

APPENDIX B: eCCR 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 _____ (date) 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: 08/12/2025
Phone number: 949-453-5344	

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 (**8 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/waterqualityreport
 - ☒ Mailing the CCR to postal patrons within the service area (Mailed to customers in zip codes **92604, 91202, 92606, 92612, 92620, 92630** upon request)
 - ☒ Advertising the availability of the CCR in news media (**See samples section page 15**)
 - ☐ 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, Instagram, and Nextdoor**)
- ☒ Other: **CCR availability with link to the online report was promoted in IRWD's June 2025 *Pipelines* customer newsletter, June 2025 and July 2025 billing messages and June 2025 and July 2025 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/waterqualityreport
- ☐ *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 (attach a copy of the mailed CCR notification). URL: www.IRWD.com/waterqualityreport
- ☒ 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 samples section page 16**). URL: www.IRWD.com/waterqualityreport
- ☐ 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.

The 2025 IRWD Water Quality Report (aka CCR) was available June 1, 2025 as a printable PDF at www.IRWD.com/waterqualityreport. A print article in June 2025 Pipelines customer newsletter directing readers to the IRWD CCR at: IRWD.com/waterquality accompanied the June water bills mailed to approximately 133,424 customers. (See samples section page 17 for the June 2025 Pipelines)
The first page of every June 2025 and July 2025 water bill (including both print and electric deliveries of these bills) also contained a separate written message which told customers where to find the 2025 CCR at www.IRWD.com/waterqualityreport. (See samples section pages 18 & 19)
IRWD also mailed 6,222 postcards to customers who receive electronic bills only, plus 9,798 postcards to landlords and/or property managers of tenants receiving water from IRWD. These postcards informed their recipients the 2025 CCR was available online at www.IRWD.com/waterqualityreport and informed them a printed CCR would be mailed upon request (See samples section pages 20-23). As of August 7th 2025, 8 printed 2025 CCR copies were mailed to customers by request.
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 2025 to 71,583 recipients informing these customers that the 2025 water quality report was available for viewing (See samples section page 16). As a result of this email blast, 29,027 customers opened the email, 2,941 clicked the link to open the current Water Quality Report, 1,164 emails bounced back, and 116 customers unsubscribed. The names and addresses of the 1,164 customers whose emails bounced back were subsequently added to the postcard mailing list, to help ensure these customers would receive a 2025 IRWD Water Quality Report notification.
For additional outreach, IRWD ran advertisements on June 13th in four local newspapers of general circulation to further publicize the link to the CCR to customers in IRWD's service area. (See samples section pages 24-27)
Social media posts on Facebook, Twitter, Instagram, and Nextdoor were published in June 2025 to further promote the availability of the CCR.
IRWD also recorded June and July 2025 "on-hold messages" promoting the availability of 2025 CCR to customers calling in.
<i>Please see the attached samples to review this year's Water Quality Report.</i>

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.

eCCR REPORTING

SAMPLES SECTION



2025 WATER QUALITY REPORT



Irvine Ranch
Water District

2025 Water Quality Report

Every year, Irvine Ranch Water District provides an annual Water Quality Report, sharing information on the safety and quality of its drinking water. We safeguard our water supply year-round to ensure that your drinking water is clean, tasty and high-quality.

Your water quality report at a glance

Drink up! In 2024, IRWD drinking water met or exceeded all state and federal standards. Highlights of the quality of your water include:

- Your drinking water is safe.
- IRWD service lines are lead-free.
- IRWD has one of the best-equipped water quality labs in Southern California.
- Data reflects more than 250,000 testing results reported annually.
- IRWD holds itself to the highest standard and tests its water for many more chemicals than required by the state and federal governments, including metals, pesticides and volatile organic compounds.

The U.S. Environmental Protection Agency (EPA), the State Water Resources Control Board and Division of Drinking Water (DDW) establish and enforce drinking water quality standards to ensure public health.

IRWD and its regional water suppliers (Orange County Water District and Metropolitan Water District of Southern California) frequently go beyond what is required by these federal and state regulatory agencies – monitoring your water from source to tap for regulated and unregulated elements.

The Irvine Ranch Water District 2025 Water Quality Report covers water quality test results and reporting from 2024.

*As in years past, we are proud to report that **your water passed every test and met or exceeded every quality standard.***



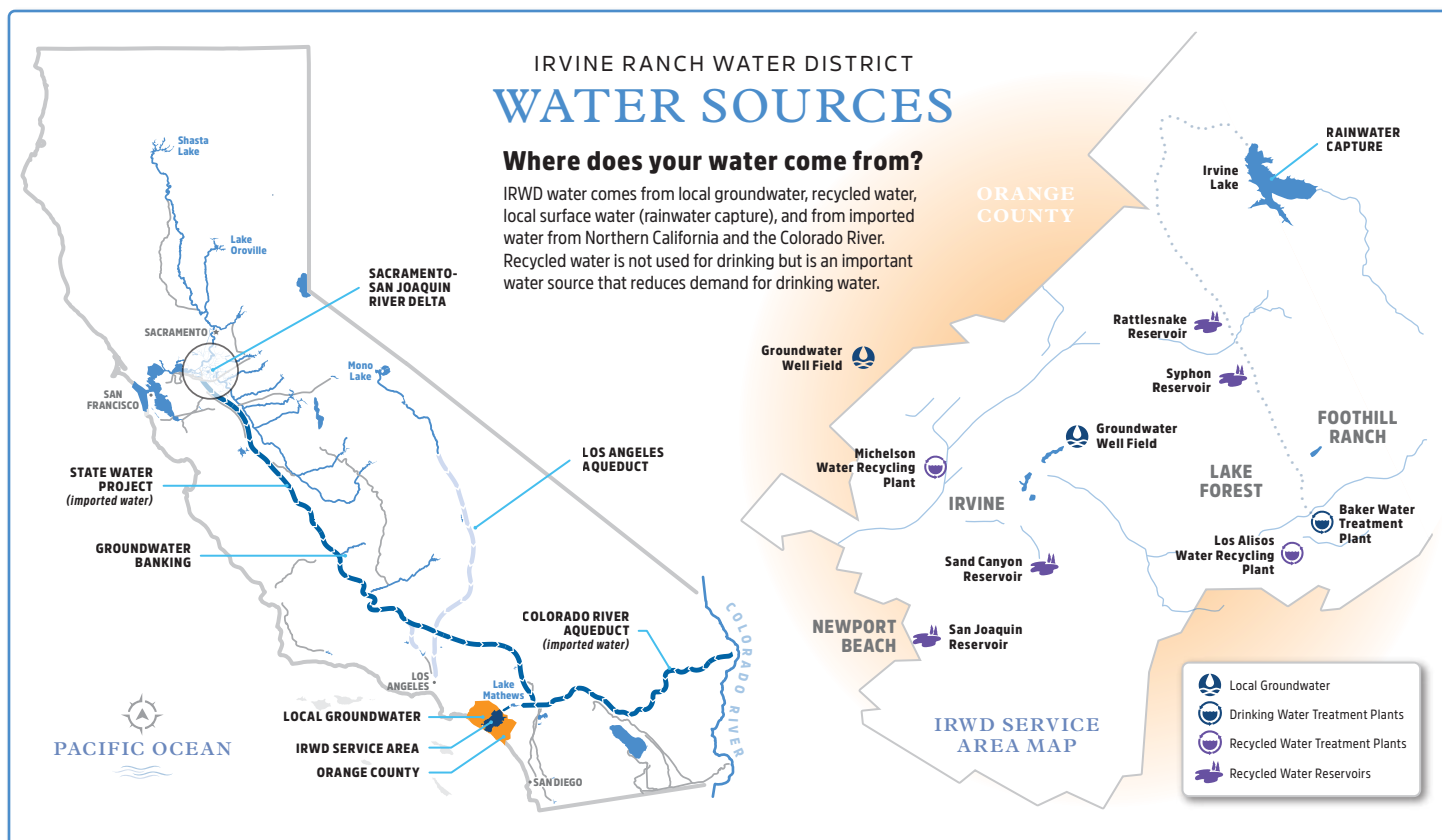
Questions about your water?

**Contact Customer Service
at 949-453-5300 or
CustomerService@IRWD.com.**

A copy of this report is available at **IRWD.com/quality**, where you'll also find information on IRWD's drinking water quality monitoring.

Go to **IRWD.com** for information on the District's water reliability, customer services and additional resources.

Providing safe, clean water — day in and day out



Diversity of supply

IRWD has carefully diversified its water supply and is not dependent upon only one source of water. Your drinking water is a blend of local groundwater, groundwater from the Orange County Groundwater Basin managed by the Orange County Water District (OCWD), and to a lesser degree surface water imported by Metropolitan Water District of Southern California (MWD), which comes from the State Water Project and the Colorado River Aqueduct. IRWD also has a local watershed that feeds rainwater to Irvine Lake, which IRWD uses as a surface water source. Local water sources keep the costs lower for our customers and significantly increases the overall reliability and resiliency of your water supply.



IRWD's Baker Water Treatment Plant in Lake Forest produces enough water to serve 63,300 homes and provides an additional source of reliable, high-quality drinking water.

In managing these various water sources, IRWD will sometimes switch water sources or blend them based on availability, treatment needs, time of the year, assisting other partner agencies and local geography.

Recycled water is another important water source. While not used for drinking, it significantly reduces demand for drinking water. IRWD has been recycling highly treated wastewater since 1967, and it's now used to irrigate landscaping, flush toilets in large commercial buildings and even used in some industrial equipment like cooling towers. Using recycled water for these

purposes is important because every gallon of recycled water saves a gallon of high-quality drinking water for you, our customers.

Water hardness and other aesthetics

Water hardness refers to naturally occurring mineral content, mostly calcium and magnesium, which are essential for health and found in all water sources. The white deposits sometimes left by hard water on fixtures or cookware can be removed with a simple vinegar solution, and hard water does not pose a threat to human health.

Because your water sources vary and are a blend of various sources of water including local groundwater, local surface water, and imported water, you may notice a difference in the taste or hardness (mineral content) of the water at different times of year. None of these factors affects the safety of your water. Having multiple sources of water is beneficial for IRWD customers.



Tap water vs. bottled water

Did you know the federal government does not require bottled water to be safer than tap water?

Tap water is regulated by the U.S. Environmental Protection Agency (EPA) under the Safe Drinking Water Act, while bottled water is regulated by the Food and Drug Administration (FDA). The EPA requires tap water to be tested more frequently than bottled water using state-certified laboratories. Public water systems are required to provide annual reports, and the EPA enforces regulations through frequent testing and inspections. The FDA does not require the same rigorous certified testing for the water it regulates.

What does all this mean?

The next time you need to quench your thirst, know that you can do so confidently and safely with IRWD tap water!

Commitment to scientific innovation

IRWD is proud to have a state-of-the-art and state-certified water quality laboratory — one of the best-equipped water labs in Southern California — right in Irvine on-site at IRWD's Operations Center. Our Water Quality staff continuously monitors the water supply, reporting more than a quarter of a million results each year.

- *IRWD's lab is accredited to 13 different fields of testing that include over 300 analytes. This allows IRWD's Water Quality team to turn around test results faster and more efficiently.*
- *On-site lab instrumentation can identify and measure substances in the low parts per trillion (ppt) range. This is akin to identifying one drop in 20 Olympic-sized swimming pools.*
- *Laboratory staff reported an estimated 270,000 test results annually.*

Key objectives of IRWD's laboratory are to produce high-quality, reliable data for regulatory monitoring and reporting, process control and research projects — meaning that every day, some of the brightest, most analytical minds are hard at work in our lab ensuring your drinking water is safe.



IRWD's Water Quality Laboratory is one of the best-equipped water laboratories in Southern California. The lab recently earned additional accreditation from the Environmental Laboratory Accreditation Program to test for PFAS, making IRWD one of the handful of laboratories in California to do so.

Understanding drinking water and water quality testing

The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals – and, in some cases, radioactive 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, that may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.*
- *Inorganic contaminants, such as salts and metals, that can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.*
- *Pesticides and herbicides that may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.*
- *Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application and septic systems.*
- *Radioactive contaminants that can be naturally occurring or the result of oil and gas production and mining activities.*

In order to ensure that tap water is safe to drink, the EPA and the State Water Resources Control Board (State Water Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

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

Immunocompromised people

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



U.S. EPA/Centers for Disease Control and Prevention (CDC) guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline at 800-426-4791.

Drinking water additives

Fluoride

IRWD's drinking water is a blend of local groundwater and surface water, including water imported by MWD. IRWD's local groundwater contains some naturally occurring fluoride, but we do not supplement with additional fluoride.

In 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.

For information on MWD's fluoride program, visit bit.ly/MWDfluoride. For information on the fluoridation of drinking water, contact the DDW or U.S. Centers for Disease Control and Prevention.



Disinfectants

Drinking water regulations require some form of chlorine to be used at water treatment plants and to be maintained throughout the entire distribution system to prevent harmful bacteria from making it to the customer's tap. IRWD uses chloramines to maintain a robust disinfectant for these purposes. Chloramines effectively inactivate harmful bacteria and are safe for consumption by humans (as well as our furry four-legged friends) at certain levels. Chloramines are monitored throughout the system, and we also watch for the presence of bacteria to be sure your drinking water is safe from end to end.

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 fishponds, tanks or aquariums should also make necessary adjustments in water quality treatment, as these disinfectants are toxic to fish. For more information or questions about chloramines, **visit IRWD.com or call 949-453-5300.**

Water quality and your health

Lead

IRWD has no lead pipes in its water-distribution system. IRWD also has no galvanized service lines requiring replacement. That good news was confirmed in a comprehensive 2024 inventory of the District's water lines. See the complete results at IRWD.com/nonlead.

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (formula-fed and breastfed) and young children. While the District's service lines are lead-free, lead in drinking water is primarily from materials in home plumbing. IRWD is responsible for providing high-quality drinking water and removing any lead pipes in its distribution system but cannot control materials in home plumbing. Because lead levels may vary over time, lead exposure is possible even when sampling results do not detect lead at one point in time.

You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter certified by an American National Standards Institute accredited certifier to reduce lead is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking and making baby formula.

Boiling water does not remove lead from water. Before using tap water for drinking, cooking or making baby formula, flush your pipes for several minutes by running your tap, taking a shower or doing laundry or dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period.

Contact info@IRWD.com if you are concerned about lead in water and have questions. Find information on testing methods and steps to minimize exposure at epa.gov/safewater/lead.

Nitrates

The drinking water IRWD supplies to its customers is below the maximum allowable levels for nitrates. Nitrate in drinking water at levels above 10 mg/L is a health risk for infants less than 6 months of age. Such nitrate levels in drinking water can interfere with the capacity of infants' blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of skin. Nitrate levels above 10 mg/L may affect the ability of 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, ask advice from a health care provider.

IRWD water quality results for 2024

How to read this Water Quality Report

This report lists results from drinking water quality assessments in 2024.

The following charts show drinking water quality results for all of last year. Data includes the range of detection, the typical sources of contaminants for a variety of regulated elements and how they compare to water quality standards. To provide our customers more insight, the tables include secondary standards that are for aesthetic qualities of the water, such as water hardness, pH, color, corrosivity and more.

The legend at right defines the acronyms, explains water quality standards and goals, and outlines how substances are measured.

Your water has been tested for many more chemicals than are listed in this report, including metals, pesticides and volatile organic compounds.

If you don't see something on the chart, don't worry. That does not mean we didn't test for it. Rather, if we test for a chemical and don't find it — or if its concentration is too low to be distinguishable — we don't list it.

For example, we tested for mercury. We didn't find it. So we didn't list it.

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 charts in this report show 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 guide posts and direction for water management practices. The charts 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)

2024 water quality results

Disinfection byproducts	MCL (MRDL/MRDLG)	Average amount	Range of detections	MCL violation?	Typical source of contaminant
Total Trihalomethanes (ppb)	80	24.1***	9.1 - 44.2	No	Byproducts of chlorine disinfection
Haloacetic Acids (five) (ppb)	60	10.0***	4.1 - 19.6	No	Byproducts of chlorine disinfection
Chlorine residual (ppm)	(4.0 / 4)	1.9	ND - 3.9	No	Disinfectant added for treatment
Aesthetic quality					
Color (color units)	15*	<3	ND - 4	No	Erosion of natural deposits
Turbidity (NTU)	5*	0.1	ND - 6.9	No	Erosion of natural deposits
Odor (threshold odor number)	3*	<1	ND - 4	No	Erosion of natural deposits
Other					
Fluoride (mg/L)	2/0.8**	0.54	0.18 - 0.80	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)	90th 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 zero 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

*Contaminant is regulated by a secondary standard.



Local and imported drinking water quality results

Chemical	MCL	PHG (MCLG)	Average local treated groundwater	Average local treated surface water	Average imported MWD	Range of detections	MCL violation?	Typical source of contaminant
Radiologicals – tested in 2024								
Alpha Radiation (pCi/L)	15	0	1.9	3.8	ND	ND - 3.8	No	Erosion of natural deposits
Beta Radiation (pCi/L)	50	0	NR	4.6	4.0	ND - 5.0	No	Decay of natural and man-made deposits
Uranium (pCi/L)	20	0.43	2.2	2.2	1.0	ND - 3.0	No	Erosion of natural deposits
Inorganic chemicals – tested in 2024								
Aluminum (ppm)	1	0.6	ND	ND	Highest RAA = 0.105	ND - 0.110	No	Treatment process residue, natural deposits
Arsenic (ppb)	10	0.004	2.00	<2	ND	ND - 3.04	No	Erosion of natural deposits
Barium (ppm)	1	2	<0.100	<0.100	0.124	ND - 0.134	No	Erosion of natural deposits
Bromate (ppb)	10	0.1	NR	NR	Highest RAA = ND	ND - 1.6	No	Byproduct of drinking water ozonation
Chlorine (ppm)	4.0	4.0	2.4	2.5	2.5	1.5 - 3.9	No	Drinking water disinfectant added for treatment
Hexavalent Chromium (ppb)	10	0.02	0.1	ND	ND	ND - 0.19	No	Erosion of natural deposits; industrial discharge
Fluoride (ppm) naturally-occurring	2	1	0.29	0.35	NR	ND - 0.83	No	Erosion of natural deposits; IRWD does not add Fluoride to its local treated groundwater and surface water
Fluoride (ppm) treatment-related	Control range 0.6 - 1.2 ppm Optimal level 0.7 ppm		NR	NR	0.7	0.6 - 0.8	No	Water additive for dental health
Nitrate (ppm as N)	10	10	2.3	ND	ND	ND - 4.3	No	Fertilizers, septic tanks
Nitrate+Nitrite (ppm as N)	10	10	2.3	ND	ND	ND - 4.3	No	Fertilizers, septic tanks
Secondary standards* – tested in 2024								
Aluminum (ppb)	200*	600	8.4	ND	Highest RAA = ND	ND - 110	No	Treatment process residue, natural deposits
Chloride (ppm)	500*	N/A	41.5	112	104	17.8 - 124	No	Leaching from natural deposits; seawater influence
Color (color units)	15*	N/A	<3	<3	2	ND - 8	No	Naturally-occurring organic substances
Odor (TON)	3*	N/A	1	2	1	ND - 6	No	Naturally-occurring organic materials
Specific Conductance (µmho/cm)	1,600*	N/A	490	1,065	979	358 - 1126	No	Ions in water; seawater influence
Sulfate (ppm)	500*	N/A	62.1	237	224	21.5 - 253	No	Runoff or leaching from natural deposits
Total Dissolved Solids (ppm)	1,000*	N/A	289	642	621	134 - 738	No	Runoff or leaching from natural deposits
Turbidity (NTU)	5*	N/A	<0.10	<0.10	ND	ND - 0.4	No	Erosion of natural deposits
Unregulated contaminants – tested in 2024								
Alkalinity, total (ppm as CaCO ₃)	Not regulated	N/A	101	124	114	70 - 233	N/A	Runoff or leaching from natural deposits
Bicarbonate (ppm as HCO ₃)	Not regulated	N/A	96.1	124	NR	70 - 144	N/A	Runoff or leaching from natural deposits
Boron (ppm)	NL = 1	N/A	0.16	0.14	0.14	ND - 0.25	N/A	Runoff or leaching from natural deposits
Bromide (ppm)	Not regulated	N/A	0.14	0.02	NR	0.02 - 0.29	N/A	Runoff or leaching from natural deposits
Calcium (ppm)	Not regulated	N/A	35.2	72.7	68.0	16.7 - 79.5	N/A	Runoff or leaching from natural deposits
Carbonate (ppm)	Not regulated	N/A	<0.6	<0.6	NR	<0.6 - 1.1	N/A	Runoff or leaching from natural deposits
Chlorate (ppb)	NL = 800	N/A	NR	NR	77.0	77.0	N/A	Byproduct of drinking water chlorination
Corrosivity (Aggressiveness)	Not regulated	N/A	12.1	12.2	12.5	11.0 - 12.9	N/A	Elemental balance in water
Corrosivity (Langlier Index)	Not regulated	N/A	0.33	0.41	0.62	(-)0.72 - 0.81	N/A	Elemental balance in water
Hardness, total (ppm as CaCO ₃)	Not regulated	N/A	128	295	270	53.9 - 321	N/A	Runoff or leaching from natural deposits
Hardness, total (grains/gal)	Not regulated	N/A	7.5	17.3	15.8	7.5 - 17.3	N/A	Runoff or leaching from natural deposits
Magnesium (ppm)	Not regulated	N/A	10.1	27.9	15.0	2.9 - 29.8	N/A	Runoff or leaching from natural deposits
Molybdenum (ppb)	Not regulated	N/A	7.9	5.4	NR	ND - 19.1	N/A	Drinking water treatment chemical for aesthetic quality
N-Nitrosodi-n-butylamine (NDBA) (ppt)	Not regulated	N/A	ND	NR	2.5	2.5	N/A	Byproducts of drinking water chloramination; industrial processes
Perfluorooctanoic acid (PFOA) (ppt)	NL = 5.1	0.007 (0)	1.5	ND	ND	ND - 2.4	No	Industrial chemical factory discharges; runoff/leaching from landfills; used in fire-retarding foams and various industrial processes
pH (pH units)	Not regulated	N/A	8.3	7.9	8.2	7.1 - 8.6	N/A	Acidity, hydrogen ions
Potassium (ppm)	Not regulated	N/A	1.3	5.9	4.9	0.65 - 21.2	N/A	Runoff or leaching from natural deposits
Sodium (ppm)	Not regulated	N/A	53.7	105	103	25.1 - 116	N/A	Runoff or leaching from natural deposits
Total Organic Carbon (ppm)	TT	N/A	0.4	1.9	2.4	0.37 - 2.5	TT	Various natural and man-made sources
Vanadium (ppb)	NL = 50	N/A	4.0	2.4	ND	ND - 6.3	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).

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	0.043	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	0.1 NTU	0.06	No	Soil run-off
2) Percentage of samples less than or equal to 0.3 NTU	100%	100%	No	Soil run-off

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	51.6	ND - 166	2020
Perfluorooctanoic Acid (PFOA) (ppt)	5.1	0.007	0.19	ND - 2.3	2020

*Contaminant is regulated by a secondary standard.

Source water assessments

Water sources are assessed regularly to examine potential pollutant sources in the area. This does not mean contaminants are actively being discharged into these water sources. Rather, these surveys are used to evaluate the vulnerability of water sources to contamination and determine what protective measures are needed.

Location/assessment	Date of assessment	Vulnerabilities assessed
IRWD Baker Water Treatment Plant water assessment		
Santiago Reservoir (Irvine Lake) Sanitary Survey	2019	Septic systems and wildfires
<i>See MWD Imported Water Assessment below for water received from MWD</i>		
IRWD groundwater assessment		
Lake Forest service area of IRWD	December 2022	Dry cleaners and sewer collection systems
Dyer Road Well Field	July 2023	Gas stations, historic gas stations, metal plating/finishing/fabrication facilities, military installations, and plastics/synthetics producers
Wells 21-22 Desalter	May 2009	Sewer collection systems, automobiles (gas stations), historic gas stations, and underground storage tanks (confirmed leaking tanks)
Irvine Desalter Project	March 2006	Crop irrigation and fertilizers
Orange Park Acres service area of IRWD	March 2003	Sewer collection systems
Santiago Canyon service area of IRWD	January 2003	Historical mining operations
MWD Imported Water Assessment		
Colorado River Watershed Sanitary Survey	2020	Recreation, urban/stormwater runoff, increasing urbanization in the watershed, and wastewater
Northern California's State Water Project Watershed Sanitary Survey	2021	Urban/stormwater runoff, wildlife, agriculture, recreation, and wastewater

You can request copies of the IRWD reports listed by writing to **IRWD, Attn: District Secretary, 15600 Sand Canyon Ave., Irvine, CA 92618.** To request copies of MWD reports, call **MWD at 800-225-5693.**

At-home water testing

At-home test kits provide generic, approximate detections of substances in water but do not offer the analytical chemistry testing levels necessary to determine the quality of the water sample. These test kits are not based on standardized methods and do not have any way to verify accuracy. Customers who have their home's water tested should contact a certified laboratory to ensure accurate results. Find a list at **IRWD.com/laboratories**. IRWD does not endorse specific laboratories for home testing.

The data presented in this report is analyzed and reported by California Environmental Laboratory Accreditation Program certified laboratories that follow extensive quality assurance and quality control programs and are managed by qualified, trained scientists. Water providers take on the responsibility of verifying water quality data, and that process is heavily regulated by state and federal agencies.



The data in this report draws from 270,000 analytics performed using one of the best equipped, state-certified water laboratories in Southern California.

Call IRWD at 949-453-5300 for any questions.

Stay in the know



IRWD social

Follow IRWD news and updates online.



IrvineRanchWaterDistrict



@IRWDnews



@IRWDnews



youtube.com/IrvineRanchWD

IRWD website

Visit **IRWD.com** for the latest news and information.

Board meetings

The IRWD Board of Directors meets the second and fourth Monday of each month at 5 p.m. at IRWD headquarters, 15600 Sand Canyon Ave., Irvine, CA 92618. Members of the public are welcome to attend.

NOTE OF IMPORTANCE

This report contains important information about your drinking water. Contact Irvine Ranch Water District at 15600 Sand Canyon Ave., Irvine, CA 92618, or 949-453-5500 for assistance in other languages.

Chinese (Simplified)

这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 Irvine Ranch Water District 以获得中文的帮助: 15600 Sand Canyon Ave., Irvine, CA 92618, 949-453-5500.

Chinese (Traditional)

這份報告含有關於您的飲用水的重要訊息。請用以下地址和電話聯繫 Irvine Ranch Water District 以獲得中文的幫助: 15600 Sand Canyon Ave., Irvine, CA 92618, 949-453-5500.

Korean

이 보고서는 당신의 식수에 관한 중요한 정보를 포함하고 있습니다. 한국어로 된 도움을 원하시면 Irvine Ranch Water District, 15600 Sand Canyon Ave., Irvine, CA 92618, 949-453-5500 로 문의 하시기 바랍니다.

Spanish

Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse Irvine Ranch Water District a 15600 Sand Canyon Ave., Irvine, CA 92618, o 949-453-5500 para asistirlo en español.

Arabic

برشلا هاي م لوح ةمهم تامولعم يلع ريرقتلا اذه يوتحي
Irvine Ranch Water District عم لصاوتلا يجرى، تامولعملا نم دي زم. ك. دي دل
15600 Sand Canyon Ave., Irvine, CA 92618 مقرلا يلع
949-453-5500 وه فتاهل مقرر

Farsi

ت. سامش ي ندي ماش آ ب آ دروم رد ي مهم تاعالطا ي واح شرازگ ني
Irvine Ranch Water District ي ندي ماش آ ب آ نامزاس هب تاعالطا بسک ي ارب افتل
15600 Sand Canyon Ave., Irvine, CA 92618 سرد آ رد هک
ت. سا 949-453-5500 نفلت هرامش. دي ري گب سامت

Hindi

इस रिपोर्ट में आपके पीने के जल से सम्बंधित महत्वपूर्ण जानकारी है
1 हिंदी में सहायता के लिए, Irvine Ranch Water District को 15600 Sand Canyon Ave., Irvine, CA 92618 अथवा 949-453-5500 पर संपर्क करें.

Japanese

この報告書には上水道に関する重要な情報が記されております。
ご質問等ございましたら、Irvine Ranch Water District, 15600 Sand Canyon Ave., Irvine, CA 92618 949-453-5500 まで日本語でご連絡下さい。



Irvine Ranch
Water District



BE IN THE KNOW

The IRWD 2025 Water Quality Report is now available at [IRWD.com/waterqualityreport](https://www.irwd.com/waterqualityreport)



2025 WATER QUALITY REPORT



Finding out what's in your water is as transparent as water itself. Learn about the measures IRWD takes to ensure safe, reliable, quality drinking water. Simply visit [IRWD.com/waterqualityreport](https://www.irwd.com/waterqualityreport) and you'll be in the know.

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



**Irvine Ranch
Water District**



WATER QUALITY REPORT NOW AVAILABLE
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Read the IRWD Water Quality Report

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Our mailing address is:
15600 Sand Canyon Ave., Irvine, CA 92619

Want to change how you receive these emails?
[You can update your preferences](#) or [unsubscribe from this list](#).

Autopay changes take effect July 1

Using a credit or debit card for autopay? If so, you need to switch to eCheck/ACH to continue making automatic payments. Visit IRWD.com/billpay.

pipelines

JUNE 2025



Irvine Ranch
Water District

Clarkia amoena

IRWD rated best in the West

For the fourth straight year, global data analytics company J.D. Power has awarded Irvine Ranch Water District its top honor for customer satisfaction, based on responses from a national survey.

IRWD is the only agency in the nation with four consecutive top awards, and it received the highest reviews of any water agency in the nation. Find out more at IRWD.com/awards.

Drink up! Your tap water is great

IRWD works to provide our customers with safe, clean water every single day. We are proud to operate a state-of-the-art, state-certified water quality laboratory — one of the best-equipped labs in Southern California — right in Irvine. Our Water Quality staff continuously monitors the water supply, running and reporting more than 250,000 tests on your water each year.

As in years past, we are proud to report that your drinking water passed every test.

So, grab a glass of tap water, pull up a chair and settle in for a good read. IRWD's 2025 Water Quality Report is now available. Highlights of the report include:

- All IRWD drinking water met or exceeded all state and federal standards.
- IRWD service lines are lead-free.
- Your drinking water is safe and of high quality.

This annual report details information on the quality of IRWD drinking water from 2024 and includes the results of testing for:

- Compounds like lead, copper, chlorine and fluoride
- Substances such as alkalinity and sodium
- Aesthetic qualities of water, including color, cloudiness and odor

Read the report at IRWD.com/waterqualityreport.



Student scientists shine in water research

IRWD honored a record number of students this year for their water- and sewer-related experiments entered into Irvine Unified School District's annual science fair. Medals and certificates were awarded to these impressive scientists, whose projects ranged from evaluating the role of alginate in bioplastic water absorption to how electrically charged soil can empower hydroponics.



For more information, photos of the award ceremony or to view student research projects, go to IRWD.com/sciencefair.



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

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



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 05, 2025
Previous Amount:	\$79.94
Payments Received:	-\$79.94
Adjustments:	\$0.00
Balance Forward:	\$0.00
Current Charges:	\$66.75

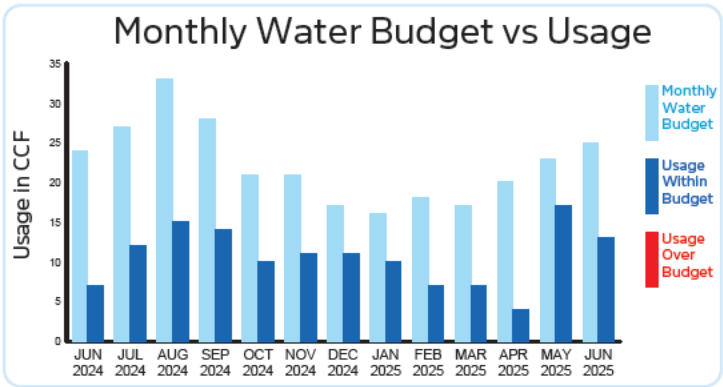
Total Amount Due by Jun 26, 2025 \$66.75

Your next bill will be prepared on or about July 03, 2025
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: 13 CCF
Your Water Budget for this Billing Period: 25 CCF
(See page 3 for details)

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



Read our 2025 Water Quality Report

Drink up! 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/waterqualityreport. To request a printed copy, email info@IRWD.com with "Water Quality Report" in the subject line, or call 949-453-5500.

Important changes to autopay options

IRWD's autopay services will be limited to eCheck or ACH starting on July 1. If you are making automatic payments using a credit/debit card or other fee-based service, you need switch your payment method to continue autopay services. Act now! Visit IRWD.com/billpay for more information.

Time for a smart timer!

Take the hassle out of setting your irrigation controller with IRWD's Smart Timer rebate! Right now, you can get to \$255 in rebates for qualified purchases - an amount that often covers the cost of the device! Smart timers adjust your settings based on the water needs of plants in your landscape and real-time weather data. Go to



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

Please return this payment stub along with your payment.

Account Number:



Amount Due by Jun 26, 2025

\$66.75

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

IRW0606A 9000004349 1449/1



IRVINE CA 92603-3511



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

3523400000 000006675 5



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

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



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:	July 07, 2025
Previous Amount:	\$66.75
Payments Received:	-\$66.75
Adjustments:	\$0.00
Balance Forward:	\$0.00
Current Charges:	\$61.48

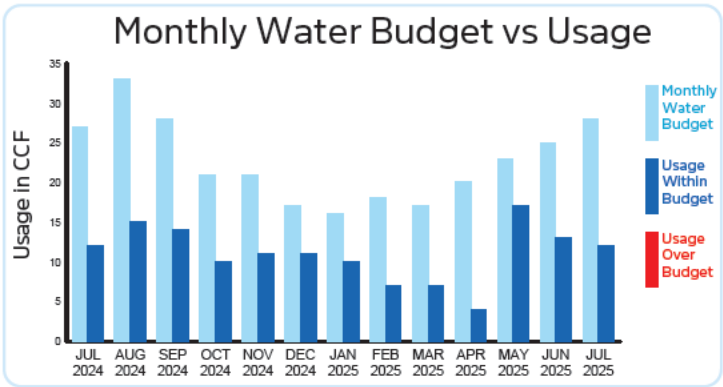
Total Amount Due by Jul 28, 2025 \$61.48

Your next bill will be prepared on or about August 05, 2025
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: 12 CCF
Your Water Budget for this Billing Period: 28 CCF
(See page 3 for details)

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



New Rates and Charges

New water and sewer rates for Fiscal Year 2025-2026 went into effect July 1 and appear on this bill. Questions? Visit irwd.com/rates-charges for full details.

2025 Water Quality Report

If you haven't seen it yet, be sure to check out IRWD's new 2025 Water Quality Report - providing information on how we ensure your drinking water is safe and clean, day in and day out. Find it online at IRWD.com/quality. To request a printed copy, email info@IRWD.com with "Water Quality Report" in the subject line, or call 949-453-5500.

Helpful service, 24 hours a day

Need to start or stop your water service, make an adjustment to your water-use budget, or sign up for a payment arrangement? No need to call. You can check out these services and more online. IRWD.com/services.



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

Please return this payment stub along with your payment.

Account Number:



Amount Due by Jul 28, 2025

\$61.48

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

IRW0708A 9000003997 1329/1



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



IRVINE CA 92603-3511

3523400000 000006148 4

BE IN THE KNOW.

The IRWD 2025 Water Quality Report is now available at [IRWD.com/waterqualityreport](https://www.irwd.com/waterqualityreport).



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

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Irvine Ranch
Water District

15600 Sand Canyon Avenue
Irvine, CA 92618

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U.S. Postage

PAID

< TBD >

Water Quality Report now available!

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IRWD WATER AT A GLANCE

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SO YOUR TENANTS ARE IN THE KNOW.

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2025 WATER QUALITY REPORT



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Irvine, CA 92618

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

The 2025 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/waterqualityreport](https://www.irwd.com/waterqualityreport).

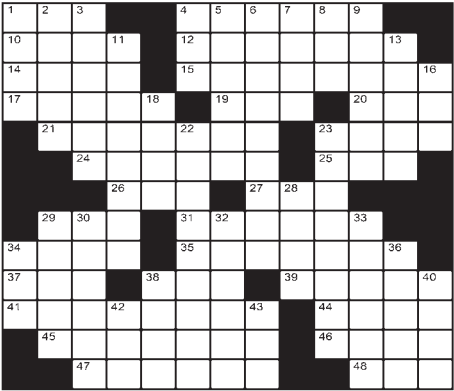
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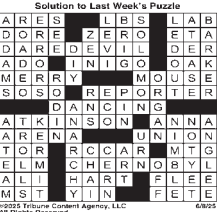
TV crossword puzzle



Created by Ricky Cruz

ACROSS

- 1 Group whose fans are "Juggalos", shortly
- 4 "Elementary"
- 10 tzu
- 12 Certain nautical routes
- 14 Hair annoyance
- 15 The Ravens' division
- 17 Unnerv, say
- 19 Greenlights
- 20 Part of history
- 21 "Make Some Noise" streamer
- 23 Partner of glitz
- 24 Blizzard fantasy game franchise
- 25 "The New Adventures of ____ Christine"
- 26 "Ilmatic" artist
- 27 "Drag Race" affirmative
- 29 Whimman of "Skull Island"
- 31 Periods
- 34 Sacks
- 35 "Creepshow" streamer
- 37 "Killing ____"



- 38 Spanish "that"
- 39 "Whose Line" host before Tyler
- 41 Lasting impacts
- 44 "Love Live!" character Tennoji
- 45 Kenyan capital
- 46 Require
- 47 Trimmed, in a way
- 48 Italian show "The ____ Beyond"

DOWN

- 1 Fisher of "Wolf Like Me"
- 2 Kid
- 3 "Star Trek: ____"
- 4 Butterfield of "Sex Education"
- 5 Taint
- 6 News reporter's transition
- 7 Has
- 8 21-Across cast member Yang
- 9 "Game of Thrones" house
- 11 Xena and Buffy, e.g.
- 13 Pricy violin, familiarly
- 16 Sub option
- 18 Film ratings org.
- 22 2023 Richard Armitage miniseries
- 23 Dang, say
- 28 "Thunderstruck" group
- 29 Expert
- 30 Disparity in some relationships
- 32 Iconic Lisa Kudrow role
- 33 Show
- 34 "____Air"
- 36 Rapp of "The Sex Lives of College Girls"
- 38 Light shade
- 40 "Blah blah", when repeated
- 42 Element controlled by Aang
- 43 "____ the Science Kid"

ADOPTABLE DOG

Lab mix Murphy gets lucky break but needs one more

Breed: Labrador retriever mix
Age: 2 years
Sex: Neutered male
Size: 40 pounds
Murphy's story: It was almost over before it had a chance to begin. He found himself at a shelter in a kennel with a dog who had parvovirus, a deadly disease. But fate had other plans. Thanks to some big-hearted rescuers, Murphy got his second chance! He never came down with parvo; he just had a cold that he has completely recovered from. Murphy is a fun guy who loves other dogs, romping in the grass, playing with toys and going for long walks. He's a great size and would love an active family with a buddy to call his own. He is crate trained and ready to find the forever family he has always deserved. Let's make it happen for him!



At 40 pounds, Murphy is the right size for many families. He loves walks, toys and playing with dogs and people. **COURTESY OF LABRADORIS AND FRIENDS DOG RESCUE**

Adoption cost: \$300, includes microchip, current vaccinations and treatment for worms
Adoption procedure: Visit Labradoris and Friends' website, labradorisandfriends.org, to fill out the adoption application. Once received, an adoption counselor will reach out via email and telephone.

— Maryanne Dell

ADOPTABLE DOG

Rufus is a loving, gentle giant

Breed: Labrador retriever-Great Dane mix
Age: 8 months
Sex: Neutered male
Size: 73 pounds (nearly full size)
Rufus's story: Looking for a big, lovable pup to join your family? Meet Rufus, born Oct. 10. With his goofy personality and heart full of love, this adorable boy is a handsome, gentle giant. He has the sweetest, most loving personality and a wonderful temperament. He gets along great with dogs and people and would fit with a family that has a backyard where he can play. He would thrive in fun puppy classes and showcase his smarts and social skills. He understands "sit," "paw" and "hugs" and is already house-trained and walks well on a leash. He is current on vaccinations and



Rufus has a sunny personality, learns fast and gets along with dogs and people. **COURTESY OF GREENDOG FOUNDATION**

microchipped.
Adoption procedure: Contact Kim with Greendog Foundation at 714-319-0802 or email greendogfoundation@gmail.com

An adoption application is available at greendogfoundation.com/application-for-adoption.
— Maryanne Dell

HAPPENINGS

Rescue mission requesting canned and packaged foods

Do you have spare cans of tuna, chicken, fruit and vegetables to give to needy residents? The Orange County Rescue Mission is "urgently" seeking donations of canned and packaged food for homeless people and families. The call for donations, the nonprofit says, comes after Gov. Gavin Newsom proposed banning homeless encampments and expanding shelter access across California. "With more people expected to turn to shelters and transitional living communities like OCRM in the coming months, we must be ready," said Bryan Crain, the nonprofit's president. "Canned and packaged foods are a lifeline for our residents. Every donation helps us provide nourishment, stability, and dignity

to those working to rebuild their lives." With low inventory and expectations of rising shelter intakes, Orange County Rescue Mission is looking to boost its pantry at the Village of Hope campus and other facilities. The list of requests includes canned tuna and meat, fruit, vegetables, spaghetti and sauces, beans, soup, peanut butter, rice, cereal, snack bars, pasta and instant noodles. Donations can be dropped off at Village of Hope at 1 Hope Drive in Tustin. They can also be shipped there directly (using that address) from online merchants. The donation warehouse is open from 8 a.m. to 5 p.m. daily. More information can be found at rescuemission.org/items. Email questions

to info@rescuemission.org. **PORSCHE SHOW IS JUNE 21 IN DANA POINT** The 53rd White Glove Concours and Porsche show takes place June 21 at Sea Terrace Park in Dana Point. The car show, presented by the Porsche Club of America, Orange Coast Region, is free and starts at 10 a.m. Registration is sold out — a first for the club — but Porsche owners can pay to enter the event June 21. Organizers expect more than 250 Porsches of all types to participate. Some 50 cars will be judged in various divisions. Sea Terrace Park is at Pacific Coast Highway and Niguel Road in Dana Point. *Compiled and written by Business Editor Samantha Gowen.*

SCNG

PREMIUM PRESENTS

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A SCNG PREMIUM VIRTUAL SERIES

FRIDAY, JUNE 20, 2025, 4:00 P.M.

JESS WALTER
SO FAR GONE

JESS WALTER

Jess Walter, the bestselling author of "Beautiful Ruins" and "The Cold Millions," presents a hilarious and brilliantly provocative adventure through life in modern America with "So Far Gone."

"A 'Most Anticipated Book of the Year' by Publishers Weekly & Washington Post and a Vogue 'Best Book of the Year'"

BRAD TAYLOR

Blockbuster author and former Special Forces officer Brad Taylor brings us into the perilous world between peace and war with his new military thriller, "Into the Gray Zone."

"Taylor is one of today's premier authors writing about the world of special ops." - Associated Press

BRAD TAYLOR
INTO THE GRAY ZONE

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Los Angeles Daily News ■ The Orange County Register ■ The Press-Enterprise ■ Press-Telegram (Long Beach)

Daily Breeze (Torrance) ■ Pasadena Star-News ■ San Gabriel Valley Tribune ■ Whittier Daily News

Inland Valley Daily Bulletin ■ The Sun (San Bernardino) ■ The Facts (Redlands)

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NEWPORT BEACH

State supporting city in housing element lawsuit

By Erika I. Ritchie
ERITCHIE@SCNG.COM

State leaders charged with enforcing California's housing laws recently weighed in on a court case to support Newport Beach, which is being sued by local community groups to argue the city breached its obligation to put a proposal for significant development to a vote of the people.

California cities, including Newport Beach, are required to adopt planning and zoning to accommodate future housing needs at all income levels. In 2022, the Newport Beach City Council adopted its housing element, the required document that lays out how its state-mandated allocation of more than 4,800 new homes would be achieved by developers across five areas of the city. The state approved the city's housing element in the same year.

Several local groups, headed by Still Promoting Our Newport and filed under the Newport Beach Stewardship Association, sued the city in September in Orange County Superior Court in Santa Ana, arguing that the zoning changes approved by the City Council must first be put before the voters before they can take effect. The groups say that the increased development density and added traffic potential should trigger the city's Greenlight Initiative, which was approved by voters in 2000.

Ahead of a June 17 court hearing, state officials were granted permission to file a brief in support of the city.

"Too often, my office finds itself needing to hold local governments accountable for failing to follow our state's housing laws," Attorney General Rob Bonta said in a statement. "Right now, Newport Beach is attempting to do the right thing and legal — thing, and I want to commend them for it."

"California is continuing to deal with a housing crisis of epic proportions," he added. "Now is the time for leaders at every level of government to say yes to cooperation and yes to more homes."

In its housing element, Newport Beach approved more zoned areas, especially near John Wayne Airport and at Fashion Island, than were required to provide some flexibility should some

projects not go through. The council also added development standards for these areas while amending its local coastal plan to be consistent with the planned residential additions.

The Greenlight Initiative's supporters argued before the 2000 vote that residents had lost faith in the city's ability to make fair land-use decisions.

Because the initiative was successful, a public vote is now required if a development would increase peak-hour car trips by more than 100, add more than 100 dwelling units or 40,000 square feet of floor space.

The lawsuit is asking the court to decide that if the city were to back up to hold the public vote required by the Greenlight Initiative, the city would still be considered in compliance with the housing laws.

The lawsuit also wants the court to say that while the Greenlight process plays out, the city wouldn't face a provision of California's Housing Accountability Act, commonly referred to as "builder's remedy," which allows developers to bypass local zoning and general plan requirements when a locality's housing element does not substantially comply with state law.

SPON filed its lawsuit after the council voted last July not to hold a Greenlight public vote on the housing element. The city had promised for two years to hold the vote, said Nancy Scarbrough, a member of SPON's board of directors. "We believed them until the last minute when they did a complete 180."

In their discussion at the time, councilmembers decided the requirement for a citywide vote is preempted by state law. Councilmembers also expressed concerns at the time that if the housing element were not approved, it could result in significant fines from the state. Scarbrough said she and others are very confident in the legal team SPON has hired and in the judge who is hearing the case.

SPON attorneys are arguing that the state brief should be given "little weight." "As framed by the state, this case requires the court to evaluate the tension between a long-standing fundamental right (voting) and a pressing public policy concern of the moment (housing)," its attorneys wrote in their brief to

the court this week.

"SPON disagrees with that framing — it is possible here for the court to respect the state's concerns about housing without violating the basic voting rights of the citizens of Newport Beach."

Mayor Joe Stapleton said that while he doesn't want to lose local control, and prior council members who dealt with much of the housing element issue looked at every way to litigate and fight this as a chartered city, city leaders realized there was no path to victory in fighting the housing element requirements.

"The city looked at getting into compliance as quickly as possible," he said. "We had countless meetings with the public to figure out where to put these units, and the community came out and strongly supported putting these units in Fashion Island and the airport area, and that's exactly what we intend on doing."

To be on the same side as the state of California is not something I pride myself in as the mayor of Newport Beach," he added, "but the reality is we want to maintain local control and the only way we can see to do that at the moment is through having an approved housing element."

"The last thing I want is Sacramento coming into our building department and dictating where we put these units," he said.

Beyond the two areas that would be zoned to have the highest density, Stapleton said there are three other areas identified for accommodating more housing, including the location of a former hospital, Coyote Canyon and around Port Streets.

The airport area and Fashion Island are already higher-density areas, he said. "We have an opportunity to reimagine a district like the airport area, maybe it's called 'Uptown Newport.'"

"Newport has always been good at coming up with a common-sense approach," he said. Stapleton said he and the city leaders are confident in their position, adding that the city's charter is very clear. "There's a greenlight initiative and it goes to the vote of the people unless it's state-mandated," he said. "None of us wants this, but this is where we're at, and we're all going to deal with it, and we think we have the correct approach."

DUNN DEAL

CdM, Newport Harbor water polo teams wage Battle in Bay



Richard Dunn
COLUMNIST

The Battle of the Bay has been the epicenter of multiple local highlights in water polo, and now, in its third year, there's a special showcase between Corona del Mar and Newport Harbor high schools.

It's the Battle in the Bay, contested at Marina Park on the Balboa Peninsula.

Lucas Reynolds, former Corona del Mar All-American, UCLA standout, U.S. men's senior national team member and professional player overseas, can only coach and dream.

Reynolds, who has been a Corona del Mar assistant coach since 2013 and the Sea Kings' head boys coach for the past two years, has seen it all in his world travels in water polo. But there was never a Battle of the Bay when he played.

"This Battle in the Bay is great — it's as good as it gets," Reynolds said. "I wish I could have played in it when I was a kid. All of the CdM alumni and players love this event, and it's been an awesome crowd turnout, too (150 in attendance on May 22). There are no other teams in the entire country that get to experience something like this, as it is truly as special as anything."

Winning streaks are ignored, camaraderie and community are at the forefront and everybody plays in the girls and boys showcases, the brainchild of Newport Harbor Coach Ross Sinclair.

With a TK Burger food truck, city officials and the Newport Beach Lifeguards



Corona del Mar High and Newport Harbor High water polo teams play in the Battle in the Bay at Marina Park. COURTESY OF RICHARD DUNN

on hand, students, parents, fans and alumni filled the standing-room only crowd along two railings at the Harbor Department dock, while others on boats, paddleboards and small watercraft frolicked about in picturesque bayfront pagentry.

"It's a great way to bring the community together and bring both schools together in something we can all be proud of in Newport Beach," said Sinclair, an All-American at Newport Harbor and the UC Santa Barbara in the 2000s, and also a former professional player overseas.

"I've always wanted to have some sort of Battle in the Bay. We play beach water polo a lot in Santa Barbara, and it's big in Eastern Europe, like in Dubrovnik (Slovenia) and Croatia and Italy and France. In the summer, it's like a big summer sport. We have an amazing community, so it was like, 'Why do we not have something like this?' Let's promote the community (and) promote the sport."

Water polo started in rivers and lakes in mid-19th century Great Britain as a form of rugby football, using a ball made of rubber, and early participants were allowed to wrestle and hold opposing players underwater to recover a ball.

The game has evolved in numerous ways, and the Battle in the Bay is among its latest feats, which should make city officials proud.

Newport Harbor's girls defeated CdM, 17-5, as goalie Lydia Soderberg was named Player of the Game. The Sailors' offense was led by Caitlin Staty and Gabby Alexson with three goals each. Josie Alaluf had two goals for CdM.

The Sailors' boys won, 15-8, as Connor Ohl (four goals) and Kai Kaneko (three) sparked the attack. Newport Harbor's Dash D'Ambrosia, Mason Netzer and Hudson Parks had two goals each. Koosha Mirra-fati had three goals for the Sea Kings.

"It's a fantastic event," said Newport junior center defender Parks, whose play at two meters spearheaded the Sailors' defense. "The conditions here are really great and the whole community comes out here, and just getting everyone in the pool is great. It's really great for the seniors, because this is our last year playing Battle in the Bay. This is our third Battle in the Bay and we've won each of them. We're 3-0 in boys."

In the CIF-Southern Section, the boys season is played in the fall and girls in the winter.

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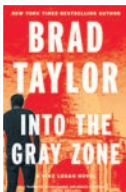
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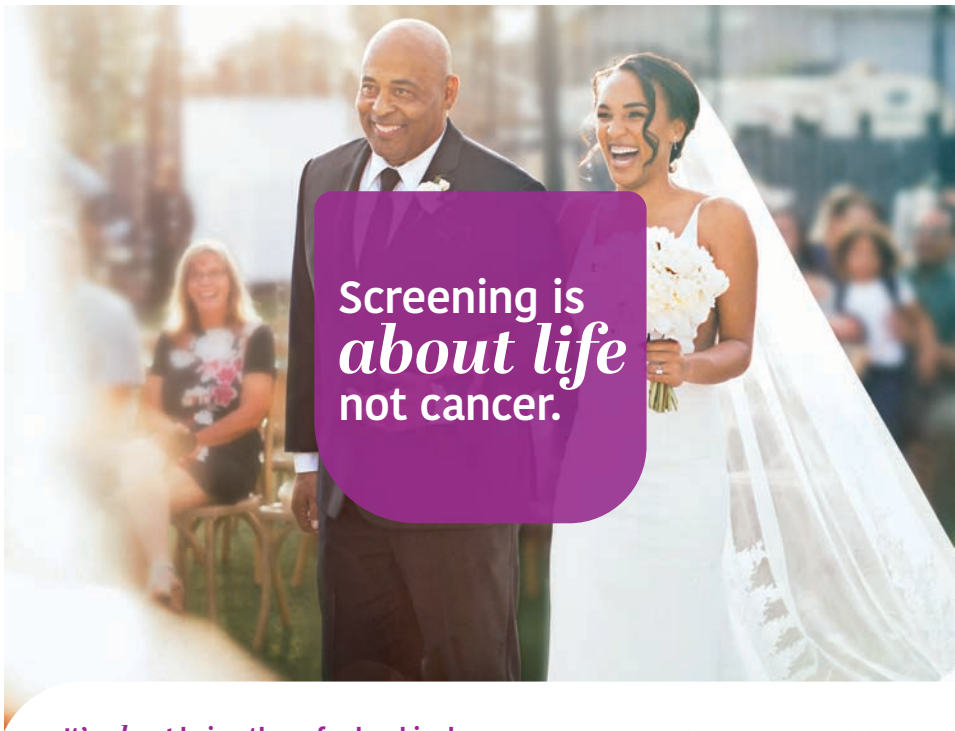
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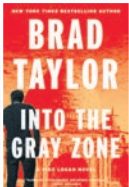
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LAKE FOREST

Costco has a plan for 14th OC store

By Jonathan Lansner
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The warehouse retail giant Costco — a favorite of shoppers and city budget directors alike — wants to build its 14th Orange County store in Lake Forest.

The chain known for offering family-sized goods, food samples and a \$1.50 hot dog-and-drink deal provided a glimpse into its plans in Lake Forest's public planning documents. Costco typically does not comment on new store developments.

According to the paperwork, the company intends to demolish the shuttered movie theater at the Foothill Ranch Towne Centre and replace it with a 160,811-square-foot store on the 16-acre site. The theater, which operated under the Regal and Cinemark brands, last showed films in September 2024.

The store, if approved as



Costco has submitted plans to build a 160,000-square-foot store at Foothill Ranch Towne Centre in Lake Forest, where it would demolish a former movie theater that closed in 2024. **SAMANTHA GOWEN — STAFF**

suggested, would be slightly larger than a typical Costco, which is around 140,000 square feet. The proposal also includes a tire center at the Lake Forest site.

It's clear the Lake Forest plan is evolving. A project summary from January showed Costco wanted a gas station at the site. Plus, roof-top parking above the store was included, an amenity likely necessary to make up for spaces lost to a fuel center.

However, a Costco filing with the city from May 27 talks only of a one-story building, traditional ground-level parking, and no gas station.

Cities typically welcome a Costco due to the significant sales tax revenues its huge stores generate. Annual sales can run \$250 million or more.

"The project is still in the early stages, but we're excited about the potential of having a Costco in Lake Forest," said Jonathan Volzke, the city's spokesperson.

The Foothill Ranch shopping center, situated in the northern part of the city a block north of the 241 toll road, lies between Bake and Alton parkways. The center would provide Costco with

"big box" competition from a nearby Walmart Supercenter and a Target.

The nearest Costco is 6 miles away in Irvine. A Lake Forest location would shorten the drive for Costco fans, not just in the city, but also in Rancho Santa Margarita, the Saddleback foothills and parts of Mission Viejo and Irvine.

Across Orange County, Costco also has two warehouses in Laguna Niguel and Tustin, along with locations in Cypress, Fountain Valley, Fullerton, Garden Grove, Huntington Beach, La Habra, San Juan Capistrano and Yorba Linda. The retailer also has a business center in Westminster.

Costco is willing to think outside the norm for its Southern California expansions. In South Los Angeles, a new 185,000-square-foot Costco will be the first floor of a high-rise mixed-use project that also contains 800 apartments.

Jonathan Lansner is the business columnist for the Southern California News Group. He can be reached at jlansner@scng.com

MILITARY

3 Ladera Ranch residents among West Point graduates

By Erika I. Ritchie
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A service night at Tesoro High School and the impression a U.S. Military Academy recruiter made on Amnita Kaur was enough to put her on a path to becoming an Army officer and among a small percentage of cadets chosen to go to medical school on the Army's dime.

Kaur, who just days ago earned the rank of second lieutenant while graduating with 1,002 cadets from West Point, said the military academy schooling is giving her an opportunity few others get.

"The amount of opportunity and trust they've put into us," she said of the academy staff, "I'm going to medical school, but a lot of my classmates will go to basic officer courses, they'll go to Ranger school, Airborne and within a year, they could be in charge of a platoon — 30 to 40 soldiers."

"West Point, the way it's structured, they've put us through physical, mental and emotional challenges," she added. "And hopefully, we as a class and graduates can step up to the plate and be those lieutenants that those soldiers deserve."

Kaur, 21, is one of three Ladera Ranch residents in that West Point graduating class, along with Alex Vollmond and Justin Rogers. All three are also Tesoro High grads.

Vollmond, 23, heads to Fort Sill, Oklahoma, for field officer artillery training, and Rogers, 23, heads to Fort Novosel, Alabama, to fly helicopters.

At West Point, cadets undergo a four-year program, preparing them to commission as Army officers. President Donald Trump gave the keynote address at the recent graduation; it was titled "Together

We Thrive."

"Instead of stock options ... you chose honor and you chose sacrifice," Trump said. "Instead of business suits and dress shoes, you chose muddy boots and fatigues and keeping yourselves in shape — because West Point cadets don't just have the brightest minds, you also have the bravest hearts and the noblest souls."

After their five years of active duty, graduates are required to serve an additional three years in the reserves, for a total eight-year commitment to the military.

Now back home, Kaur will have some time to relax before heading off to medical school, where she hopes to specialize in general surgery. After four years and earning her medical degree, she'll be promoted to captain and then spend another six years in residency in a military hospital.

Despite having no family connections to the service, Kaur said her application to the service academy was "intrinsically motivated."

"My dad took me to one of the service nights a congressman hosted in my freshman year," she said. "From that moment I saw the servicemember

there with his uniform and just the pride he had in his military career. I applied. I didn't know much about the school, didn't know if I would make it through basic training, but I think one day at a time, it worked out, and it was the best 27-month experience I could have asked for."

It's the "being part of something bigger than herself" that resonates most with her, Kaur said.

"Having a genuine sense of purpose and pride in what you do," she added. "You wake up every morning and there is a mission that is noble and honorable, and you get to put your best foot forward and advance the whole team."

She also said she had few opportunities to come home during her four years in the academy, but she met many supportive people along the way.

"There's no way I would have been able to make it through those four years without the friends I made along the way, the mentors I have," she said. "There are so many I look up to and know they're just one phone call away. That sense of family and having someone to lean on is really important and special."



Three Ladera Ranch residents are among the 2025 U.S. Military Academy graduates. **COURTESY OF JAY ROGERS**

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