



2024 Consumer Confidence Report

Water System Information

Water System Name: Irish Beach Water District

Report Date: June 17, 2025

Type of Water Source(s) in Use: Surface water and groundwater

Name and General Location of Source(s): Irish Gulch Upper –approximately 1.6 miles inland from the ocean on Irish Gulch. Unit 9 and Tank 5 wells are located approximately 3000 feet east of the Unit 9 subdivision on Alta Mesa Road. Well 2 is located approximately 2000 feet east of loop road gate off of Hillcrest Drive

Drinking Water Source Assessment Information: The last Source Water Assessment and Sanitary Survey was completed in May 2014. A copy of the complete assessment is available from the SWRCB, Drinking Water Field Operations, 50 D Street, Suite 200, Santa Rosa, CA 95404 or from the Irish Beach Water District, P.O. Box 67, Manchester, CA 95459 upon request.

Time and Place of Regularly Scheduled Board Meetings for Public Participation: Second Saturday of each odd-numbered month at 10:00 AM at the Irish Beach Firehouse, 15401 Forest View Rd. at Irish Beach or by Zoom. See website at www.ibwd.org for Zoom link.

For More Information, Contact: Brant O'Dell, Water System Manager, at (707)-913-9708

About This Report

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 to December 31, 2024, and may include earlier and/or later monitoring data.

Importance of This Report Statement in Five Non-English Languages (Spanish, Mandarin, Tagalog, Vietnamese, and Hmong)

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse Irish Beach Water District a 707-882-2892 para asistirlo en español.

Language in Mandarin: 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 Irish Beach Water District 以获得中文的帮助: P.O. Box 67, Manchester, CA 95459, 707-882-2892.

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa Irish Beach Water District a P.O. Box 67, Manchester, CA 95459 para matulungan sa wikang Tagalog.

Language in Vietnamese: Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ Irish Beach Water District tại P.O. Box 67, Manchester, CA 95459 để được hỗ trợ giúp bằng tiếng Việt.

Language in Hmong: Tsaab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau Irish Beach Water District ntawm P.O. Box 67, Manchester, CA 95459 rau kev pab hauv lus Askiv.

Terms Used in This Report

Term	Definition
Level 1 Assessment	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
Level 2 Assessment	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an <i>E. coli</i> MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum Contaminant Level (MCL)	The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.
Maximum Contaminant Level Goal (MCLG)	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (U.S. EPA).
Maximum Residual Disinfectant Level (MRDL)	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Maximum Residual Disinfectant Level Goal (MRDLG)	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
Primary Drinking Water Standards (PDWS)	MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.
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.
Regulatory Action Level (AL)	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
Secondary Drinking Water Standards (SDWS)	MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.
Treatment Technique (TT)	A required process intended to reduce the level of a contaminant in drinking water.
Variations and Exemptions	Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.
ND	Not detectable at testing limit.
ppm	parts per million or milligrams per liter (mg/L)
ppb	parts per billion or micrograms per liter ($\mu\text{g/L}$)
ppt	parts per trillion or nanograms per liter (ng/L)
ppq	parts per quadrillion or picogram per liter (pg/L)
pCi/L	picocuries per liter (a measure of radiation)

Sources of Drinking Water and Contaminants that May Be Present in Source Water

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

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, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- Radioactive contaminants, that can be naturally-occurring or be the result of oil and gas production and mining activities.

Regulation of Drinking Water and Bottled Water Quality

In order to ensure that tap water is safe to drink, the U.S. EPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

About Your Drinking Water Quality

Drinking Water Contaminants Detected

Tables 1, 2, 3, 4, 5, 6, and 8 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old. Any violation of an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

Table 1. Sampling Results Showing the Detection of Coliform Bacteria

There were no positive bacteria samples detected in the distribution system in 2024.

Table 2. Sampling Results Showing the Detection of Lead and Copper

Lead and Copper	Sample Date	No. of Samples Collected	90 th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	9/27/2023	10	0	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	9/27/2023	10	.370	0	1.3	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 3. Sampling Results for Sodium and Hardness

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	2023, 2024, 2025	50.5	16-82	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	2023, 2024, 2025	192	48-500	None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 4. Detection of Contaminants with a Primary Drinking Water Standard

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Nitrate (as N) (mg/L)	2024, 2025	ND	.04+	10	0	Fertilizers, livestock, septic, decomposition of organic matter
Flouride (mg/L)	2023, 2024, 2025	.11	.19 - .26	2	0	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories
Turbidity (ntu)	2023, 2024, 2025	4.5	.15 - 12	.5-5	<.5	Soil runoff
Total Trihalomethanes (ug/L, distribution system)	2024	36	36	80	0	Byproduct of drinking water disinfection
Bromate (ug/L, well2 treatment only)	2024	.6	0-2.4	10	0	Byproduct of drinking water disinfection

Table 5. Detection of Contaminants with a Secondary Drinking Water Standard

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant
Chloride	2023, 2024, 2025	33.8	18-66	250	-	Runoff/leaching from natural deposits; seawater influence
Iron (mg/L)	2024, 2025	273	360-730	300	-	erosion of natural deposits
*Manganese (mg/L)	2025 (well2)	275	0-1100	50	-	erosion of natural deposits
Odor (threshold odor number)	2024, 2025	1.5	0-6	3	-	constituents in water
Total Dissolved Solids (mg/L)	2024, 2025	385	120-930	500	-	erosion of natural deposits
Aluminum (ug/L)	2023, 2024, 2025	230	100-820	500	-	erosion of natural deposits
pH	2023, 2024, 2025	7	6.7 - 7.5	6.5-8.5	6.5-8.5	Charged particles
Sulfate (mg/L)	2023, 2024, 2025	123	9.3-440	500	-	Runoff/leaching from natural deposits; industrial wastes
Color (color units)	2023, 2024, 2025	7.5	0-20	15	-	Sediment, minerals, contaminants,
Calcium (mg/L)	2023, 2024, 2025	9.25	11-96	N/A	N/A	erosion of natural deposits
Magnesium (mg/L)	2023, 2024, 2025	23.7	4.9-15	N/A	N/A	erosion of natural deposits

*Note that water from Well 2 is treated with Ozone and filtered to bring manganese levels below the MCL. While manganese is an essential nutrient, commonly found in ground water from erosion of natural deposits, higher levels can lead to neurological and cognitive issues, as well as aesthetic problems like staining and a metallic taste.

Additional Constituents Tested in source waters with no detections in 2023/2024/2025 include:

Arsenic	Mercury
Antimony	Nickel
Barium	Selenium
Beryllium	Silver
Cadmium	Thallium
Chromium	Zinc
Copper	Gross Alpha Particle
Lead	Regulated Organic Chemicals (27)

Additional General Information on Drinking Water

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

information about contaminants and potential health effects can be obtained by calling the U.S. EPA’s Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised 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 (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 (1-800-426-4791).

Lead-Specific Language: 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. Irish Beach Water District is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/lead>.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

Table 7. Violation of a MCL, MRDL, AL, TT or Monitoring Reporting Requirement

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language
Monitoring Reporting Requirement	Failed to submit chemical samples in calendar year	N/A	Samples taken April 2025, notifications sent	No health effects
Monitoring Reporting Requirement	Failed to submit Lead Service Line Inventory by deadlie	N/A	Inventory in progress, notifications sent	No health effects

*A copy of the required notice distributed to customers for violations are included in Attchment 1 for reference.

For Water Systems Providing Groundwater as a Source of Drinking Water

Table 8. Sampling Results Showing Fecal Indicator-Positive Groundwater Source Samples

Microbiological Contaminants (complete if fecal-indicator detected)	Total No. of Detections	Sample Dates	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
<i>E. coli</i>	0	quarterly	0	(0)	Human and animal fecal waste
Enterococci	0	quarterly	TT	N/A	Human and animal fecal waste
Coliphage	0	quarterly	TT	N/A	Human and animal fecal waste

Summary Information for Fecal Indicator-Positive Groundwater Source Samples, Uncorrected Significant Deficiencies, or Violation of a Groundwater TT:

Special Notice of Fecal Indicator-Positive Groundwater Source Sample: N/A
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Special Notice for Uncorrected Significant Deficiencies: N/A

Table 9. Violation of Groundwater TT: No violations

For Systems Providing Surface Water as a Source of Drinking Water

Table 10. Sampling Results Showing Treatment of Surface Water Sources

Treatment Technique ^(a) (Type of approved filtration technology used)	Flocculation, direct pressure filtration, chlorination
Turbidity Performance Standards ^(b) (that must be met through the water treatment process)	Turbidity of the filtered water must: 1 – Be less than or equal to .3 NTU in 95% of measurements in a month. 2 – Not exceed 1 NTU for more than eight consecutive hours. 3 – Not exceed 1 NTU at any time.
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	99.9%
Highest single turbidity measurement during the year	0.29
Number of violations of any surface water treatment requirements	0

(a) A required process intended to reduce the level of a contaminant in drinking water.

(b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

Summary Information for Violation of a Surface Water TT

Table 11. Violation of Surface Water TT: No violations

Summary Information for Operating Under a Variance or Exemption: Not operating under variance or exemption

Summary Information for Revised Total Coliform Rule Level 1 and Level 2 Assessment Requirements: No Level 1 or Level 2 assessments required.

Attachment 1 - Required notices distributed to customers for violations

For Reference Only - Original Notice Issued April 21, 2025

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

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

MONITORING REQUIREMENTS NOT MET FOR Irish Beach Water District

Our water system failed to monitor as required for drinking water standards during the past year and, therefore, was in violation of the regulations. Even though this failure was not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation. We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

During 2024, IBWD failed to test for nitrate and therefore, cannot be sure of the quality of our drinking water during that time.

What should I do?

- There is nothing you need to do at this time.
- The table below lists the contaminant(s) we did not properly test for during the last year, how many samples we are required to take and how often, how many samples we took, when samples should have been taken, and the date on which follow-up samples were (or will be) taken.

Contaminant	Required Sampling Frequency	Number of Samples Taken	When All Samples Should Have Been Taken	When Samples Were or Will Be Taken
Nitrate	Annual	4 (one sample for each source)	2024	April 2025

- If you have health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What is being done?

The State Water Board has determined that the IBWD has failed to comply with primary drinking water standards pursuant to Health and Safety Code section 116555 and nitrate monitoring requirements pursuant to California Code of Regulations, title 22, section 64432.1, subdivision (a) during 2024.

IBWD must ensure that each active source is monitored for nitrate in accordance with California Code of Regulations, title 22, section 64432.1, subdivision (a) and that the laboratory that conducts the analysis submits the analytical results electronically by a State Water Board approved method no later than the 10th day of the month following completion of the analyses. If the sample result exceeds the MCL of 10 mg/L as N, additional sampling and notification requirements apply. (Cal. Code Regs., tit. 22, § 64432.1, subd. (a).)

Nitrate testing will be performed for all district source waters:

- Irish Gulch Combined (CA2310012_012_012)
- Unit 9 Well (CA2310012_004_004)
- Tank 5 Well (CA2310012_008_008)
- Tank 2 Well (CA2310012_010_010)

For more information, please contact Brant O'Dell at:

IBWD

PO Box 67

Manchester, CA 95459

(707)-913-9708

ibwd.operations@ibwd.org

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or by mail.

Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- SCHOOLS: Must notify school employees, students, and parents (if the students are minors).
- RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS (including nursing homes and care facilities): Must notify tenants.
- BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS: Must notify employees of businesses located on the property.

This notice is being sent to you by Irish Beach Water District

State Water System ID#: CA2310012

Date distributed: April 21, 2025

For Reference Only - Original Notice Issued May 22, 2025

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER SERVICE LINES

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

Irish Beach Water District failed to complete an initial service line inventory by the deadline as required by U.S. EPA.

Our water system recently violated a drinking water requirement. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we did to correct this situation.

Irish Beach Water District was recently required to conduct an inventory of all water service lines, which is the pipe that connects your home, building, or other structure to the water main. Lead service lines or certain galvanized pipe can potentially place you at risk for exposure to lead. The purpose of the inventory is to identify the material of these service lines and fittings, including the customer-owned side of the water service line.

Irish Beach Water District should have completed the inventory by October 16, 2024, but it did not. As a result, the pipe that connects your home, building, or other structure to the water main was not submitted by the deadline.

Irish Beach Water District routinely monitors for lead in the distribution system and the most recent water sample results received in September, 2023 showed that the 90th percentile of all lead levels measured in the distribution system did not exceed the lead action levels of 0.015 milligrams per liter (mg/L) or 15 micrograms per liter (µg/L).

Other recent water sample results do not exceed the action level of 0.015 mg/L for lead.

What should I do?

- This is not an emergency and there is nothing you need to do. Your water is safe to drink.
- You do not need to boil your water or take other corrective actions unless you received a separate notice to do so. You do not need to use an alternative water supply (e.g., bottled water). However, if you have specific health concerns, consult your doctor.

What is being done?

Irish Beach Water District is working to complete an initial Lead Service Line Inventory before the fall of 2025.

To verify the material of your service line or for any other information, contact Brant O'Dell at (707) 913-9708 or IBWD.Operations@IBWD.org, or PO Box 67, Manchester, CA 95459 and/or visit www.IBWD.org.

Lead Related Health Information

- Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can cause new learning and behavior problems

or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.

- If you have concerns about your water quality, the State Water Board's Environmental Laboratory Accreditation Program has a [map of laboratories](https://www.waterboards.ca.gov/drinking_water/certlic/labs/) that can test your water at the consumer's expense, which can be found at: https://www.waterboards.ca.gov/drinking_water/certlic/labs/
- If you still have health concerns from potential lead exposure in your drinking water, there are point-of-use (POU) devices that can be used on your drinking water taps to provide an additional barrier of protection. A list of these residential treatment devices can be found at: https://www.waterboards.ca.gov/drinking_water/certlic/device/watertreatmentdevices.html
- If you have other health issues concerning the consumption of this water, you may wish to consult your health care provider.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Irish Beach Water District.

State Water System Number: CA2310012

Date distributed: May 22, 2025