

# ATTACHMENT 7

## Consumer Confidence Report Certification Form (to be submitted with a copy of the CCR)

(to certify electronic delivery of the CCR, use the certification form on the Department's website at <http://www.cdph.ca.gov/certlic/drinkingwater/Pages/CCR.aspx>)

Water System Name: City of Mendota

Water System Number: 1010021

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 6/10/2014 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 California Department of Public Health.

Certified by: Name: Mark Nunez  
Signature: *Mark Nunez*  
Title: Interim Chief Plant Operator  
Phone Number: (559) 655-3291 Date: 6/10/2014

*To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:*

- CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: \_\_\_\_\_
- "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:
- Posting the CCR on the Internet at [www.cityofmendota.com](http://www.cityofmendota.com)
  - Mailing the CCR to postal patrons within the service area (attach zip codes used)
  - Advertising the availability of the CCR in news media (attach copy of press release)
  - 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) CITY HALL, LIBRARY
  - 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)
  - Other (attach a list of other methods used)
- For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: www.\_\_\_\_\_
- For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission

# 2013 Consumer Confidence Report

Water System Name: City of Mendota

Report Date: 6/10/2014

*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 - December 31, 2013 and may include earlier monitoring data.*

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

Type of water source(s) in use: The City of Mendota has three active groundwater wells and two on standby

Name & general location of source(s): Standby wells 3 and 5 located on Bass Ave. Well 7, 8, and 9 located 2 miles farther North.

Drinking Water Source Assessment information: Wells 7, 8 and are located in an area isolated from most possible contaminating activities (PCA). With the exception of irrigated crops and the associated application of fertilizers and chemicals there are no identified PCA's. The wells are susceptible to a variety of naturally occurring contaminants that are found throughout the San Joaquin Valley. The water produced by these wells is currently in compliance with all drinking water standards

Time and place of regularly scheduled board meetings for public participation: City Council meetings are held every second and fourth Tuesday of the month at 6:00 p.m. at City Hall. 643 Quince St.

For more information, contact: Mark Nunez Interim Chief Plant Operator Phone: (559) 655-3291

## TERMS USED IN THIS REPORT

**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 (USEPA).

**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.

**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.

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

**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.

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

**Variations and Exemptions:** Department permission 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)

**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.

**ppb:** parts per billion or micrograms per liter ( $\mu\text{g/L}$ )

**ppt:** parts per trillion or nanograms per liter ( $\text{ng/L}$ )

**ppq:** parts per quadrillion or picogram per liter ( $\text{pg/L}$ )

**pCi/L:** picocuries per liter (a measure of radiation)

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 by-products 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.

In order to ensure that tap water is safe to drink, the USEPA and the California Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, 7, 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 Department 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.

TABLE 1 – SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA					
Microbiological Contaminants (complete if bacteria detected)	Highest No. of Detections	No. of months in violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria	6	2	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i>	0	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or <i>E. coli</i>	0	Human and animal fecal waste

TABLE 2 – SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER							
Lead and Copper (complete if lead or copper detected in the last sample set)	Sample Date	No. of samples collected	90 <sup>th</sup> percentile level detected	No. sites exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	2012	20	N/D	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	2012	20	N/D	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)	2012	132	77-170	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	2012	5.69	0.87-9.0	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

\*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided later in this report.

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
Gross Alpha Particle Activity (pCi/L)	2009	2.15	<1.0-3.0	15	(0)	Generally found in Ground and Surface Water
Aluminum	2012	.01	.051-19	1	.6	Erosion of natural, residue from some surface water treatment process
Arsenic (ppb)	2012	4.6	<1.0-4.6	10	.004	Erosion of natural deposits, run off from orchards, glass and electronics production wastes
Chromium (ppb)	2012	ND	0	50	(100)	Discharge from steel and pulp mills and chrome plating, erosion of natural deposits
Fluoride (ppm)	2012	.63	.52-.75	2	1	Erosion of natural deposits, water additive
TTHM's (Total Trihalomethanes) (ppb)	2010	38.0	N/A	80	N/A	Byproduct of drinking water chlorination
Haloacetic Acids (ppb)	2010	9.3	N?A	60	(0)	Byproduct of drinking water chlorination
Chlorination Residual (ppm)	2013	.38	.01-.75	4.0	N/A	Byproduct of drinking water chlorination

TABLE 5 – DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Color (Units)	2012	5	5.0-5.0	15	N/A	Naturally occurring organic materials * (a)
Iron (ppb)	2013	190	ND-260	300	N/A	Leaching from natural deposits, Industrial wastes * (a)
Manganese (ppb)	2013	24.5	ND-28	50	N/A	Leaching from natural deposits

Turbidity (Units)	2012	0.1	.10-.10	5	N/A	Soil Runoff * (a)
Total Dissolved Solids TDS (ppm)	2013	375	240-510	1000	N/A	Leaching from natural deposits, Soil Runoff * (a)
Specific Conductance (micromhos) E.C.	2013	570	320-820	1600	N/A	Substance from Ions when in water, seawater influence * (a)
Chloride	2013	67	40-94	500	N/A	Substance from Ions when in water, seawater influence * (a)
Sulfate	2012	72.6	20-110	500	N/A	Leaching from natural deposits, Soil Runoff, Industrial waste * (a)

**TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Potassium (ppm)	2012	1.5	ND-2.4	N/A	No health effects language available
pH (Std. Units)	2012	8.5	8.4-8.7	N/A	No health effects language available

\*Any violation of an MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

### 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 USEPA’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. USEPA/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 for Community Water Systems: 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. [The City Of Mendota] 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 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 or at <http://www.epa.gov/safewater/lead>.

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