

APPENDIX B: CCR Certification Form (Suggested Format)

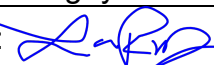
Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

| | |
|----------------------|-----------------------------|
| Water System Name: | Irvine Ranch Water District |
| Water System Number: | CA3010092 |

The water system named above hereby certifies that its Consumer Confidence Report was distributed on **June 1, 2024** 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: Lori Rigby | Title: Regulatory Compliance Manager |
| Signature:  | Date: 9/9/2024 |
| Phone number: 949-453-5344 | blank |

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). **(7 print copies were mailed upon request)**
- ☒ 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: www.irwd.com/2024report
 - ☒ Mailing the CCR to postal patrons within the service area (**Mailed to zip codes: 92610, 92614, 92618, 92620**)
 - ☒ Advertising the availability of the CCR in news media (Copies of printed ads attached)
 - ☐ 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)
 - ☐ Posted the CCR in public places (attach a list of locations)
 - ☐ 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 (**Social media outlets utilized were Facebook, Twitter and Instagram**)
- ☒ Other (**CCR availability with link to online report promoted in IRWD's June 2024 Pipelines customer newsletter, June 2024 and July 2024 billing messages and June 24 and July 2024 on-hold messages for incoming calls.**)
- ☒ *For systems serving at least 100,000 persons:* Posted CCR on a publicly-accessible internet site at the following URL: **www.IRWD.com/water-report**

- ☐ *For privately-owned utilities:* Delivered the CCR to the California Public Utilities Commission

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.

- ☒ Water system mailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available website where it can be viewed (See attached copy of the mailed CCR notification postcards).
URL: www.irwd.com/2024report
- ☒ Water system emailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available site on the Internet where it can be viewed (See attached copy of the emailed CCR notification).
URL: www.irwd.com/2024report
- ☐ 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.

| |
|--|
| <p>The 2024 IRWD Water Quality Report (aka CCR) was available June 1, 2024, as a printable PDF at www.irwd.com/2024report. A print article in the June 2024 Pipelines customer newsletter directing readers to the IRWD CCR at IRWD.com/quality accompanied the June water bills mailed to approximately 70,850 customers. (See attached PDF page 9 of June 2024 Pipelines.)</p> |
| <p>The first page of every June 2024 and July 2024 water bill (including both print and electronic deliveries of these bills) also contained a separate written message which told customers where to find the 2024 CCR at www.irwd.com/2024report. (See attached PDF - page 10)</p> |
| <p>IRWD also mailed 2,824 postcards to customers who receive electronic bills only, plus 9,313 postcards to landlords and/or property managers of tenants receiving water from IRWD. These postcards informed their recipients the 2024 CCR was available online at www.irwd.com/2024report and informed them a printed CCR would be mailed upon request. (See attached PDFs of these postcards – pages 11-14.) As of August 9, 2024, 7 printed 2024 CCR copies were mailed to customers by request</p> |
| <p>Prior to mailing out CCR notifications postcards to eBill customers not receiving printed water bills, IRWD sent out a Mail Chimp email blast in early June 2024 to 55,352 recipients informing these customers that the 2024 water quality report was available for viewing (See attached PDF - page 15). As a result of this email blast, 37,356 customers opened the email, 2,651 clicked the link to open the 2024 IRWD Water Quality Report, 857 emails bounced back, and 95 customers unsubscribed. The names and addresses of the 857 customers whose emails bounced back were subsequently added to the postcard mailing list, to help ensure these customers would receive a 2024 IRWD Water Quality Report notification.</p> |
| <p>For additional outreach, IRWD ran advertisements on June 16, 2024 in four local newspapers of general circulation to further publicize the link to the CCR to customers in IRWD’s service area. (See attached PDF with tear sheets of these ads – pages 16-19.)</p> |
| <p>Social media posts on Facebook, Twitter and Instagram were published in June 2024 to further promote the availability of the CCR.</p> |
| <p>IRWD also recorded June and July 2024 “on-hold messages” promoting the availability of 2024 CCR to customers calling in.</p> |
| <p><i>Please see the attached PDF (pages 1-8) to review the 2024 IRWD Water Quality Report.</i></p> |
| |

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.



2024 WATER QUALITY REPORT



Irvine Ranch
Water District

IRWD 2024 Water Quality Report

Since 1990, California public water utilities have provided an annual water quality report to their customers. **This year's report covers calendar year 2023 drinking water quality testing and reporting.** Irvine Ranch Water District (IRWD) vigilantly safeguards its water supply and, as in years past, the water delivered to your home meets the quality standards required by federal and state regulatory agencies. The U.S. Environmental Protection Agency (U.S. EPA) and the State Water Resources Control Board, Division of Drinking Water (DDW) are the agencies responsible for establishing and enforcing drinking water quality standards.

IRWD and other regional water suppliers frequently go beyond what is required by testing for unregulated chemicals that may have health risks but do not have drinking water standards. For example, the Orange County Water District (OCWD), which manages the groundwater basin; the Metropolitan Water District of Southern California (MWD), which

supplies imported treated surface water; and IRWD, which operates a local surface water treatment plant and several groundwater treatment plants, all test for unregulated chemicals in our water supply. Monitoring for unregulated chemicals helps U.S. EPA and DDW determine where certain chemicals occur and whether new standards need to be established for those chemicals. Through drinking water quality compliance testing programs carried out by OCWD (groundwater), MWD (treated surface water) and IRWD (treatment plants and the distribution system), your drinking water is constantly monitored from source to tap for regulated and unregulated constituents.

The state allows drinking water agencies to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some data, though representative, is more than one year old.



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

يحتوي هذا التقرير على معلومات هامة عن نوعية ماء الشرب في منطقتك. يرجى ترجمته، أو ابحث التقرير مع صديق لك يفهم هذه المعلومات جيدا.

Arabic

Der Bericht enthält wichtige Informationen über die Wasserqualität in Ihrer Umgebung. Der Bericht sollte entweder offiziell übersetzt werden, oder sprechen Sie mit Freunden oder Bekannten, die gute Englischkenntnisse besitzen.

German

이 보고서에는 귀하가 거주하는 지역의 수질에 관한 중요한 정보가 들어 있습니다. 이것을 번역하거나 충분히 이해하시는 친구와 상의하십시오.

Korean

这份报告中有些重要的信息，讲到关于您所在社区的水的品质。请您找人翻译一下，或者请能看得懂这份报告的朋友给您解释一下。

Chinese

Questo rapporto contiene informazioni importanti che riguardano la vostra acqua potabile. Traducetelo, o parlate con una persona qualificata in grado di spiegarvelo.

Italian

Este informe contiene información muy importante sobre su agua potable. Para mas información ó traducción, favor de contactar a Customer Service Representative. Telefono: 949-453-5300.

Spanish

Ce rapport contient des informations importantes sur votre eau potable. Traduisez-le ou parlez en avec quelqu'un qui le comprend bien.

French

この資料には、あなたの飲料水についての大切な情報が書かれています。内容をよく理解するために、日本語に翻訳して読むか説明を受けてください。

Japanese

Bản báo cáo có ghi những chi tiết quan trọng về phẩm chất nước trong cộng đồng quý vị. Hãy nhờ người thông dịch, hoặc hỏi một người bạn biết rõ về vấn đề này.

Vietnamese

Questions about your water? Contact us for answers.

If you have questions about this report, please contact Customer Service, which will route your call appropriately.

To reach IRWD Customer Service and for other information, please call 949-453-5300, or email CustomerService@IRWD.com.

Community participation

The IRWD Board of Directors meets the second and fourth Monday of each month beginning at 5 p.m. at IRWD, 15600 Sand Canyon Avenue, Irvine, California 92618.

A copy of this report is also available on our website: IRWD.com. For more information about the health effects of the listed contaminants in the following tables, call the U.S. EPA Safe Drinking Water Hotline at 800-426-4791.

The quality of your water is our primary concern

Sources of supply

IRWD is committed to providing a clean and reliable water supply for its customers. Our drinking water is a blend of groundwater from the Orange County Groundwater Basin and surface water imported by MWD. MWD's imported water sources come from the State Water Project and the Colorado River Aqueduct. Local groundwater is pumped from a natural underground reservoir that stretches from the Prado Dam and fans across the northwestern portions of Orange County, stretching as far south as the El Toro "Y." Additional water comes from the Harding Canyon Dam watershed and the Santiago Creek Dam watershed. Local groundwater comprises approximately 65% of the total IRWD drinking water supply.

Basic information about drinking water contaminants

Drinking water sources (both tap and bottled water) may include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of land or through the layers of the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can



pick up substances resulting from the presence of animal and 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.
- **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.
- **Radioactive contaminants**, which can be naturally occurring or be the result of oil and gas production or mining activities.
- **Inorganic contaminants**, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic sewage discharges, oil and gas production, mining and farming.



- **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gasoline stations, urban stormwater runoff, agricultural application and septic systems.

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

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

Immuno-compromised people

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised people, such as those with cancer who are undergoing chemotherapy, people who have had organ transplants, people with HIV/AIDS or other immune system disorders, some elderly people and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers.

Information the U.S. EPA would like you to know

Drinking water fluoridation

Fluoride has been added to U.S. drinking water supplies since 1945. In December 2007, MWD joined a majority of the nation's public water suppliers in adding fluoride to drinking water to help prevent tooth decay. MWD was in compliance with all provisions of the state's fluoridation system requirements.

IRWD's local groundwater contains naturally occurring fluoride, but is not supplemented with added fluoride. Fluoride levels in drinking water are limited under California state regulations at a maximum dosage of 2 parts per million.

There are many places to go for additional information about the fluoridation of drinking water:

U.S. Centers for Disease Control and Prevention

800-232-4636 • cdc.gov/fluoridation

State Water Resources Control Board, Division of Drinking Water

[waterboards.ca.gov/drinking_water/
certlic/drinkingwater/Fluoridation.html](https://waterboards.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation.html)

American Water Works Association: awwa.org

For more information about MWD's fluoridation program, please contact Edgar G. Dymally at 213-217-5709 or at edymally@mwdh2o.com.

Cryptosporidium

Cryptosporidium is a microscopic organism that, when ingested, can cause diarrhea, fever, and other gastrointestinal symptoms.

The organism comes from animal and/or human waste and may be in surface water. MWD and IRWD tested the source waters and treated surface waters for *Cryptosporidium* in 2023 and did not detect it.

If detected in any drinking water samples, *Cryptosporidium* is eliminated by an effective treatment combination including sedimentation, filtration and disinfection.

The U.S. EPA and the federal Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the U.S. EPA Safe Drinking Water Hotline at 800-426-4791.



Chloramines

Water imported from MWD and locally produced ground-water contains chloramines, a combination of chlorine and ammonia, as a drinking water disinfectant. Chloramines effectively kill bacteria and other microorganisms that may cause disease.

Chloramines have no odor when used properly.

People who use kidney dialysis machines may want to take special precautions and consult their physician for the appropriate type of water treatment.

Customers who maintain fish ponds, tanks or aquariums should also make necessary adjustments in water quality treatment, as these disinfectants are toxic to fish.

For further information or if you have any questions about chloramines please visit IRWD.com or call 949-453-5300.

Total Coliform Rule

This Water Quality Report reflects changes in drinking water regulatory requirements instituted during 2016. All water systems are required to comply with the state Total Coliform Rule. Effective April 1, 2016, all water systems are also required to comply with the federal Revised Total Coliform Rule. The state Revised Total Coliform Rule became effective July 1, 2021.

The federal and state rules protect public health by ensuring the integrity of the drinking water distribution system by monitoring for the presence of microbials (i.e., total coliform and *E. coli* bacteria). U.S. EPA anticipates greater public health protection as the new rule requires water systems that are vulnerable to microbial contamination to identify and resolve potential issues. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system.

IRWD tested the distribution system water quality for *E. coli* bacteria in 2023 and did not detect it.

Arsenic advisory

While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The U.S. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Water quality issues that could affect your health

About lead in tap water

IRWD meets all standards for lead in the U.S. EPA Lead and Copper Rule. 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.

IRWD 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. IRWD encourages you to collect the flushed water and reuse it for another beneficial purpose, such as watering potted plants.

Information on lead in drinking water, testing methods, and

steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at epa.gov/safewater/lead.

If you are concerned about lead in your water, you may wish to have your water tested.



Nitrate advisory

Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than 6 months old. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin.

Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies.

If you are caring for an infant or are pregnant, you should ask advice from your health care provider.

Want additional information? Explore water online.



There's a wealth of information on the internet about drinking water quality, water reliability and water issues in general. A good place to begin your research is [IRWD.com/quality](https://www.irwd.com/quality).

In addition to extensive information about your local water and the support and services we offer, you'll find links to many other regional, statewide and national water resources.

You can also view "Journey of a Water Sample: How We Safeguard Your Water," a short video depicting the steps IRWD staff take to ensure the high quality of our drinking water.

Enjoy keeping in the know via social media? Follow IRWD's water updates here:



Facebook

Like Us:
Irvine Ranch Water District



X

Follow us:
@IRWDnews



YouTube

Watch us:
youtube.com/IrvineRanchWD



Instagram

Follow us:
@IRWDnews

Irvine Ranch Water District Local and Imported Drinking Water Quality Results for 2023

| Chemical | MCL | MRDL | PHG MRDLG (MCLG) | Average Local Treated Groundwater | Average Local Treated Surface Water | Average Imported MWD Treated Water | Range of Detections | MCL Violation? | Typical Source of Contaminant |
|---|--|---------|------------------------|---|---|--|------------------------|---|----------------------------------|
| Radiologicals – Tested in 2023 | | | | | | | | | |
| Alpha Radiation (pCi/L) | 15 | 0 | 3.6 | 5.4 | <3 | ND – 5.4 | No | Erosion of Natural Deposits | |
| Beta Radiation (pCi/L) | 50 | 0 | NR | 5.1 | <3 | ND – 6.0 | No | Decay of natural and man-made deposits | |
| Uranium (pCi/L) | 20 | 0.43 | 2.1 | 1.7 | 1.0 | ND – 3.2 | No | Erosion of Natural Deposits | |
| Inorganic Chemicals – Tested in 2023 | | | | | | | | | |
| Aluminum (ppm) | 1 | 0.6 | ND | ND | Highest RAA = 0.105 | ND – 0.070 | No | Treatment Process Residue, Natural Deposits | |
| Arsenic (ppb) | 10 | 0.004 | 2.16 | <2 | ND | ND – 8.38 | No | Erosion of Natural Deposits | |
| Barium (ppm) | 1 | 2 | ND | <0.100 | ND | ND – 0.115 | No | Erosion of Natural Deposits | |
| Bromate (ppb) | 10 | 0.1 | NR | NR | ND | ND – 6.3 | No | Byproduct of drinking water ozonation | |
| Chlorine (ppm) | 4.0 | 4.0 | NR | 2.5 | NR | 1.5 – 3.2 | No | Drinking water disinfectant added for treatment | |
| Fluoride (ppm) naturally-occurring | 2 | 1 | 0.26 | 0.32 | NR | ND – 0.72 | No | Erosion of Natural Deposits | |
| Fluoride (ppm) treatment-related | Control Range 0.6 – 1.2 ppm Optimal Level 0.7 ppm | | NR | NR | 0.7 | 0.5-0.8 | No | Water Additive for Dental Health | |
| Nitrate (ppm as N) | 10 | 10 | 1.6 | ND | 0.7 | ND – 4.3 | No | Fertilizers, Septic Tanks | |
| Nitrate+Nitrite (ppm as N) | 10 | 10 | 1.6 | ND | 0.7 | ND – 4.3 | No | Fertilizers, Septic Tanks | |
| Secondary Standards* – Tested in 2023 | | | | | | | | | |
| Aluminum (ppb) | 200* | 600 | ND | ND | Highest RAA = 105 | ND – 70 | No | Treatment Process Residue, Natural Deposits | |
| Chloride (ppm) | 500* | n/a | 34.4 | 89.2 | 66.0 | 19.0 – 111 | No | Leaching from Natural Deposits; Seawater Influence | |
| Color (color units) | 15* | n/a | <3 | <3 | 2 | ND – 5 | No | Naturally-Occurring Organic Substances | |
| Odor (TON) | 3* | n/a | 1 | 1 | 2 | ND – 4 | No | Naturally-Occurring Organic Materials | |
| Specific Conductance (µmho/cm) | 1,600* | n/a | 429 | 1,001 | 642 | 229 – 1085 | No | Ions in Water; Seawater Influence | |
| Sulfate (ppm) | 500* | n/a | 56.4 | 217 | 122 | 27.0 – 240 | No | Runoff or Leaching from Natural Deposits | |
| Total Dissolved Solids (ppm) | 1,000* | n/a | 247 | 612 | 394 | 128 – 672 | No | Runoff or Leaching from Natural Deposits | |
| Turbidity (NTU) | 5* | n/a | <0.10 | <0.10 | ND | ND – 0.55 | No | Erosion of Natural Deposits | |
| Unregulated Contaminants – Tested in 2023 | | | | | | | | | |
| Alkalinity, Total (ppm as CaCO ₃) | Not Regulated | n/a | 92.8 | 138 | 84 | 47.4 – 154 | n/a | Runoff or Leaching from Natural Deposits | |
| Bicarbonate (ppm as HCO ₃) | Not Regulated | n/a | 70.6 | 137 | NR | 47.4 – 153 | n/a | Runoff or Leaching from Natural Deposits | |
| Boron (ppm) | NL = 1 | n/a | 0.15 | 0.14 | 0.13 | ND – 0.24 | n/a | Runoff or Leaching from Natural Deposits | |
| Bromide (ppm) | Not Regulated | n/a | <0.10 | NR | NR | 0.04 – 0.18 | n/a | Runoff or Leaching from Natural Deposits | |
| Calcium (ppm) | Not Regulated | n/a | 28.2 | 74.7 | 38.0 | 16.6 – 81.4 | n/a | Runoff or Leaching from Natural Deposits | |
| Carbonate (ppm) | Not Regulated | n/a | <0.6 | <0.6 | NR | <0.6 – 1.3 | n/a | Runoff or Leaching from Natural Deposits | |
| Chlorate (ppb) | NL = 800 | n/a | NR | NR | 19.0 | 19.0 | n/a | Byproduct of Drinking Water Chlorination | |
| Corrosivity (Aggressiveness) | Not Regulated | n/a | 11.8 | 12.4 | 12.4 | 10.8 – 12.9 | n/a | Elemental Balance in Water | |
| Corrosivity (Langlier Index) | Not Regulated | n/a | 0.20 | 0.59 | 0.54 | (-)0.72 – 1.1 | n/a | Elemental Balance in Water | |
| Hardness, Total (ppm as CaCO ₃) | Not Regulated | n/a | 93.3 | 297 | 160 | 57.2 – 321 | n/a | Runoff or Leaching from Natural Deposits | |
| Hardness, Total (grains/gal) | Not Regulated | n/a | 5.5 | 17.4 | 9.4 | 3.3 – 18.8 | n/a | Runoff or Leaching from Natural Deposits | |
| Hexavalent Chromium (ppb) | Not Regulated | 0.02 ** | 0.1 | ND | ND | ND – 0.14 | No | Erosion of Natural Deposits; Industrial Discharge | |
| Magnesium (ppm) | Not Regulated | n/a | 8.0 | 27.9 | 15.0 | 3.1 – 29.9 | n/a | Runoff or Leaching from Natural Deposits | |
| Molybdenum (ppb) | Not Regulated | n/a | 7.1 | 4.8 | NR | ND – 15.2 | n/a | Drinking Water Treatment Chemical for Aesthetic Quality | |
| pH (pH units) | Not Regulated | n/a | 8.2 | 8.0 | 8.5 | 7.1 – 8.8 | n/a | Acidity, Hydrogen Ions | |
| Potassium (ppm) | Not Regulated | n/a | 1.2 | 4.2 | 3.4 | ND – 4.3 | n/a | Runoff or Leaching from Natural Deposits | |
| Sodium (ppm) | Not Regulated | n/a | 48 | 92 | 69 | 20.7 – 112 | n/a | Runoff or Leaching from Natural Deposits | |
| Total Organic Carbon (ppm) | TT | n/a | 0.4 | 1.8 | 2.4 | ND – 3.0 | TT | Various Natural and Man-Made sources | |
| Vanadium (ppb) | NL = 50 | n/a | 3.9 | ND | 3.1 | ND – 6.4 | n/a | Runoff or Leaching from Natural Deposits | |

Your water has been tested for many more chemicals than are listed above, including metals (such as mercury), pesticides and volatile organic compounds. Chemicals not detected in any water sources are not included in the table.

*Contaminant is regulated by a secondary standard to maintain aesthetic qualities (taste, odor, color).

**There is currently no MCL for hexavalent chromium. The previous MCL of 10 ppb was withdrawn on September 11, 2017.

ppb = parts-per-billion; ppm = parts-per-million; ppt = parts-per-trillion; pCi/L = picoCuries per liter;
 NTU = nephelometric turbidity units; ND = not detected; n/a = not applicable; NR = not required to be tested;
 < = average is less than the detection limit for reporting purposes; MCL = Maximum Contaminant Level;
 (MCLG) = federal MCL Goal; PHG = California Public Health Goal; µmho/cm = micromho per centimeter;
 NL = Notification Level; TT = Treatment Technique; RAA = Highest Running Annual Average

| Turbidity – combined filter effluent | Treatment Technique | Turbidity Measurements | TT Violation? | Typical Source |
|--|---------------------|------------------------|---------------|----------------|
| Baker Water Treatment Plant | | | | |
| 1) Highest single turbidity measurement | 0.1 NTU | 0.03 | No | Soil Run-Off |
| 2) Percentage of samples less than or equal to 0.3 NTU | 100% | 100% | No | Soil Run-Off |
| Metropolitan Water District Diemer Filtration Plant | | | | |
| 1) Highest single turbidity measurement | 0.3 NTU | 0.08 | No | Soil Run-Off |
| 2) Percentage of samples less than or equal to 0.3 NTU | 100% | 100% | No | Soil Run-Off |

Turbidity is a measure of the cloudiness of the water, an indication of particulate matter, some of which might include harmful microorganisms.

Low turbidity in treated surface water is a good indicator of effective filtration. Filtration is called a "treatment technique" (TT).

A treatment technique is a required process intended to reduce the level of contaminants in drinking water that are difficult and sometimes impossible to measure directly.

Unregulated Chemicals Requiring Monitoring at Entry Points to the Distribution System

| Chemical | Notification Level | PHG | Average Local and Imported | Range of Detections | Most Recent Sampling Date |
|----------------------------|--------------------|-----|----------------------------|---------------------|---------------------------|
| Bromide (ppm) | n/a | n/a | 0.20 | 0.025 – 0.72 | 2020 |
| Germanium, Total (ppb) | n/a | n/a | <0.3 | ND – 0.8 | 2020 |
| Manganese, Total (ppb) | MCL = 50* | n/a | 0.88 | ND – 2.7 | 2020 |
| Total Organic Carbon (ppm) | n/a | n/a | 1.2 | 0.06 – 6.5 | 2020 |
| Lithium, Total (ppb) | n/a | n/a | 45.8 | ND – 64.2 | 2023 |

*Contaminant is regulated by a secondary standard

2023 Irvine Ranch Water District Distribution System Water Quality

| Disinfection Byproducts | MCL (MRDL/MRDLG) | Average Amount | Range of Detections | MCL Violation? | Typical Source of Contaminant |
|-------------------------------|---------------------|-------------------|------------------------|-------------------|--|
| Total Trihalomethanes (ppb) | 80 | 30.2*** | 11.4 – 57.7 | No | Byproducts of Chlorine Disinfection |
| Haloacetic Acids (five) (ppb) | 60 | 19.0*** | 6.2 – 42.8 | No | Byproducts of Chlorine Disinfection |
| Chlorine Residual (ppm) | (4.0 / 4) | 1.7 | ND – 4.8 | No | Disinfectant Added for Treatment |
| Aesthetic Quality | | | | | |
| Color (color units) | 15* | <3 | ND – 7 | No | Erosion of Natural Deposits |
| Turbidity (NTU) | 5* | 0.12 | ND – 15 | No | Erosion of Natural Deposits |
| Odor (threshold odor number) | 3* | <1 | ND – 3 | No | Erosion of Natural Deposits |
| Other | | | | | |
| Fluoride (mg/L) | 2 / 0.8** | 0.51 | 0.23 – 0.82 | No | Erosion of Natural Deposits, Water Treatment |

Twelve locations in the distribution system are tested quarterly for total trihalomethanes and haloacetic acids; 60 locations are tested monthly for color and odor, and weekly for chlorine residual and turbidity.

MRDL = Maximum Residual Disinfectant Level; MRDLG = Maximum Residual Disinfectant Level Goal

*Contaminant is regulated by a secondary standard

**MCL/Optimum Level for our climate

***Highest running annual average at any individual sample location.

Lead and Copper Action Levels at Residential Taps

| | Action Level (AL) | Public Health Goal (PHG) | 90 th Percentile Value | Sites Exceeding AL / Number of Sites | AL Violation | Typical Source of Contaminant |
|--------------|----------------------|-----------------------------|--------------------------------------|---|-----------------|----------------------------------|
| Copper (ppm) | 1.3 | 0.3 | 0.1908 | 0 / 72 | No | Corrosion of Household Plumbing |
| Lead (ppb) | 15 | 0.2 | <5 | 0 / 72 | No | Corrosion of Household Plumbing |

The most recent lead and copper at-the-tap samples were collected from 72 residences in 2022.

Lead was detected in 0 homes and copper was detected in 26 homes, but none of the samples for lead and copper exceeded the respective regulatory Action Level (AL).

A regulatory Action Level is the concentration of a contaminant which, if exceeded in more than 10% of samples, triggers treatment or other requirements that a water system must follow.

Unregulated Chemicals Requiring Monitoring in the Distribution System

| Chemical | Notification Level | PHG (MCLG) | Average Local and Imported | Range of Detections | Most Recent Sampling Date |
|--------------------------------|--------------------|------------|----------------------------|---------------------|---------------------------|
| Germanium, Total (ppb) | n/a | n/a | 0.82 | ND – 1.1 | 2020 |
| Manganese, Total (ppb) | MCL = 50* | n/a | 1.6 | 0.8 – 2.2 | 2020 |
| Bromochloroacetic Acid (ppb) | n/a | n/a | 3.9 | 1.5 – 13 | 2019 |
| Bromodichloroacetic Acid (ppb) | n/a | n/a | 1.3 | 0.6 – 3.8 | 2019 |
| Chlorodibromoacetic Acid (ppb) | n/a | n/a | 1.0 | 0.4 – 2.5 | 2019 |
| Dibromoacetic Acid (ppb) | n/a | n/a | 2.5 | 0.9 – 7.0 | 2019 |
| Dichloroacetic Acid (ppb) | n/a | (0) | 4.9 | 1.7 – 25 | 2019 |
| Monobromoacetic Acid (ppb) | n/a | n/a | 0.3 | ND – 1.2 | 2019 |
| Monochloroacetic Acid (ppb) | n/a | (70) | 0.2 | ND – 3.8 | 2019 |
| Trichloroacetic Acid (ppb) | n/a | (20) | 1.3 | ND – 10 | 2019 |

*Contaminant is regulated by a secondary standard

Chart legend

What are water quality standards?

Drinking water standards established by U.S. EPA and DDW set limits for substances that may affect consumer health or aesthetic qualities of drinking water. The chart in this report shows the following types of water quality standards:

- **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.
- **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.
- **Secondary MCLs** are set to protect the odor, taste, and appearance of drinking water.
- **Primary Drinking Water Standard:** MCLs for contaminants that affect health along with their monitoring and reporting requirements and water treatment requirements.
- **Regulatory Action Level (AL):** The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements that a water system must follow.

What is a water quality goal?

In addition to mandatory water quality standards, U.S. EPA and DDW have set voluntary water quality goals for some contaminants. Water quality goals are often set at such low levels that they are not achievable in practice and are not directly measurable. Nevertheless, these goals provide useful guideposts and direction for water management practices. The chart in this report includes three types of water quality goals:

- **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 U.S. EPA.
- **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.
- **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.

How are contaminants measured?

Water is sampled and tested throughout the year. Contaminants are measured in:

- Parts per million (ppm) or milligrams per liter (mg/L)
- Parts per billion (ppb) or micrograms per liter (µg/L)
- Parts per trillion (ppt) or nanograms per liter (ng/L)

Source water assessments

Imported (MWD) water assessment

Every five years, MWD is required by DDW to examine possible sources of drinking water contamination in its State Water Project and Colorado River source waters.

The most recent surveys for MWD's source waters are the Colorado River Watershed Sanitary Survey – 2020 update, and the State Water Project Watershed Sanitary Survey – 2021 update. Both source waters are exposed to stormwater runoff, recreational activities, wastewater discharges, wildlife, fires, and other watershed-related factors that could affect water quality.

Water from the Colorado River is considered to be most vulnerable to contamination from recreation, urban/stormwater runoff, increasing urbanization in the watershed, and wastewater. Water supplies from Northern California's State Water Project are most vulnerable to contamination from urban/stormwater runoff, wildlife, agriculture, recreation, and wastewater.

U.S. EPA also requires MWD to complete one Source Water Assessment that uses information collected in the watershed sanitary surveys. MWD completed its SWA in December 2002. The SWA is used to evaluate the vulnerability of water sources to contamination and helps determine whether more protective measures are needed.

A copy of the most recent summary of either Watershed Sanitary Survey or the SWA can be obtained by calling MWD at 800-CALL-MWD (800-225-5693).



(IRWD) Baker Water Treatment Plant water assessment

The Baker Water Treatment Plant receives untreated surface water from MWD (see MWD water assessment above) and untreated surface water from Santiago Reservoir, also known as Irvine Lake. The surface water assessment of Santiago Reservoir is provided by Serrano Water District, which also uses source water from Santiago Reservoir.

The most recent sanitary survey for Santiago Reservoir was updated in 2019. Water supplies from Santiago Reservoir are most vulnerable to septic systems and wildfires. The Source Water Assessment for Santiago Reservoir was completed in April 2001. The assessment was conducted for the Serrano Water District by Boyle Engineering Corporation with assistance from the Serrano Water District staff.

A copy of the complete assessment may be viewed at the IRWD Water Quality Department, 3512 Michelson Drive, Irvine. You may request a summary of the assessment by writing to District Secretary, Irvine Ranch Water District, 15600 Sand Canyon Avenue, Irvine, California 92618.

Groundwater assessment

An assessment of the groundwater sources in the Lake Forest service area of IRWD was completed in December 2002. This groundwater is considered most vulnerable to contamination from dry cleaners and sewer collection systems.

An assessment of the groundwater sources in the Dyer Road Well Field was completed in July 2003. This

groundwater is considered most vulnerable to contamination from gas stations, historic gas stations, metal plating/finishing/fabrication facilities, military installations and plastics/synthetics producers.

An assessment of the groundwater sources in the Wells 21-22 Desalter Project was completed in May 2009. This groundwater is considered most vulnerable to contamination from sewer collection systems,

automobiles (gas stations), historic gas stations and underground storage tanks (confirmed leaking tanks).

An assessment of the groundwater sources in the Irvine Desalter Project was completed in March 2006. This groundwater is considered most vulnerable to contamination from crop irrigation and fertilizers.

An assessment of the groundwater source in the Orange Park Acres service area of IRWD was completed in March 2003. This groundwater is considered most vulnerable to contamination from sewer collection systems.

An assessment of the groundwater in the Santiago Canyon service area of IRWD was completed in January 2003. There have been no contaminants detected in the water supply, however the source is still considered vulnerable to contamination from historical mining operations.

Copies of the complete assessments may be viewed at the IRWD Water Quality Department, 3512 Michelson Drive, Irvine. You may request a summary of the assessments by writing to District Secretary, Irvine Ranch Water District, 15600 Sand Canyon Avenue, Irvine, California 92618.



**Irvine Ranch
Water District**

Whether it's dry or rainy, it's always good policy to use water wisely.

Start outdoors

Your yard can be the biggest source of water waste — and offers the greatest opportunity to be more water-efficient. For lots of ideas, visit IRWD.com/savewater. Or (if you are viewing a digital copy of this report) click the links below.



Landscape:

- Beautify your yard with water-wise plants
- Read *The Dirt*, IRWD's quarterly gardening newsletter
- Watch The Shed Show



Irrigation:

- Types of systems
- Money-saving rebates
- Watering guide



Design:

- Check out our helpful tips for landscape design
- Plant a sustainable garden
- Hydrozone



Planting tips:

- Events and classes
- Healthy soil
- Benefits of mulch

Get water-saving tips customized for your home

Take the guesswork out of saving water with the IRWD WaterInsight Program. Register for free at IRWD.waterinsight.com and receive water savings recommendations specific to your household.

Spot a leak? Log-a-Leak!

Help us get unidentified leaks in the community fixed, at [IRWD.com/logaleak](https://www.irwd.com/logaleak).

pipelines

JUNE 2024



Irvine Ranch
Water District

Butterfly weed

Drink up! Read our 2024 Water Quality Report

The water Irvine Ranch Water District delivers to your tap is safe—meeting or exceeding all the standards required to protect public health.

Everything we do is aimed at providing our customers safe and clean water, day in and day out. We continuously monitor the supply, conducting more than a quarter of a million laboratory tests annually on water taken from more than one hundred routine sample points.

Each year, we publish an annual Water Quality Report that details the results of our lab testing for regulated chemicals such as radiologicals and inorganic chemicals, and unregulated substances such as alkalinity, sodium, and hardness. Substances not detected in any of our water sources are not included in the table.

IRWD also tests the aesthetic quality of the water, including color, turbidity and odor.

Visit [IRWD.com/quality](https://www.irwd.com/quality) to view this year's report, review Frequently Asked Questions, and access other helpful resources.



Save the date

Landscape design

Saturday, July 13
9 a.m. – 11:30 a.m.

Get ideas from several landscape design experts on how to transform your yard into a beautiful oasis.

IRWD's new Dream-Design Your Yard workshop will provide tips and inspiration to help you get started.

Sign-up required:
[IRWD.com/events](https://www.irwd.com/events)

IRWD honors young water scientists

IRWD recently recognized students representing the top water-related projects from this year's 43rd annual Irvine Unified School District Science Fair. Their innovative research ranged from improved distillation with a Fresnel lens, to applying the Horton Infiltration Model through an arroyo's stream course.

For more information about the students' projects, go to [IRWD.com/liquidnews](https://www.irwd.com/liquidnews).



- **Joy Yan-Li, Anchit Sinha and Neil Sundaray** (Deerfield Elementary School)
- **Joshua Malar** (Jeffrey Trail Middle School)
- **Sharvil Buradkar** (Lakeside Middle School)
- **Colette Oentojo and Yunwoo (Ellie) Song** (Portola Springs Elementary School)
- **Madison Price** (Rancho San Joaquin Middle School)
- **Alexis Wong** (Sierra Vista Middle School)
- **Justin Pollack** (University High School)
- **Sharanya Rao** (Venado Middle School)



15600 Sand Canyon Ave.
Irvine, CA 92618
IRWD.com

Account Number:
Meter Number:
Service Address:
Service City:
Service Type:

CALVIN TINT

1455120000
51119931
10 Soho
Irvine
Potable Residential Water

Billing Inquiries

Monday - Friday / 8am to 5pm
949-453-5300 or
customerservice@IRWD.com

Report an Emergency 24/7

949-453-5300

Account Summary

| | |
|---------------------|---------------|
| Date Bill Prepared: | June 10, 2024 |
| Previous Amount: | \$58.43 |
| Payments Received: | -\$58.43 |
| Adjustments: | \$0.00 |
| Balance Forward: | \$0.00 |
| Current Charges: | \$58.43 |

Total Amount Due by Jul 01, 2024 \$58.43

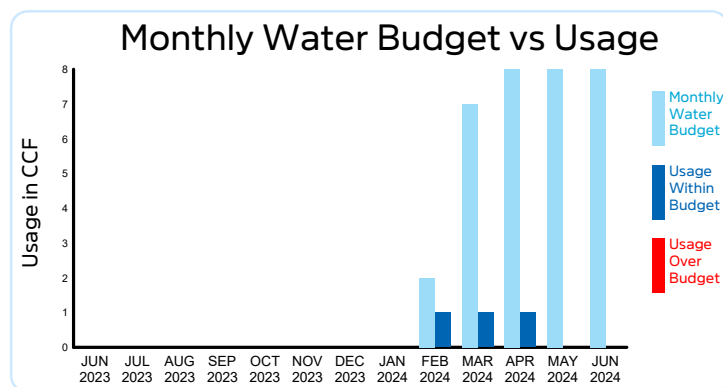
Your next bill will be prepared on or about July 08, 2024
See page 3 for additional billing details. See page 4 for adjustment details (if applicable).

Your Water Usage

Your Water Usage for this Billing Period:
Your Water Budget for this Billing Period:
(See page 3 for details)

0 CCF
8 CCF

CCF is the basic measurement of water use. One CCF equals
100 cubic feet of water, or approximately 748 gallons.



2024 Water Quality Report

IRWD's new 2024 Water Quality Report is now available - providing information on how we ensure your drinking water is safe and clean, day in and day out. Find it online at IRWD.com/2024report. To request a printed copy, email info@IRWD.com or call 949-453-5500.

Reduce waste. Go paperless!

Still saving old billing statements in a dusty pile at home? With online billing, your statements go directly to your email. The online portal stores them automatically for easy reference, along with helpful tips on your water use trends. Log in at IRWD.com/billpay and give it a try! Be sure to select the "paperless" option to stop receiving your bill in the mail.

Get WaterInsight

Are you savvy about your water use? IRWD's WaterInsight Program lets you view your water history, get money-saving recommendations, and receive timely water usage alerts. Sign up today at IRWD.waterinsight.com.



15600 Sand Canyon Ave.
Irvine, CA 92618
IRWD.com

Please return this payment stub along with your payment.

Account Number: 1455120000
Amount Due by Jul 01, 2024 \$58.43

Amount Enclosed

\$

Please write your account number on your check, and make payable to IRWD.
To pay using our automated system, call 888-288-0141.
For more payment options, visit IRWD.com

IRW0611B 7000006502 00.0010.0181 2168/1



CALVIN TINT
12 LEE ST
IRVINE CA 92620-6201



IRVINE RANCH WATER DISTRICT
P.O. BOX 51403
LOS ANGELES, CA 90051-5703

1455120000 000005843 0

BE IN THE KNOW.

The IRWD 2024 Water Quality Report is now available at [IRWD.com/2024report](https://www.irwd.com/2024report).



*Finding out
what's in
IRWD water is
as transparent
as water itself.*

To request a printed copy, tenants can email info@IRWD.com with the subject line "Water Quality Report" or call **949-453-5500**.



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The 2024 Water Quality Report is now available. Learn about the measures Irvine Ranch Water District takes to ensure safe, reliable, quality drinking water. Simply visit [IRWD.com/2024report](https://www.irwd.com/2024report).

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IRWD WATER AT A GLANCE

- Meets or exceeds all state and federal water quality standards
- Over 100,000 water quality analytical results are reported annually
- More than 100 sample points throughout the District



SO YOUR TENANTS ARE IN THE KNOW.

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The 2024 Water Quality Report is now available. It explains the measures Irvine Ranch Water District takes to ensure safe, reliable, quality drinking water. Please inform your tenants that they can read the report at [IRWD.com/2024report](https://www.irwd.com/2024report).

To request a printed copy, they can email [info@IRWD.com](mailto:info@irwd.com) with the subject line "Water Quality Report" or call **949-453-5500**.

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WATER QUALITY REPORT NOW AVAILABLE

Be in the know.

Finding out what's in your water is as transparent as water itself.



2024 WATER QUALITY REPORT



Read the IRWD Water Quality Report

The 2024 Water Quality Report is now available. Learn about the measures Irvine Ranch Water District takes to ensure safe, reliable, quality drinking water. Simply visit [IRWD.com/2024report](https://www.irwd.com/2024report).

To request a printed copy, email info@irwd.com with the subject line "Water Quality Report" or call 949-453-5500.

HILLS HAPPENINGS

Church fundraiser will benefit local Ronald McDonald House

The Evangelism Board of Hephatha Lutheran Church is hosting a luncheon/fundraiser at 11:30 a.m. June 22 in the church's Fellowship Hall benefiting the Ronald McDonald House in Orange. It's open to all adults in the community.

This special event features lunch served by the men of the congregation and an opportunity to participate in a raffle for a chance to win one of 25 exciting gift baskets. The day also features a special guest speaker and representative from the Ronald McDonald House.

The cost to attend is \$10

per person and all proceeds benefit the Ronald McDonald House family rooms expansion project. The Ronald McDonald House in Orange provides housing for parents of seriously ill children during their treatment at nearby Children's Hospital of Orange County.

Those interested in attending the luncheon should contact the church office at 714-637-0887 to reserve a seat.

Rotary Club helping with housing project

Members of the Rotary Club of Orange presented a \$60,000 check to Gina Cunningham, the executive director of HomeAid Orange County, during a recent club meeting.

The funds will help

HomeAid Orange County with its La Veta Village renovation project of three historic homes, which includes construction of three accessory dwelling units added to the property. The six homes will provide affordable housing for families, seniors and youth creating safe, dignified housing units for low-income households within this newly created inter-generational community.

The New Home Co. and Landsea Homes have partnered with HomeAid Orange County to complete renovation and construction for this project. The mission of HomeAid Orange County is to develop housing projects for people experiencing, or those at risk of, homelessness by work-

ing together with non-profit service providers and local government. There have been 72 housing projects developed thus far.

The Rotary Club of Orange is celebrating its 103rd anniversary this year. Jim Gilmore is current club president. Go to the club's website orange-rotary.org for more information.

Score deals, help the library

A flash book sale is planned by the Friends of the Canyon Hills Library for 10 a.m. until 4 p.m. Tuesday and Wednesday in the branch Multipurpose Room.

The sale will include a variety of books, puzzles, DVDs as well as unique boutique items. A \$2 Bag

of Books opportunity is available at the end of the sale Wednesday.

Also, Friends of Canyon Hills Library will host its very first yard sale beginning at 9 a.m. June 29, and is offering an opportunity for the community to donate any unwanted items such as household, small appliances, home and yard decor, toys, etc. for the sale; however, no clothing.

Those wishing to donate to the sale should price items and bring them to the Canyon Hills Library branch beginning at 11 a.m. June 27-28. Members of the Friends group will be available to receive them.

Remember, this is a great way to rid your home/garage of items no longer needed or wanted and help raise money for

the various programs and services the Friends have provided such as children's summer reading programs, cultural programs, books and refreshments for monthly Talk & Treats Adult Book Club as well as purchasing PC workstations for children's area.

For more information, call the library at 714-765-6444.

Bible school

Registration is still open for the Vacation Bible School being hosted by the Children's Ministry of Canyon Hills Presbyterian Church from 9 a.m. to noon July 8 through July 12 in the church Fellowship Hall.

VBS is open to all kids in the community ages 4 through the sixth grade, and many fun activities are planned for the "scuba" themed event such as Bible stories, crafts, games and much more. The cost to attend is \$30 per family. For more information or to register, go to canyon-hillspc.org.

Sharon Hlapcich writes about events and happenings in the Anaheim Hills area. Reach her by phone (714-998-4604) or email (smhlapcich@sbcglobal.net).

BE IN THE KNOW.

The IRWD 2024 Water Quality Report is now available at [IRWD.com/2024report](https://www.irwd.com/2024report)

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COSTA MESA

Polish off this 2-pound cinnamon roll in 20 minutes and you'll win a prize

Plums Cafe says its novelty pastry has been a huge success

By Brock Keeling
bkeeling@scng.com

This is big. From Pulp Juice Bar's gallon-sized boba bag to El Tepeyac's 6-pound honker of a burrito, oversized dishes make for a thrilling moment at the table. Not only do they provide choice fodder for social media, racking up likes and hearts for dopamine-starved diners, the impressive dishes help restaurants gain more customers. One of the most impressive specimens is a 2-pound cinnamon roll found at Costa Mesa's Plums Cafe.

The inspiration for the sugar-and-spice leviathan came during a trip to Sedona, Arizona.

"My wife and I were on vacation in Sedona last year and went to a place called Red Rock Cafe, where they had a 3-pound cinnamon roll called Three Pounds of Happiness," said Tim Campbell, owner of Plums Cafe. "We were there on a Wednesday and it was flying out the door."

After returning home, Miller got to work with his chef to create their own version. The smaller yet by no means less impressive, 2-pound cinnamon roll is made from scratch and baked in a springform pan to maintain its characteristic circular shape.

During my recent visit to the 32-year-old eatery, the 2-pounder came to the table warm, laced with plenty of in-house icing and packed with cinnamon. As a lifelong cinnamon roll proselytizer, I was pleased with the



BROCK KEELING — STAFF

Behold the 2-pound, \$20 cinnamon roll at Plums Cafe in Costa Mesa.

spice-forward ratio of cinnamon to sugar. Though the mighty roll is enough to feed at least four, its expansiveness also allows more than one or two bites of what is widely considered the best part of the pastry, its plush center.

And, mercifully, Plums Cafe does not desecrate its megaroll with raisins or, more egregious, chopped walnuts.

Plums Cafe also offers diners a free T-shirt (reading "Cinnamon challenges at Plums — I ate the whole thing") if they can consume the behemoth in 20 minutes or less. Under the watchful eye of the restaurant manager, guests can take part in the time challenge, as one famous competitive eater did in 2023.

The pastry didn't truly

gain mainstream traction until Raina Huang, who has made a name for herself for eating mass quantities of new and intriguing foods for her scores of followers, consumed the pastry in only three minutes and 20 seconds. Her video of the challenge has since amassed more than 36,000 views on YouTube and millions more on her Instagram and TikTok platforms.

Ever since, Campbell said, Plums Cafe now sells around 10 of its megarolls per day, but few emerge victorious from the 20-minute challenge. "Very few win — but usually younger high school kids do when they try," said Campbell, who also owns Cappy's Cafe in Newport Beach.

The cinnamon roll can be found on Plums Cafe's

secret menu (which also includes a matcha latte, sweet potato hash and a loaded patty melt) and costs \$20. Not a bad price for a dish that's the size of a snacking cake.

Before social media, Guinness World Records celebrated a similar but much larger culinary feat: La Costeña, a Mexican grocery store in Mountain View, made headlines after completing a 3,500-foot, 12,785-pound burrito in 1997. But now such notoriety is easier to achieve, thanks to myriad social media platforms that allow nearly any restaurant or diner to boast about jumbo fare.

With one as comforting and thoughtfully prepared as Plums Cafe's cinnamon roll, let's hope we see more of these beautiful beasts.

TUSTIN

OC Animal Care lets potential adopters test-drive a pooch

By Destiny Torres
dtorres@scng.com

In an effort to get more dogs into loving homes, O.C. Animal Care has launched a pilot Foster-to-Adopt program, allowing individuals or families to choose a dog from a select group to take home for two weeks before deciding to officially adopt.

This way, the fosters will know with complete certainty, officials said, if they are compatible with the pup they've taken home.

Monica Schmidt, director of O.C. Animal Care, said folks interested in taking advantage of the program will be able to see the dogs available for fostering during visiting hours at the shelter in Tustin, or they can set up an appointment for one-on-one time with a candidate. Soon, she said, folks will also be able to see which dogs qualify for the program on the shelter's website.

"If they identify a candidate that they're interested in, they would check in at the front desk, ask for a meet-and-greet visit, which is where a kennel attendant will take that dog out to a play yard to visit one-on-one with the family to make sure it's a good fit, not just for the family, but also for the dog," Schmidt said. "If maybe they're on the fence, this would give them the opportunity to talk to the kennel attendant about Foster-to-Adopt."

"They would just fill out, essentially, a Foster-to-Adopt agreement and be able to take that dog home the same day," she said.

The 60 dogs available were chosen for the program by shelter staff and vary in age, size and breed. They are vaccinated, spayed or neutered and on a dewormer and flea preventive.

O.C. Animal Care staffers on what's called the foster team will regularly check in throughout the two weeks to see how the fostering is going, as well as provide information on getting the dog settled in at home, basic training tips, information on how to create a walking schedule and more responsible pet ownership tips. At the end of the two weeks, Schmidt said, the foster family can choose to continue with the adoption process or, if it doesn't work out, the family will be asked to fill out an information packet to give more insight into what that dog is like in a home, making it less stressful for people considering adoption to take a dog home. "We really want to focus on breaking down barriers, making it less stressful for people considering adoption to take a dog home. We know that adopting is a really big commitment, and we want people to feel comfortable taking a dog home," Schmidt said.

"No pressure if it's not the right fit," she added. "It still gave that dog a two-week vacation from the shelter, and it gives us really important info to help find them the right family."

"It also will help us get to know that family a little better, what they're looking for and potentially help them find a new dog to foster to adopt as well."

To choose a dog to foster, visit O.C. Animal Care during public viewing hours from 2 to 5 p.m. daily. Dogs available for fostering will have a Foster-to-Adopt kennel tag.

Meet-and-greet visit is required. Go to ocpetinfo.com for more information.

MOVING? DOWNSIZING? SHORT ON SPACE?



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Bravo!

Laguna police captain completes FBI course

Laguna Beach police Capt. David Dereszynski has graduated as a member of the 289th session of the FBI National Academy. He is the eighth officer in the department's history to complete this prestigious program. Nationally, less than 1% of police officers have the opportunity to attend the program.

The 289th session of the academy consisted of 197 men and women from 47 states and the District of Columbia.

The graduating class included members of law enforcement agencies from 23 countries, four military organizations and several civilian organizations.

"Capt. Dereszynski's successful completion of the FBI National Academy represents a significant milestone in his career and is a testament to his dedication to excellence in law enforcement," said Laguna Beach Police Chief Jeff Calvert.

Internationally known for its academic excellence and considered "The World's Strongest Law Enforcement Leadership Network," the FBI National Academy offers 10 weeks of advanced communication, leadership and fitness training.

Participants must have proven records as professionals within their agencies to attend.

On average, these officers have 21 years of law enforcement experience and usually return to their agencies to serve in executive-level positions.

OC students shine in video competition

Teens from Irvine and Anaheim placed highly in C-Span's 20th annual Stu-



dentCam competition. Elaine Cho, Ethan Kwong and Pavlo Ilin, students at Arnold O. Beckman High School in Irvine, will receive \$750 as third-prize winners for the documentary "Saving the American Dream: Effectively Addressing the Housing Crisis."

Denise Rojas, Noelani Kobayashi and Jenisa Medina, students at Western High School in Anaheim, will receive \$250 as honorable-mention prize winners for the documentary "The Ethics of AI."

C-Span, in cooperation with its cable television partners, asked middle and high school students to address the theme "Looking Forward While Considering the Past." Now in its 20th year, this project-based learning experience gives students the opportunity to explore multiple perspectives on topics that are important to them.

More than 3,200 students participated, and C-Span received more than 1,600 entries from 42 states and Washington, D.C.

The most popular topics addressed were:

- Artificial intelligence, technology and social media (18%).
- Abortion, health care and mental health (17%).
- Climate, energy and land use, and pollution (13%).
- School safety, gun policy and criminal justice (11%).
- Economy, school funding and homelessness

(8%). Over two decades, C-Span has awarded more than \$1.5 million in prizes. Since 2004, more than 63,000 students and 20,000 teachers have participated in the competition.

StudentCam has encouraged young people to think critically about issues that are important to them and has empowered them with the tools they need to become informed, civically engaged citizens.

The winning videos can be viewed at studentcam.org.

The annual StudentCam competition is sponsored by the C-Span Education Foundation.

Irvine dedicates grove in honor of late leader

The city of Irvine dedicated a sycamore grove within the Bommer Canyon Preserve to the memory of former City Councilmember Mary Ann Gaido, whose vision and leadership were a driving force behind the city's purchase of thousands of acres of open space.

Gaido, who died in September after a battle with cancer, played a pivotal role in shaping Irvine. Under her leadership, the city had significant accomplishments, including the acquisition of 10,000 acres of open space in Bommer Canyon — the first open space owned by the city.

The purchase from the Irvine Co. helped pave

Irvine has dedicated a sycamore grove in the Bommer Canyon Preserve in memory of former City Councilmember Mary Ann Gaido, who led the effort to acquire the land for preservation. COURTESY OF CITY OF IRVINE

the way for the passage of the Irvine Open Space Initiative, which permanently protects thousands of acres as natural open spaces.

Gaido dedicated more than 50 years of service to Irvine. She was appointed to the Planning Commission shortly after Irvine's incorporation in 1971. She was a member of the city's first Transportation Planning Task Force from 1974 to 1976 and went on to serve two terms on the City Council, from 1976 to 1984.

She returned to the Planning Commission in the mid-1990s, serving on it for a total of 20 years. Gaido's legacy includes the approval of Irvine's first general plan, a comprehensive, long-range vision of the city's development and preservation, and the addition of more than 3,000 affordable housing units.

In 2023, she received the Ralph Kennedy Award in recognition of her tireless advocacy for increasing affordable housing in Orange County.

The sycamore grove, located within the Cattle Camp at Bommer Canyon, is well established, with mature sycamore trees, many of which were planted in the 1960s.

The Cattle Camp is a hiking destination, picnic area and picturesque event rental facility for the community, as well as native habitat for plant and animal species.

— Submitted by



COURTESY OF C-SPAN

Arnold O. Beckman High School students Caroline Cho, Ethan Kwong and Pavlo Ilin, from left, placed third in C-Span's 20th annual StudentCam competition with their documentary "Saving the American Dream: Effectively Addressing the Housing Crisis."

the city of Irvine

Laguna Beach nonprofits get grants

Arts-related nonprofits in Laguna Beach are getting more than \$100,000 in grants.

The FOA Foundation awarded 19 organizations \$100,400 total in arts grants this year. The foundation helps fund the many art-related nonprofits in Laguna Beach, emphasizing those dedicated to education and local cultural enrichment.

"Laguna Beach owes much of its cultural richness to the tireless efforts of our local arts organizations," said Kathy Jones, president of the FOA Foundation.

"We applaud the dedication and passion of each organization for their invaluable contributions to the cultural fabric of Laguna Beach."

- The grant recipients:
- 3340 Recital Series.
 - Boys & Girls Club of Laguna Beach.
 - Festival of Arts.
 - Laguna Beach High School Band Boosters.
 - Laguna Beach High School ceramics department.
 - Laguna Beach Schools Performing Arts Boosters.
 - Laguna Beach Live

- Laguna Art Museum.
- Laguna Beach Seniors Inc.
- Laguna Community Concert Band.
- Laguna Dance Festival.

- Laguna Playhouse.
- Laguna Plain Air Painters Association.
- LagunaTunes Community Chorus.
- LOCA Inc.
- No Square Theatre.
- Sawdust Art Enrichment Fund.
- Third Street Writers.
- Thurston Middle School drama department.

The FOA Foundation, formally the Laguna Beach Festival of Arts Foundation, was established in 1989 to preserve and promote the fine arts and all other artistic endeavors in and about Laguna Beach.

Since its establishment, the foundation has awarded nearly \$3 million in grants to strengthen the city's arts, culture and creative expression.

— Submitted by

The FOA Foundation

The Bravo! section highlights achievements of our residents and groups. Send news of achievements for consideration to ocrbravo@gmail.com.

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GO+DO

BUENA PARK

Gather in the park to celebrate Juneteenth

Buena Park will host its first Juneteenth Celebration of Freedom next week.

The event from 6 to 9 p.m. Wednesday will be at Boissieranc Park and will feature Pastor Kenneth Curry of the Friendship Baptist Church in Yorba Linda as the featured guest speaker.

There will be entertainment from the Diamond Singers and Biscuits & Gravy Live. Community vendors will be sharing information on resources and programs, there will be an area for kids activities and food trucks will be offering dining options.

Those attending are encouraged to bring blankets or lawn chairs for seating during the entertainment. Along with food trucks, picnics also are allowed.

IF YOU GO

When: 6-9 p.m. Wednesday
Where: Boissieranc Park, 7520 Dale St., Buena Park
Cost: Free
Information: BuenaPark.com

FULLERTON

Watch a movie under the stars as part of series

See "The Little Rascals" on the big screen.

On a really big screen with a park as your theater.

Friday is the second installment of the Sunset Cinema series, a touring outdoor movie event offered by O.C. Parks. It is screening the 1994 version of the kid's movie.

The family-friendly event begins at 6 p.m. with character interactions, DJ-led games and more.

The screening is set to start at sunset, around 8 p.m. There will be food and drinks available for purchase.

IF YOU GO

When: 6 p.m. Friday
Where: Craig Regional Park, 3300 N. State College Blvd., Fullerton
Cost: Free
Information: ocparks.com

FOUNTAIN VALLEY



PHOTO BY DREW A. KELLEY

SummerFest returns for four days starting today in Fountain Valley with thrills, chills and lots of fun.

SummerFest begins today

Fountain Valley's big summertime celebration kicks off tonight.

SummerFest will take over the Fountain Valley Sports Park, with carnival rides and games, concerts, lots to eat and drink, shopping areas and more. There will be nearly two dozen carnival rides to choose from.

The fun continues throughout the weekend, and on Friday and Saturday nights there will

be a free drone show lighting up the sky above the park.

Tonight's entertainment will feature an Elton John tribute concert. On Friday night, it's a Carrie Underwood tribute band. Saturday night will feature a Queen tribute band, and Sunday night the Tijuana Dogs perform. Throughout the weekend, local community groups and artists also will perform.

— Magda Liszewska

IF YOU GO

When: 5-10 p.m. today, 5-11 p.m. Friday, 2-11 p.m. Saturday and noon-8 p.m. Sunday
Where: Fountain Valley Sports Park, 16400 Brookhurst St.
Cost: General admission is \$5; today is \$2 carnival ride night; unlimited ride wristbands cost \$43
Information: summerfestv.com



PHOTO BY PAUL RODRIGUEZ

The Orange County Heritage Council moves its Juneteenth celebration to Anaheim this year.

ANAHEIM

Juneteenth celebrating 'unity and equality'

The Orange County Heritage Council is moving its Juneteenth celebration to Anaheim this year.

A festival will be hosted Saturday at Person Park in its amphitheater with music and culture representing Orange County's Black community. The day is also about learning "the importance of maintaining unity and equality for everyone," or-

ganizers said.

Themed "Freedom is not Free," the festival is an early celebration of June 19, when in 1865 word of the end of the Civil War and the emancipation of slaves in the United States reached the Gulf Coast of Texas, prompting a celebration that grew over the decades in Black communities.

IF YOU GO

When: Noon-7 p.m. Saturday
Where: Pearson Park, 400 N. Harbor Blvd., Anaheim
Cost: Free
Information: oc-hc.org



TASTE OF JAPAN

The Taste of Japan Festival, which features Japanese-inspired food, drinks, music and culture, returns to Anaheim STC Gardenwalk.

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