APPENDIX B: eCCR Certification Form

Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

Water System Name:	Rainbow Municipal Water District
Water System Number:	3710016

The water system named above hereby certifies that its Consumer Confidence Report was distributed on <u>6-10-2024</u> to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water (DDW).

Certified by:

Name: Stephen Coffey	Title: Water Operations Supervisor			
Signature: Stephen Coffey	Date: 6-19-2024			
Phone number: 760-936-6519 \mathcal{W}				

To summarize report delivery used and good-faith efforts taken, please complete this page by checking all items that apply and fill-in where appropriate:

- CCR was distributed by mail or other direct delivery methods (attach description of other direct delivery methods used): Website, Monthly Newsletter, Hard copies made available in front office.
- CCR was distributed using electronic delivery methods described in the Guidance for Electronic Delivery of the Consumer Confidence Report (water systems utilizing electronic delivery methods must complete the second page).
- Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:
 - Posting the CCR at the following URL
 - https://www.rainbowmwd.ca.gov/files/34d362655/RMWD+CCR+WaterRe port+Final+2023.pdf
 - Mailing the CCR to postal patrons within the service area (attach zip codes used)
 - Advertising the availability of the CCR in news media (attach copy of press release)
 - Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)

\boxtimes	Posted the CCR in public places (attach a list of locations) Front office.
	Delivery of multiple copies of CCR to single-billed addresses serving several
	persons, such as apartments, businesses, and schools
	Delivery to community organizations (attach a list of organizations)
	Publication of the CCR in the electronic city newsletter or electronic community
	newsletter or listserv (attach a copy of the article or notice)
	Electronic announcement of CCR availability via social media outlets (attach
	list of social media outlets utilized)
	Other (attach a list of other methods used)
For s	systems serving at least 100,000 persons: Posted CCR on a publicly-accessible
interi	net site at the following URL: www
For _j	privately-owned utilities: Delivered the CCR to the California Public Utilities
Con	nmission

Consumer Confidence Report Electronic Delivery Certification

Water systems utilizing electronic distribution methods for CCR delivery must complete this page by checking all items that apply and fill-in where appropriate.

\boxtimes	Water s	system mai	led a noti	fication that the	CCR is avail	able and	d provic	des a di	rect
	URL to	the CCR of	on a publi	icly available we	ebsite where i	it can be	e viewe	d (attad	ch a
	сору	of	the	mailed	CCR	notifica	ation).	U	IRL:
	www	rai	nbowmwo	d.ca.gov/ccr	Water syst	em ema	iled a r	notificati	ion
	that the	CCR is av	ailable ar	nd provides a dir	rect URL to th	e CCR o	on a pu	blicly	
	availab	le site on th	ne Interne	et where it can b	e viewed (atta	ach a	a co	ру	of
	the	emailed	CCR	notification).	URL:				
	www						_		

- Water system emailed the CCR as an electronic file email attachment.
- Water system emailed the CCR text and tables inserted or embedded into the body of an email, not as an attachment (attach a copy of the emailed CCR).
- Requires prior DDW review and approval. Water system utilized other electronic delivery method that meets the direct delivery requirement.

Provide a brief description of the water system's electronic delivery procedures and include how the water system ensures delivery to customers unable to receive electronic delivery.

This form is provided as a convenience and may be used to meet the certification requirement of section 64483(c) of the California Code of Regulations.



3707 Old Highway 395 Fallbrook CA 92028 Office Hours: 8:00 am to 4:30 pm Mon-Fri Phone: (760) 728-1178 Fax: (760) 728-2575 Website: www.rainbowmwd.ca.gov

RMS0618A 9000000593 00.0000.0297 297/1

ġ	ä	13	ť
k	영	22	ŝ
h	£.5	Ъ.	L

KELLY BURKE 3595 YUCCA WAY FALLBROOK CA 92028-9042

ACCOUNT ACTIVITY

	AMOUNT	DESCRIPTION
\$	130.15	PREVIOUS BALANCE
\$_	(130.15)	PAYMENTS RECEIVED
\$	0.00	BALANCE FORWARD
		CURRENT ACTIVITY
\$	61.29	O&M RMWD
\$	673.48	WATER CONSUMPTION
\$	31.30	O&M SDCWA
\$	14.69	PUMP USAGE
\$	8.39	PUMP FIXED
\$	4.81	BACKFLOW TEST FEE
\$	793.96	TOTAL CURRENT ACTIVITY

Billing Invoice

ACCOUNT INFORMATION

TO AVOID POSSIBLE PENALTIE	S PAY BY: 07/14/2024
BILLING DATE:	06/17/2024
SERVICE PERIOD:	05/18/2024-06/17/2024
SERVICE ADDRESS:	3595 YUCCA WAY
ACCOUNT NUMBER:	005155-000

METER & USAGE INFORMATION

METER NUMBER:		538962281
METER SIZE:		0.75
CLASS CODE:		SFR
PREVIOUS READ:	05/02/2024	2686
CURRENT READ:	06/04/2024	2799
USAGE:		113
(EACH UNIT = 748 GALLONS or	100 CUBIC FEET)	



ACCOUNT BALANCE

793.96

SPECIAL MESSAGE

Rainbow Water is committed to providing customers with a safe & reliable water supply. The EPA & State Water Resources Control Board Division of Drinking Water requires an annual Consumer Confidence Report (CCR) to inform customers of their drinking water supply. Rainbow Water's 2023 water quality data met or exceeded state & federal drinking water standards. Read the 2023 report in English & Spanish: rainbowmwd.ca.gov/ccr

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

Payment Coupon

ACCOUNT INFORMATION

ACCOUNT NAME: ACCOUNT NUMBER: SERVICE ADDRESS: SERVICE PERIOD: BILLING DATE: **DUE DATE:**

REVERSE SIDE.

KELLY BURKE 005155-000 3595 YUCCA WAY 05/18/2024-06/17/2024 06/17/2024 07/14/2024

AMOUNT DUE

TOTAL AMOUNT DUE

AMOUNT ENCLOSED

AUTOPAY - DO NOT PAY

REMIT PAYMENT TO:

793.96

կովիրերդվինիսիինիները հետրերիների

RAINBOW MUNICIPAL WATER DISTRICT PO BOX 4954 WHITTIER CA 90607-4954

SEE CHANGE OF ADDRESS AND ADDITIONAL INFORMATION ON

PAYING YOUR WATER/SEWER BILL

We offer 4 easy ways to pay your water/sewer bill:

- 1. Pay by Mail: Use the return envelope inserted with your printed bill and make checks payable to **Rainbow Municipal Water District**. Or mail your check to **3707 Old Highway 395, Fallbrook, CA 92028**.
- 2. Pay online: Customers also have the option to pay their bill online using our secure website. You can make a one-time payment or set up recurring payments using your debit, credit card or banking account information. Electronic billing is available at https://payments.rainbowmwd.com. After setting up an account you will receive a monthly email notification and link to login and pay your bill online.
- Pay in Person at the District: Payments can also be made directly at our office located at 3707 Old Highway 395, Fallbrook. The office is open Monday through Friday (except holidays) from 8:00 a.m. to 4:30 p.m. An after-hours drop box is also available at the gate.
- 4. Pay in Person at Union Bank: For your convenience, payments may also be made at Union Bank of California, 1678 South Mission Rd, Fallbrook. Just let the teller know you wish to pay your Rainbow MWD water bill.

Please note, all bills are due and payable upon receipt. To avoid 5% late charges, payments must be received by the District office (regardless of payment method) no later than the due date shown on this statement. If a past due balance remains unpaid, water service may be discontinued. A \$50 fee (\$75 after hours), plus the past due balance must be paid to reinstate service. Checks returned for Non-sufficient Funds will be charged a \$30 fee.

Contact our Customer Service Department at **760-728-1178** with questions on payment procedures or financial assistance.

FEE ILLUSTRATION

Monthly Fee =	RMWD (O&M) Fixed Charges	+	SDCWA (O&M) Fixed Charges	+	Water Consumption (\$/unit)	+	Pumping Charge (Fixed + Variable by Zone) (If applicable)	+	Sewer Charges (If applicable)	+	Backflow Testing Program (If applicable)
------------------	-----------------------------------	---	------------------------------------	---	-----------------------------------	---	--	---	-------------------------------------	---	---

Previous Balance – The amount remaining unpaid from prior billings.

O&M RMWD – Rainbow Municipal Water District (RMWD) fixed charge is based on the size of your water meter. It is calculated to collect 50% of the fixed costs of operating and maintaining the District.

O&M SDCWA – Fixed meter charge calculated to collect the fixed fees assessed by Metropolitan Water District (MWD) and San Diego County Water Authority (SDCWA). These fixed charges include Readiness-to Serve, Capacity Reservation, Infrastructure Access, Customer Service, Emergency Storage, and Supply Reliability Charge.

Water Consumption – Charge for the amount of water used during the billing cycle.

PUMP Fixed/Usage – Charge for electricity and maintenance costs to pump water to higher elevations. All seven pump zones pay a fixed charge plus a per-unit of water charge.

Class Code Definitions: SFR = Single Family Residence, AG = Agricultural, AD = Agricultural/Residence, PC/PD = Agricultural/Special Program (Commercial/with Residence), COM = Commercial

Your CLASS CODE can be found on page one of this billing invoice.

Visit our website at <u>www.rainbowmwd.com</u> to view current rates, sign up for electronic statements, or register your account for online payments.

Can we update any information for you?

Name/Business:		
Mailing Address:		
City:	State:	Zip:
Day Time Phone:	_Email:	

O Please sign me up to receive important Water District news sent directly to my email address above.



COMMUNITY NEWSLETTER JUNE 2024 . ISSUE 235

Pictured: Metropolitan Water District's Robert A. Skinner Treatment Plant overlooking Lake Skinner in Riverside County.

Water From

500

Miles Away

Colorado River /

Planning for the Future Rate Increases and Detachment

Rainbow Water is proud to deliver water and wastewater services to the community. Situated between scenic rolling hills, the community is home to a longstanding tradition of rural lifestyle and robust agriculture production. The area's unique topography and zoning allow residents to enjoy relief from the overcrowding of city life. However, the less densely populated area results in fewer customers than the more populous urban areas to share the cost of maintaining critical water and wastewater infrastructure that supports our community.

Delivering safe and reliable water while maintaining fiscal responsibility is an essential part of Rainbow Water's commitment to service. Periodic rate adjustments are necessary to meet the demands of maintaining and improving infrastructure to ensure water reliability for ratepayers. The Board of Directors will take final action on the 2025 fiscal year budget and proposed rate increases at the June 25 regular Board meeting.

Previously Approved Rate Increase Cut in Half

In 2023, the Board approved rate increases of up to 9% annually based on a cost-of-service study. However,

partial-year savings from detachment and over \$900,000 of staffinitiated budget cuts allow a reduced rate increase of 4.5% on July 1, 2024, instead of 9%. The proposed increase is planned to cover operating needs for an 18-month time frame until January 1, 2026, and is lower than the 5.7% inflation consumer price index rate for San Diego County for the past 18 months.

Why Is the Cost of Water Increasing?

The primary drivers of the increase are factors outside of Rainbow's control, with energy costs alone accounting for 40% of the proposed increase. Energy costs weigh heavily on the budget and have risen by 30% in the past two years, with another 10% San Diego Gas & Electric rate hike planned for January 2025. In addition, increased environmental regulations continue to make projects challenging to permit and more costly to construct.

These rising costs, in combination with a long-term decline in water sales (from 33,000 acre-feet in 2007 to a projected 10,000 acre-feet in 2025), have a direct impact on Rainbow Water's rates. Back-to-back years of wet weather have

100%

Detachment from the San Diego Water Authority (SDCWA) is on track to finalize by January 2025 and will avoid the impacts from a proposed SDCWA 19% rate increase on January 1, 2025, and overall projected 39% rate increase over the next three years.

State Water

Project

further impacted recent sales, which are 20% lower than initially projected for 2024. Despite declining sales, the fixed costs and debts for capital improvement projects and infrastructure must be paid to ensure public safety and reliability of water service.

Planning for the Future - cont'd on page 2

Your Local Water Provider

As a small government agency, Rainbow Water's rates are set at the cost of service as required by law, and there are no profits. Rainbow Water is committed to continuously improving water infrastructure to meet the needs of our ratepayers, prepare for water emergencies, and ensure water is available where needed for today and the future.

Planning for the Future Mitigating Customer Costs with Detachment

Rainbow Water's change in water wholesaler through detachment from the San Diego Water Authority (SDCWA) is on track to finalize on or before January 2025. The goal of detachment has always been long-term mitigation of the impact of future wholesale water rate increases. While many were hopeful it would result in short-term rate decreases, that will not be possible due to multiple years of deferred increases while the detachment was pursued, combined with several years of high inflation, record-low sales, and short-term detachment-related expenses. A \$15.8 million exit fee is due to SDCWA, with the first payment of \$3.2 million to be paid in late 2024 and is accounted for in the fiscal year 2025 budget. In addition, as part of the detachment process, \$15 million in capital improvement projects are underway, with completion planned for the end of 2024.

Despite the upfront costs, detachment will still have an immediate benefit to customers by avoiding the impacts of a proposed 19% SDCWA rate increase on January 1, 2025, and a projected 39% rate increase over the next three years. Alternatively, a projected 3.6% Metropolitan Water District wholesale increase will be passed on to Rainbow Water customers on January 1, 2025, which is less than half of the projected 10% pass-through under SDCWA's wholesale rates. Post-detachment, Rainbow Water will use the long-term savings to fund critical infrastructure projects with lower rate increases less affected by declining water sales.

Commitment to Maintain Financial Stability

Rainbow Water used cash reserves to absorb wholesale rate increase from our water supplier and to defer rate increases as long as possible despite rising costs while pursuing detachment. As a result of deferring, the District cash reserves have dipped below minimum targets. Replenishment of reserves is vital to ensure financial stability, continuity of operations, and access to low-cost debt financing to fund capital projects. The funding for capital projects for future years is necessary to ensure the safety and reliability of the essential services provided by Rainbow Water. The current financial plan estimates average post-detachment increases of approximately 4% annually through 2029, plus the wholesale pass-through increases. The proposed current modest rate increase will allow Rainbow Water to maintain financial stability and prepare for the full realization of savings from detachment.

2023 Water Quality Report

Rainbow Water is committed to providing all customers with a safe and reliable water supply. Water is regularly monitored and tested throughout our service area to ensure the water served to your homes and businesses meets or exceed all state and federal guidelines for safe drinking water, and this past year was no exception. The

Environmental Protection Agency and State Water Resources Control Board Division of Drinking Water requires all water agencies to provide an annual Water Quality Report to inform all customers

of their drinking water supply. Rainbow Water's 2023 report is on the website in English and Spanish, and print copies are available at the Rainbow Water office. View the report online: **rainbowmwd.ca.gov/ccr**





Garden Like a Pro Steps to Save Water and Create a Healthy, Sustainable Garden

- **1 Care:** New plants require extra water during their 12 month establishment period. Water often for the first few weeks, water regularly in the first summer and then taper off.
- 2 Hydrozone Your Plants: Place plants with similar needs for water and sun on the same irrigation valve.
- **3 Drip Irrigation:** Consider replacing your sprinkler system with drip irrigation in areas with shrubs or rows. The drip system will reduce runoff and allow for direct water where needed.
- 4 **Mulch:** Layer three inches of mulch over all planting beds, surrounding every plant without touching the stems or trunks. Mulch retains soil moisture while it feeds the soil.
- **5** Lawn: Aerate grass periodically and adjust the sprinkler heads to minimize runoff and overspray. Set the lawnmower higher, as tall lawns use less water that short lawns.

70% of California's entire residential water supply is applied to home landscapes, yet many landscapes are over watered due to sprinkler controllers that are not programmed properly.

Remember to check irrigation systems for repairs and reprogram sprinkler controllers to adapt for the summer season. Design your landscape to capture and hold rainwater runoff using

and hold rainwater runoff using downspouts, rain barrels, and dry stream beds. Explore rebates for irrigation controllers, nozzles, rain barrels and more at **SoCalWaterSmart.com**



Stay Connected

3707 Old Highway 395, Fallbrook, CA 92028 Customer Care & After Hours: 760.728.1178 Office Hours: Mon-Fri 8:00 a.m. - 4:30 p.m. RAINBOWMWD.CA.GOV



COMMUNITY NEWSLETTER JUNE 2024 . ISSUE 235

Pictured: Metropolitan Water District's Robert A. Skinner Treatment Plant overlooking Lake Skinner in Riverside County.

States and states

Water From

500

Miles Away

Colorado River /

Planning for the Future Rate Increases and Detachment

Rainbow Water is proud to deliver water and wastewater services to the community. Situated between scenic rolling hills, the community is home to a longstanding tradition of rural lifestyle and robust agriculture production. The area's unique topography and zoning allow residents to enjoy relief from the overcrowding of city life. However, the less densely populated area results in fewer customers than the more populous urban areas to share the cost of maintaining critical water and wastewater infrastructure that supports our community.

Delivering safe and reliable water while maintaining fiscal responsibility is an essential part of Rainbow Water's commitment to service. Periodic rate adjustments are necessary to meet the demands of maintaining and improving infrastructure to ensure water reliability for ratepayers. The Board of Directors will take final action on the 2025 fiscal year budget and proposed rate increases at the June 25 regular Board meeting.

Previously Approved Rate Increase Cut in Half

In 2023, the Board approved rate increases of up to 9% annually based on a cost-of-service study. However,

partial-year savings from detachment and over \$900,000 of staffinitiated budget cuts allow a reduced rate increase of 4.5% on July 1, 2024, instead of 9%. The proposed increase is planned to cover operating needs for an 18-month time frame until January 1, 2026, and is lower than the 5.7% inflation consumer price index rate for San Diego County for the past 18 months.

Why Is the Cost of Water Increasing?

The primary drivers of the increase are factors outside of Rainbow's control, with energy costs alone accounting for 40% of the proposed increase. Energy costs weigh heavily on the budget and have risen by 30% in the past two years, with another 10% San Diego Gas & Electric rate hike planned for January 2025. In addition, increased environmental regulations continue to make projects challenging to permit and more costly to construct.

These rising costs, in combination with a long-term decline in water sales (from 33,000 acre-feet in 2007 to a projected 10,000 acre-feet in 2025), have a direct impact on Rainbow Water's rates. Back-to-back years of wet weather have

100% Imported Water

> Detachment from the San Diego Water Authority (SDCWA) is on track to finalize by January 2025 and will avoid the impacts from a proposed SDCWA 19% rate increase on January 1, 2025, and overall projected 39% rate increase over the next three years.

State Water

Project

further impacted recent sales, which are 20% lower than initially projected for 2024. Despite declining sales, the fixed costs and debts for capital improvement projects and infrastructure must be paid to ensure public safety and reliability of water service.

Planning for the Future - cont'd on page 2

Your Local Water Provider

As a small government agency, Rainbow Water's rates are set at the cost of service as required by law, and there are no profits. Rainbow Water is committed to continuously improving water infrastructure to meet the needs of our ratepayers, prepare for water emergencies, and ensure water is available where needed for today and the future.

Planning for the Future Mitigating Customer Costs with Detachment

Rainbow Water's change in water wholesaler through detachment from the San Diego Water Authority (SDCWA) is on track to finalize on or before January 2025. The goal of detachment has always been long-term mitigation of the impact of future wholesale water rate increases. While many were hopeful it would result in short-term rate decreases, that will not be possible due to multiple years of deferred increases while the detachment was pursued, combined with several years of high inflation, record-low sales, and short-term detachment-related expenses. A \$15.8 million exit fee is due to SDCWA, with the first payment of \$3.2 million to be paid in late 2024 and is accounted for in the fiscal year 2025 budget. In addition, as part of the detachment process, \$15 million in capital improvement projects are underway, with completion planned for the end of 2024.

Despite the upfront costs, detachment will still have an immediate benefit to customers by avoiding the impacts of a proposed 19% SDCWA rate increase on January 1, 2025, and a projected 39% rate increase over the next three years. Alternatively, a projected 3.6% Metropolitan Water District wholesale increase will be passed on to Rainbow Water customers on January 1, 2025, which is less than half of the projected 10% pass-through under SDCWA's wholesale rates. Post-detachment, Rainbow Water will use the long-term savings to fund critical infrastructure projects with lower rate increases less affected by declining water sales.

Commitment to Maintain Financial Stability

Rainbow Water used cash reserves to absorb wholesale rate increase from our water supplier and to defer rate increases as long as possible despite rising costs while pursuing detachment. As a result of deferring, the District cash reserves have dipped below minimum targets. Replenishment of reserves is vital to ensure financial stability, continuity of operations, and access to low-cost debt financing to fund capital projects. The funding for capital projects for future years is necessary to ensure the safety and reliability of the essential services provided by Rainbow Water. The current financial plan estimates average post-detachment increases of approximately 4% annually through 2029, plus the wholesale pass-through increases. The proposed current modest rate increase will allow Rainbow Water to maintain financial stability and prepare for the full realization of savings from detachment.

2023 Water Quality Report

Rainbow Water is committed to providing all customers with a safe and reliable water supply. Water is regularly monitored and tested throughout our service area to ensure the water served to your homes and businesses meets or exceed all state and federal guidelines for safe drinking water, and this past year was no exception. The

Environmental Protection Agency and State Water Resources Control Board Division of Drinking Water requires all water agencies to provide an annual Water Quality Report to inform all customers

of their drinking water supply. Rainbow Water's 2023 report is on the website in English and Spanish, and print copies are available at the Rainbow Water office. View the report online: **rainbowmwd.ca.gov/ccr**



Garden Like a Pro Steps to Save Water and Create a Healthy, Sustainable Garden

- **1** Care: New plants require extra water during their 12 month establishment period. Water often for the first few weeks, water regularly in the first summer and then taper off.
- 2 Hydrozone Your Plants: Place plants with similar needs for water and sun on the same irrigation valve.
- 3 **Drip Irrigation:** Consider replacing your sprinkler system with drip irrigation in areas with shrubs or rows. The drip system will reduce runoff and allow for direct water where needed.
- 4 Mulch: Layer three inches of mulch over all planting beds, surrounding every plant without touching the stems or trunks. Mulch retains soil moisture while it feeds the soil.
- **5 Lawn:** Aerate grass periodically and adjust the sprinkler heads to minimize runoff and overspray. Set the lawnmower higher, as tall lawns use less water that short lawns.

70% of California's entire residential water supply is applied to home landscapes, yet many landscapes are over watered due to sprinkler controllers that are not programmed properly.

Remember to check irrigation systems for repairs and reprogram sprinkler controllers to adapt for the summer season. Design your landscape to capture

and hold rainwater runoff using downspouts, rain barrels, and dry stream beds. Explore rebates for irrigation controllers, nozzles, rain barrels and more at **SoCalWaterSmart.com**



Stay Connected

3707 Old Highway 395, Fallbrook, CA 92028 Customer Care & After Hours: 760.728.1178 Office Hours: Mon-Fri 8:00 a.m. - 4:30 p.m. RAINBOWMWD.CA.GOV



2023

ANNUAL WATER QUALITY REPORT





CONSUMER CONFIDENCE REPORT ISSUED JUNE 2024

RAINBOWMWD.CA.GOV

2023

ANNUAL WATER QUALITY REPORT

In this issue

Water Resources	1
Water Sources	2
Frequently Asked Questions	2
About Your Drinking Water	3
Water Quality	4
Consumer Confidence Report	5-
Glossary	5-
About Rainbow Water	7

Water Resources For more information contact

Rainbow Water rainbowmwd.ca.gov (760) 728-1178

Metropolitan Water District www.mwdh2o.com (213) 217-6000

U.S. Environmental Protection Agency epa.gov/ccr Safe Drinking Water Hotline (800) 426-4791

State Water Resources Control Board waterboards.ca.gov (866) 792-4977



View the Report Online

The Water Quality Report is now available in English and Spanish. Please view the report electronically by scanning the code below or visit rainbowmwd.ca.gov/ccr

Spanish Water Quality Report

Este informe contiene informacion muy importante sobre la calidad de su agua beber. Para espanol scanea el código o visita rainbowmwd.ca.gov/ccr

Frequently Asked Questions

Does Rainbow Water have hard or soft water?

During the past year, Rainbow Water has reported a average water hardness of 228 milligrams per liter (mg/L) (equal to 13.3 grains per gallon, 1 grain = 17.1 mg/L). This reported level is considered "hard" water.

What about fluoride?

Water Sources

The Robert A. Skinner Filtration Plant treats water from the Colorado River and from the State Water Project. The Skinner Plant adjusts the fluoride levels in the water to an optimal level recommended by the CDC for oral health and uses chloramine for final disinfection. To obtain more information about fluoridation, please scan the code to view the State Water Resources Control Board website.

Who regulates drinking water guality?

The USEPA establishes and enforces national drinking water standards. In California, enforcement of drinking water standards falls under the SWRCB-DDW. The Agency set MCL's for various compounds in water to provide safe drinking water supplies.

Where Does My Water Come From?

Rainbow Municipal Water District (Rainbow Water) purchases 100% of its treated water from the San Diego County Water Authority (SDCWA). SDCWA purchases most of its water from the Metropolitan Water District



About Your Drinking Water

Why are there contaminants in my drinking water?

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 the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the United States Environmental Protection Agency's (USEPA) Safe Drinking Water Hotline at: (800) 426-4791 or the EPA's Safe Drinking Water website: epa.gov

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

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria which 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 runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Coliform bacteria are a commonly used indicator of sanitary quality of foods and water.
- **Pesticides and herbicides,** which may come from a variety of sources such as agriculture, urban storm water runoff and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.
- **Radioactive contaminants**, which can be naturally occur- ring or be the result of oil and gas production and mining activities.

What about lead in my drinking water?

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. Rainbow Water is responsible for providing high-quality drinking water but cannot control the variety of materials used in privately owned plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. As part of the USEPA Lead & Copper Rule, every three years Rainbow Water is required to collect samples based on population and service connections within the distribution system. If you are concerned about lead in your water, you may request to have your water tested by calling Rainbow Water Customer Service. 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) 225-5693 or at: **epa.gov/safewater/lead**. California Assembly Bill 746 has required community water systems to test lead levels in drinking water since 2019 at all California public, K-12 school sites that were constructed before January 1, 2010.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as those with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, and some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA and Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline: (800) 426-4791. When ingested by humans, they may result in a variety of gastrointestinal symptoms including diarrhea, nausea and fever. Metropolitan has tested for cryptosporidium in treated water supplies for decades, and the organism has not been detected Metropolitan's source water or treated water since 1997.

About the Annual Water Quality Report

Water Quality Monitoring

This report provides water quality information compiled during 2023, with details about where your water comes from, what it contains, and how it compares to Federal and State standards. Rainbow Water routinely monitors the distribution system for drinking water constituents of concern. Last year, in addition to dozens of other water quality tests, Rainbow Water conducted 312 tests for total coliform bacteria. The State Water Resources Control Board - Division of Drinking Water (SWRCB-DDW) requires that no more than 5% of the water samples collected per month may test positive for total coliform. Rainbow Water was in compliance for the entire year.

Storage Facility Inspections

Rainbow Water's water storage and distribution system includes over 344 miles of pipeline, 12 closed steel tanks, one concrete tank and three covered reservoirs. Weekly tank and reservoir inspections were completed by Rainbow Water as part of its routine preventative maintenance plan. Yearly tank is inspections are conducted for safety and sanitation compliance by a third-party inspection firm. Every two years, each tank is taken offline to receive a detailed interior inspection, undergo a robust interior cleaning, and receive repairs as needed.

The water contains a mixture of chlorine and ammonia, which creates a strong disinfectant known as chloramines. Chloramine residuals are constantly monitored, and when applicable, small amounts of chlorine is injected into the water throughout Rainbow Water facilities. However, certain portions of the distribution system convert from chloramine to free chlorine based on specific operating conditions. Should a water quality problem occur, Rainbow Water is prepared to take remedial action as set forth in an Operational Plan approved by the SWRCB-DDW.

Source Water Assessment

In 2011, Metropolitan completed the source water assessment of the Colorado River and State Water Project supplies. Colorado River supplies are considered to be most vulnerable to recreation, urban/storm runoff, increasing urbanization in the watershed and wastewater. State Project Water supplies are regarded as the most vulnerable to urban/storm water runoff, wildlife, agriculture, recreation and wastewater. Source water protection is not only important for the environment, but also for California residents by ensuring safe drinking water. A copy of the assessment can be obtained on the Metropolitan website at **mwdh2o.com**, or by calling: (800) 225-5693.

Certified Operators

Rainbow Water's water system operators are certified in both water distribution and water treatment. Water system operator competency is critical for the protection of public health and the maintenance of safe, optimal and reliable operations of water treatment and distribution facilities. SWRCB-DDW guidelines ensure that operators have the operational skills, knowledge, experience, education and training required to operate a water system. Once water system operators are initially trained and certified, they are required to recertify every 3 years through continued education to ensure competency. The requirements issued by SWRCB-DDW will provide baseline standards for efficient and effective State Water Operator Certification programs.

Pictured: Gomez Tank in the Rainbow Water service area.

Consumer Confidence Report Primary Standards — Mandatory Health-Related Standards

Microbiological Contaminants	Highest No. of Detections	No. of Months in Violation	MCL			MCI	LG	Typical Source of Bacteria
MICROBIOLOGICAL								
Total Coliform Bacteria (b)	1 in the year	0	No more than 2 p	ositive monthly sa	amples	0		Naturally present in the environment
Fecal Coliform or E. coli	0 in the year							
Lead & Copper (Completed if detected of lead or copper in last sample set)	No. of Samples Collected	90th Percentile Level Detected	No. of Sites Exceeding AL	AL	PH	PHG		Typical Source of Contaminant
INORGANIC COMPOUNDS - S	AMPLED IN HOME TA	APS IN 2018 (sampled	l every 3 years)					
Copper (d) (ppm)	30	.28	0	1.3	0.	3	Inter syste	nal corrosion of household plumbing ms; erosion of natural deposits
Lead (d) (ppb)	30	0	0	15	0.	2 plumb manu		nal corrosion of household water bing systems; Discharges from industrial ufacturers, erosion of natural deposits

SPECIAL LEAD & COPPER MONITORING DUE TO NEW SOURCE AS REQUIRED BY SWRCB						
Copper (d) (ppm)	0	0	0	0	0	Internal corrosion of household plumbing systems; erosion of natural deposits
Lead (d) (ppb)	0	0	0	0	0	Internal corrosion of household water plumbing systems; Discharges from industrial manufacturers, erosion of natural deposits

	Skinner WTP		Skinner WTP Twin Oaks WTP		Carlsbad Desal Plant				
	Average	Range	Average	Range	Average	Range	MCL [MRDL]	MCLG [MRDLG]	Major Sources in Drinking Water
INORGANIC COMPOU	NDS								
Aluminum (ppb)	113	ND-230	ND	ND-0.17	ND	ND	1,000	600	Natural deposits erosion; residue from water treatment process
Arsenic (ppb)	ND	ND	Single Sample 2.1	NA	ND	ND	10	0.004	Natural deposits erosion; glass and electronics production waste
Barium (ppb)	116	116	ND	58.5-91.3	ND	ND	1,000	2,000	Oil and metal refineries discharge: natural deposits erosion
Fluoride (ppm)	0.7	0.6-0.8	0.6	0.6-0.63	0.696	0.6-0.799	2.0	1	Water additive that promotes strong teeth; erosion of natural deposits

CLARITY									
	% <0.3	Highest	% <0.1	Highest	% <0.1	Highest	MCL [MRDL]	MCLG [MRDLG]	Major Sources in Drinking Water
Combined Filter (NTU)	100%	0.07	0.019	0.013- 0.081	NA	0.08	тт	NA	Soil runoff
Effluent Turbidity (%)	100%	0.07	100%	NA	100%	NA	95 (a)	NA	Soil runoff

Glossary Terms and abbreviations used in the tables above.

AL: Regulatory Action Level: The concentration level of a contaminant, which if exceeded triggers treatment or other requirements, which a water system must follow. MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to public health goals (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

MCLG: Maximum Contaminant Level Goal: The maximum level of a contaminant where there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

mg/L or ppm: *Milligrams per liter (mg/L)* or Parts per million (ppm) 1 part per million = 1 drop in 10 gallons.

MRDL: Maximum Residual Disinfectant Level: The level of disinfectant added for water treatment that may not be exceeded at the consumer's tap.

MRDLG: Maximum Residual Disinfectant Level Goal: The level of disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs are set by the U.S. Environmental Protection Agency.

NA: Not applicable.

ND: None Detected: Laboratory analysis indicates that the constituent is not present. NL: Notification Level: Notification levels are health based advisory levels established by CDPH NRA: No running average.

NTU: Nephelometric Turbidity Units: A measure of the cloudiness of the water. **pCi/L:** *PicoCuries per liter:* A measure of radioactivity.

Through our monitoring and testing we learned some contaminants were detected. However, the EPA has determined that your water meets all drinking water health standards at these levels (c).

Parameter (a)	Average	Range	MCL [MRDL]	(MCLG) [MRDLG]	Major Sources in Drinking Water			
DETECTION OF CONTAMINANTS WITH A PRIMARY STANDARD								
Haloacetic Acids (HAA5) (c)(ppb)	10.83	0-39	60	NA	By-product of drinking water chlorination			
TTHM (c)(ppb) [Total trihalomethanes]	37	20-73	80	NA	By-product of drinking water chlorination			
Total Chlorine Residual (ppm)	2.02	1.61-2.58	[4]	[4]	Drinking water disinfectant added for treatment			

	Skinner WTP		Twin Oaks WTP		Carlsbad Desal Plant				
	Average	Range	Average	Range	Average	Range	MCL [MRDL]	MCLG [MRDLG]	Major Sources in Drinking Water
RADIONUCLIDE (pCi/L	.)								
Gross Alpha Particle Activity (pCi/L)	ND	ND-4	ND	ND-4	ND	ND	15	(0)	Erosion of natural deposits
Gross Beta Particle Activity (pCi/L)	ND	ND-8	5	4.9-5.1	ND	ND	50	(0)	Decay of natural and man-made deposits
Uranium (pCi/L)	2	ND-3	ND	ND	ND	ND	20	0.43	Erosion of natural deposits

SECONDARY STANDARDS - AESTHETICS STANDARDS									
Aluminum (ppb)	113	ND-230	ND	ND-0.17	ND	ND	200	600	Natural deposits erosion; residue from water treatment process
Chloride (ppm)	91	72-110	100	100	75	35-98	500	NA	Runoff/leaching from natural deposits; Seawater influence
Color (units)	1	1	1	1	ND	ND	15	NA	Naturally occurring organic materials
Iron (ppm)	ND	ND	ND	ND	ND	ND	300	ND	Leaching from natural deposits; industrial waste
Odor Threshold (TON)	2	2	ND	ND	ND	ND	3	ND	Naturally occurring organic materials
Specific Conductance (uS/cm)	852	664-1040	Single Sample 980	NA	405.4	225.5- 506.4	1,600	NA	Substances that form ions when in water; seawater influence
Sulfate (ppm)	174	113-236	166	122-210	13.5	13-15	500	NA	Runoff/leaching from natural deposits; Industrial wastes
Total Dissolved Solids (TDS) (ppm)	536	401-670	Single Sample 570	NA	216	122-318	1,000	NA	Runoff/leaching from natural deposits

ADDITIONAL PARAMETERS									
Hardness (ppm)	228	165-291	Single Sample	NA	56.12	43.7-79.6	NA	NA	Leaching from natural deposits
Sodium (ppm)	86	69-103	99	NA	55.35	40.1-61	NA	NA	Runoff/leaching from natural deposits; Seawater influence
Boron (ppb)	130	130	Single Sample 140	NA	0.62	0.39-0.90	NA	NL=1	Leaching from natural deposits

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

Environmental Agency.

PDWS: Primary Drinking Water Standard: MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements. TON: Threshold odor number.

TI: Treatment Technique: A required process intended to reduce the level of a

contaminant in drinking water.

Umho/cm: Micromhos per centimeter (a measure of a substance's ability to convey electricity). uS/cm: MicroSeimen per centimeter. equal to 0.3 NTU in 95% of the measurements at Skinner WTP and less than or equal to 0.1 NTU in 95% of the measurements at the CDP and TOVWTP. Turbidity is the measure of the cloudiness

ug/L or ppb: Micrograms per liter (ug/L) or Parts per billion (ppb). 1 part per billion is = 1 drop in 10,000 gallons.



	(a): Data shown are annual averages and ranges.
	(b): Total coliform MCLs: For a water system collecting fewer than 40 samples per month, no
	more than 1 of the monthly samples may be total coliform positive.
h	(c): Calculated from the locational running annual average of quarterly samples.
	(d): The Federal and State requirements for exceeding the action levels may include installing
	corrosion control treatment, collecting water quality parameter samples, or replacing lead service
	lines.

(e): The turbidity performance standards regulated by a treatment technique shall be less than or



About Your Local Water Agency

Founded in 1953, Rainbow Water treats and delivers water to over 8,800 water customers and 3,260 sewer customers within an 82-square mile service area. As a small government agency, Rainbow Water works tirelessly to maintain service 24 hours a day and 365 days per year.

Mission

To provide our customers reliable, high quality water and water reclamation service in a fiscally sustainable manner.

Core Values

Integrity, Professionalism, Responsibility, Teamwork, and Innovation.

Stay Connected

Have you recently moved or changed your phone number? The Customer Service team is available to update your contact informationto ensure you receive monthly invoices, newsletters, and service updates. Learn more about payment plans, bill payments, and rate options by calling (760) 728-1178.

