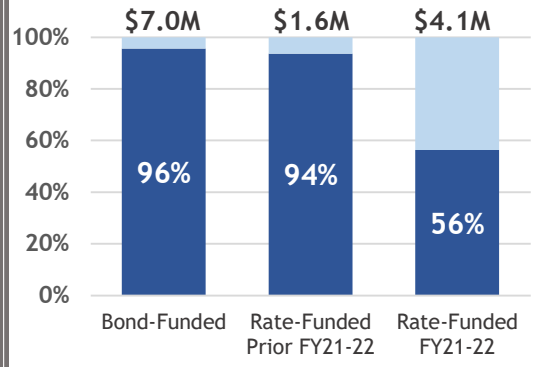
### Water Purchases (6)




### Revenues by Category (7)




### CIP Completion (8)



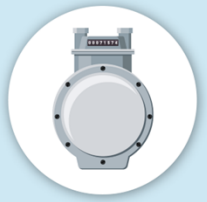
# FIELD OPERATIONS

## COMPLETED TASKS FOR June 2022

**128**
WATER SAMPLES

**68**
SITE INSPECTIONS

**430**
SERVICE ORDERS COMPLETED



**150**
METERS REPLACED

**5**
MODULES REPLACED

**317**
DIG ALERTS

**3**
SERVICE LINES REPLACED

**0**
SYSTEM VALVES REPLACED

**37**
AIR RELEASE INSPECTIONS

**9**
RECYCLED WATER INSPECTIONS