



The District's Customer Service staff is available to assist you Monday through Friday, 8 AM to 5:30 PM.

### Educational Information and Special Health Information

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 USEPA's Safe Drinking Water Hotline — 1-800-426-4791.

### Other Water Information Sources

CA State Water Resources Control Board Division of Drinking Water:  
[waterboards.ca.gov/drinking\\_water/programs](http://waterboards.ca.gov/drinking_water/programs)

US Environmental Protection Agency: [water.epa.gov/drink](http://water.epa.gov/drink)

Centers for Disease Control: [cdc.gov](http://cdc.gov)

Fort Ord Cleanup Project: [fortordcleanup.com](http://fortordcleanup.com)



Laboratory staff continually monitor drinking water. Water quality data is posted monthly on the MCWD website ([www.mcwd.org](http://www.mcwd.org)).

## How to Read Water Quality Tables

The following tables list the results of detected contaminants in the District's distribution system and groundwater supply wells. While most monitoring was completed through December 2015, regulations allow the District to monitor certain chemicals less than once per year because the levels do not change frequently. The test results are divided into the following sections: *Primary Drinking Water Standards*,

*Secondary Drinking Water Standards*, *Other Constituents* and *Unregulated Contaminants*. To help better understand the report, use the *Definitions of Terms* given below.

To read the table, start with the column titled *Detected Contaminant(s)* and read across the row. *Units* express the amount measured. *MCL* shows the highest amount of contaminant allowed. *PHG/MCLG* is the goal amount for

that contaminant (this may be lower than what is allowed). *Year Tested* is usually in 2015 or for some contaminants the most recent sampling year. *Annual Average* is the average amount measured or detected. *Range* tells the lowest and highest amounts measured. A *No Violation* indicates that regulation requirements were met. *Major Sources in Drinking Water* tell where the contaminant usually originates.

## Distribution System Water Quality

### PRIMARY DRINKING WATER STANDARDS — Microbiology

| Detected Contaminant    | Units            | MCL                  | (MCLG) | Year Tested | Total Samples Collected & Month Positive                                      | Violation | Major Sources in Drinking Water       |
|-------------------------|------------------|----------------------|--------|-------------|-------------------------------------------------------------------------------|-----------|---------------------------------------|
| Total Coliform Bacteria | Positive Samples | 5.0% Monthly Samples | (0)    | 2015        | 526 Samples<br>1- Positive (1.9%) in March and 1-Positive (2.3%) in September | No        | Naturally present in the environment. |

### PRIMARY DRINKING WATER STANDARDS — Disinfection Byproducts & Disinfectant Residual

| Detected Contaminants                   | Units | MCL [MRDL] | PHG (MCLG) [MRDLG] | Year Tested | Annual Average | Range Low - High | Violation | Major Sources in Drinking Water                  |
|-----------------------------------------|-------|------------|--------------------|-------------|----------------|------------------|-----------|--------------------------------------------------|
| Total Trihalomethanes (TTHM)            | ppb   | 80         | n/a                | 2015        | 6.0            | 1.3 - 9.4        | No        | Byproduct of drinking water disinfection.        |
| Chlorine Residual [as Cl <sub>2</sub> ] | ppm   | [4.0]      | [4]                | 2015        | 1.09           | 0.08 - 2.20      | No        | Drinking water disinfectant added for treatment. |

### PRIMARY DRINKING WATER STANDARDS — Lead & Copper Indoor Tap Samples

| Detected Contaminant | Units | Action Level | PHG | Year Tested | * 90th Percentile Level | No. of Sites Above Action Level | Violation | Major Sources in Drinking Water                   |
|----------------------|-------|--------------|-----|-------------|-------------------------|---------------------------------|-----------|---------------------------------------------------|
| Copper               | ppm   | 1.3          | 0.3 | 2013        | 0.24                    | 0 of 32                         | No        | Internal corrosion of household plumbing systems. |

\* 90th Percentile: For compliance, the sample result at the 90th percentile level must be less than the Action Level for copper at 1.3 ppm. Action Level for lead is set at 15 ppb. Lead was not detected in Central Marina and Ord Community indoor tap water samples.

Not Detected Chemicals: The list of chemicals tested but not detected are reported at: [www.mcwd.org/2015ccr-ND.html](http://www.mcwd.org/2015ccr-ND.html).

### Definitions of Terms Used

**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.

**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.

**Primary Drinking Water Standards (PDWS):** MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

**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.

**Regulatory Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water supplier must follow.

**UCMR:** Unregulated Chemicals Monitoring Rule that help EPA and CDPH to determine where certain contaminants occur and need to be regulated.

**MRL:** Method Reporting Limit or the lower-limit of quantitation

n/a: Not Applicable

ND: Non-Detected

**Notification Level:** DDW established health-based advisory levels for chemicals in drinking water that lack maximum contaminant levels

NTU: Nephelometric Turbidity Units

pCi/L: picocuries per liter

ppm: parts per million or milligrams per liter

ppb: parts per billion or micrograms per liter

ppt: parts per trillion or nanograms per liter

TON: Threshold Odor Number