IRVINE RANCH WATER DISTRICT Consumer Confidence Report

PSID: 3010092 | IRVINE, ORANGE CO.

For the period from 2017-01-01 to 2019-10-10.

**View an interactive version of this report online at**: caccr.github.io/ccrs/3010092.html

## What does this report mean?

This report contains important information about drinking water quality in your water system.

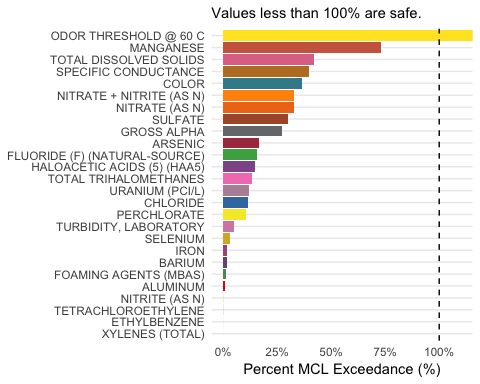
Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse IRVINE RANCH WATER DISTRICT a [949-453-5590](#contact-link) para asistirlo en español.

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: [949-453-5590](#contact-link).

## Status: **IN COMPLIANCE**

Of the **136** chemicals tested for in your water system, **26** **chemicals were detected**, and **1** **average chemical findings exceeded their MCL, though exceedance alone does not constitute a violation (see the FAQ for more information)**.

In the plot below, the Maximum Contaminant Level (MCL) is shown as a black horizontal dashed line. Each vertical bar is a contaminant that was detected. The higher the bar, the higher the average level of that contaminant over the period of record. Any contaminant at or above the black horizontal dashed line indicates contaminated water.



**110** other chemicals were tested for and NOT detected. They are not included in the chart above, but are reported in the table below.

**212** water quality indicators were tested for and may have been detected, though they pose no serious human health hazard (MCL = 0). They are reported in the table below.

## Explore data

Explore your water quality data in the table below.

| CHEMICAL | SAMPLE\_MEAN | MCL | UNIT | XMOD |
| --- | --- | --- | --- | --- |
| 1,1-DICHLOROETHANE | 0.000 | 5.000 | UG/L | V |
| 1,1-DICHLOROETHYLENE | 0.000 | 6.000 | UG/L | V |
| 1,1,1-TRICHLOROETHANE | 0.000 | 200.000 | UG/L | V |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.000 | 1200.000 | UG/L | V |
| 1,1,2-TRICHLOROETHANE | 0.000 | 5.000 | UG/L | V |
| 1,1,2,2-TETRACHLOROETHANE | 0.000 | 1.000 | UG/L | V |
| 1,2-DICHLOROBENZENE | 0.000 | 600.000 | UG/L | V |
| 1,2-DICHLOROETHANE | 0.000 | 0.500 | UG/L | V |
| 1,2-DICHLOROPROPANE | 0.000 | 5.000 | UG/L | V |
| 1,2,3-TRICHLOROPROPANE | 0.000 | 0.005 | UG/L | < |
| 1,2,3-TRICHLOROPROPANE | 0.000 | 0.005 | UG/L | V |
| 1,2,4-TRICHLOROBENZENE | 0.000 | 5.000 | UG/L | V |
| 1,3-DICHLOROPROPENE (TOTAL) | 0.000 | 0.500 | UG/L | V |
| 1,4-DICHLOROBENZENE | 0.000 | 5.000 | UG/L | V |
| 2,3,7,8-TCDD (DIOXIN) | 5.000 | 30.000 | PG/L | < |
| 2,4-D | 10.000 | 70.000 | UG/L | < |
| 2,4,5-TP (SILVEX) | 1.000 | 50.000 | UG/L | < |
| ALACHLOR | 1.000 | 2.000 | UG/L | < |
| ALACHLOR | 0.000 | 2.000 | UG/L | V |
| ALUMINUM | 6.780 | 1000.000 | UG/L | V |
| ANTIMONY | 6.000 | 6.000 | UG/L | < |
| ANTIMONY | 0.000 | 6.000 | UG/L | V |
| ARSENIC | 2.000 | 10.000 | UG/L | < |
| ARSENIC | 1.660 | 10.000 | UG/L | V |
| ASBESTOS | 0.200 | 7.000 | MFL | < |
| ASBESTOS | 0.000 | 7.000 | MFL | V |
| ATRAZINE | 0.500 | 1.000 | UG/L | < |
| ATRAZINE | 0.000 | 1.000 | UG/L | V |
| BARIUM | 100.000 | 1000.000 | UG/L | < |
| BARIUM | 15.650 | 1000.000 | UG/L | V |
| BENTAZON | 2.000 | 18.000 | UG/L | < |
| BENZENE | 0.000 | 1.000 | UG/L | V |
| BENZO (A) PYRENE | 0.100 | 0.200 | UG/L | < |
| BENZO (A) PYRENE | 0.000 | 0.200 | UG/L | V |
| BERYLLIUM | 0.000 | 4.000 | UG/L | V |
| CADMIUM | 0.000 | 5.000 | UG/L | V |
| CARBOFURAN | 5.000 | 18.000 | UG/L | < |
| CARBON TETRACHLORIDE | 0.000 | 0.500 | UG/L | V |
| CHLORDANE | 0.100 | 0.100 | UG/L | < |
| CHLORIDE | 57.400 | 500.000 | MG/L | V |
| CHROMIUM (TOTAL) | 0.000 | 50.000 | UG/L | V |
| CIS-1,2-DICHLOROETHYLENE | 0.000 | 6.000 | UG/L | V |
| COLOR | 3.150 | 15.000 | UNITS | < |
| COLOR | 5.470 | 15.000 | UNITS | V |
| COPPER | 50.000 | 1000.000 | UG/L | < |
| COPPER | 0.000 | 1000.000 | UG/L | V |
| CYANIDE | 100.000 | 150.000 | UG/L | < |
| CYANIDE | 0.000 | 150.000 | UG/L | V |
| DALAPON | 10.000 | 200.000 | UG/L | < |
| DI(2-ETHYLHEXYL)ADIPATE | 5.000 | 400.000 | UG/L | < |
| DI(2-ETHYLHEXYL)ADIPATE | 0.000 | 400.000 | UG/L | V |
| DI(2-ETHYLHEXYL)PHTHALATE | 3.000 | 4.000 | UG/L | < |
| DI(2-ETHYLHEXYL)PHTHALATE | 0.000 | 4.000 | UG/L | V |
| DIBROMOCHLOROPROPANE (DBCP) | 0.010 | 0.200 | UG/L | < |
| DIBROMOCHLOROPROPANE (DBCP) | 0.000 | 0.200 | UG/L | V |
| DICHLOROMETHANE | 0.000 | 5.000 | UG/L | V |
| DINOSEB | 2.000 | 7.000 | UG/L | < |
| DIQUAT | 4.000 | 20.000 | UG/L | < |
| ENDOTHALL | 45.000 | 100.000 | UG/L | < |
| ENDRIN | 0.100 | 2.000 | UG/L | < |
| ENDRIN | 0.000 | 2.000 | UG/L | V |
| ETHYLBENZENE | 0.070 | 300.000 | UG/L | V |
| ETHYLENE DIBROMIDE (EDB) | 0.020 | 0.050 | UG/L | < |
| ETHYLENE DIBROMIDE (EDB) | 0.000 | 0.050 | UG/L | V |
| FLUORIDE (F) (NATURAL-SOURCE) | 0.310 | 2.000 | MG/L | V |
| FOAMING AGENTS (MBAS) | 0.050 | 0.500 | MG/L | < |
| FOAMING AGENTS (MBAS) | 0.010 | 0.500 | MG/L | V |
| GLYPHOSATE | 25.000 | 700.000 | UG/L | < |
| GLYPHOSATE | 0.000 | 700.000 | UG/L | V |
| GROSS ALPHA | 3.000 | 15.000 | PCI/L | < |
| GROSS ALPHA | 4.070 | 15.000 | PCI/L | V |
| HALOACETIC ACIDS (5) (HAA5) | 8.940 | 60.000 | UG/L | V |
| HEPTACHLOR | 0.010 | 0.010 | UG/L | < |
| HEPTACHLOR | 0.000 | 0.010 | UG/L | V |
| HEPTACHLOR EPOXIDE | 0.010 | 0.010 | UG/L | < |
| HEPTACHLOR EPOXIDE | 0.000 | 0.010 | UG/L | V |
| HEXACHLOROBENZENE | 0.500 | 1.000 | UG/L | < |
| HEXACHLOROBENZENE | 0.000 | 1.000 | UG/L | V |
| HEXACHLOROCYCLOPENTADIENE | 1.000 | 50.000 | UG/L | < |
| HEXACHLOROCYCLOPENTADIENE | 0.000 | 50.000 | UG/L | V |
| IRON | 5.710 | 300.000 | UG/L | V |
| LINDANE | 0.200 | 0.200 | UG/L | < |
| LINDANE | 0.000 | 0.200 | UG/L | V |
| MANGANESE | 20.000 | 50.000 | UG/L | < |
| MANGANESE | 36.540 | 50.000 | UG/L | V |
| MERCURY | 1.000 | 2.000 | UG/L | < |
| MERCURY | 0.000 | 2.000 | UG/L | V |
| METHOXYCHLOR | 10.000 | 30.000 | UG/L | < |
| METHOXYCHLOR | 0.000 | 30.000 | UG/L | V |
| METHYL-TERT-BUTYL-ETHER (MTBE) | 0.000 | 13.000 | UG/L | V |
| MOLINATE | 2.000 | 20.000 | UG/L | < |
| MOLINATE | 0.000 | 20.000 | UG/L | V |
| MONOCHLOROBENZENE | 0.000 | 70.000 | UG/L | V |
| NICKEL | 10.000 | 100.000 | UG/L | < |
| NICKEL | 0.000 | 100.000 | UG/L | V |
| NITRATE (AS N) | 3.290 | 10.000 | MG/L | V |
| NITRATE + NITRITE (AS N) | 3.300 | 10.000 | MG/L | V |
| NITRITE (AS N) | 0.400 | 1.000 | MG/L | < |
| NITRITE (AS N) | 0.000 | 1.000 | MG/L | V |
| ODOR THRESHOLD @ 60 C | 1.000 | 3.000 | TON | < |
| ODOR THRESHOLD @ 60 C | 5.350 | 3.000 | TON | V |
| OXAMYL | 20.000 | 50.000 | UG/L | < |
| PENTACHLOROPHENOL | 0.200 | 1.000 | UG/L | < |
| PENTACHLOROPHENOL | 0.000 | 1.000 | UG/L | V |
| PERCHLORATE | 4.000 | 6.000 | UG/L | < |
| PERCHLORATE | 0.630 | 6.000 | UG/L | V |
| PICLORAM | 1.000 | 500.000 | UG/L | < |
| POLYCHLORINATED BIPHENYLS, TOTAL, AS DCB | 0.500 | 0.500 | UG/L | < |
| SELENIUM | 5.000 | 50.000 | UG/L | < |
| SELENIUM | 1.600 | 50.000 | UG/L | V |
| SILVER | 0.000 | 100.000 | UG/L | V |
| SIMAZINE | 1.000 | 4.000 | UG/L | < |
| SIMAZINE | 0.000 | 4.000 | UG/L | V |
| SPECIFIC CONDUCTANCE | 637.740 | 1600.000 | US | V |
| STYRENE | 0.000 | 100.000 | UG/L | V |
| SULFATE | 150.690 | 500.000 | MG/L | V |
| TETRACHLOROETHYLENE | 0.000 | 5.000 | UG/L | V |
| THALLIUM | 1.000 | 2.000 | UG/L | < |
| THALLIUM | 0.000 | 2.000 | UG/L | V |
| THIOBENCARB | 1.000 | 70.000 | UG/L | < |
| THIOBENCARB | 0.000 | 70.000 | UG/L | V |
| TOLUENE | 0.000 | 150.000 | UG/L | V |
| TOTAL DISSOLVED SOLIDS | 421.170 | 1000.000 | MG/L | V |
| TOTAL TRIHALOMETHANES | 1.000 | 80.000 | UG/L | < |
| TOTAL TRIHALOMETHANES | 10.810 | 80.000 | UG/L | V |
| TOXAPHENE | 1.000 | 3.000 | UG/L | < |
| TRANS-1,2-DICHLOROETHYLENE | 0.000 | 10.000 | UG/L | V |
| TRICHLOROETHYLENE | 0.000 | 5.000 | UG/L | V |
| TRICHLOROFLUOROMETHANE | 0.000 | 150.000 | UG/L | V |
| TURBIDITY, LABORATORY | 0.250 | 5.000 | NTU | V |
| URANIUM (PCI/L) | 1.000 | 20.000 | PCI/L | < |
| URANIUM (PCI/L) | 2.350 | 20.000 | PCI/L | V |
| VINYL CHLORIDE | 0.000 | 0.500 | UG/L | V |
| XYLENES (TOTAL) | 0.160 | 1750.000 | UG/L | V |
| ZINC | 50.000 | 5000.000 | UG/L | < |
| ZINC | 0.000 | 5000.000 | UG/L | V |

## About

**IRVINE RANCH WATER DISTRICT**, located in **IRVINE (ORANGE CO.)**:

* services **120,739** connections to serve a total population of **412,933** individuals.
* has a primary water source type of **Surface Water**.

### Contact

IRVINE RANCH WATER DISTRICT  
PO BOX 57000 IRVINE, CA 92619  
949-453-5590

Health Agency: DISTRICT 08 - SANTA ANA  
2 MacArthur Place Suite 150, SANTA ANA, CA 92707  
714-558-4410  
Dwpdist08@waterboards.ca.gov

### Disclaimer

This Consumer Confidence Report was automatically generated, and hence, the data herein may be incomplete or inaccurate. The authors claim no liability or responsibility for data quality, and this data product falls under the [MIT License](https://github.com/caccr/cawdc_2019/LICENSE). This data represents the average result of all post-treatment samples from the period from 2019-01-01 to 2019-10-10.

**For questions about your local water quality, contact your water system.**

### FAQ

To view frequently asked questions, visit the FAQ online: [caccr.github.io/faq/](https://caccr.github.io/faq/)