

# 2012 Consumer Confidence Report

Water System Name: **West Lane Mobile Home Park** Report Date: 03/11/13

*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, 2012*

**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: Groundwater Wells  
Name & location of source(s): North Well and South Well @ 11662 N. Ham Ln. Lodi, CA  
Drinking Water Source Assessment information: Performed in April of 2002 - See Last Page  
For more information, contact: Randy Johnson Phone #: (209) 484-5003

## **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.

**Primary Drinking Water Standards (PDWS):** MCLs 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.

**ND:** not detectable at testing limit

**ppm:** parts per million or milligrams per liter (mg/L)

**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 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).

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

**ppb:** parts per billion or micrograms per liter (ug/L)

**ppt:** parts per trillion or nanograms per liter (ng/L)

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

**NTU:** nephelometric turbidity unit

**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*, which 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, and septic systems.
- *Radioactive contaminants*, which 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 U. S. Environmental Protection Agency (USEPA) and the State 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 must provide the same protection for public health.

Tables 1, 2, 3, 4, 5, and 6 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	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria	(In a mo.) 0	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i>	(In the year) 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 (and reporting units)	No. of Samples Collected (Date)	90 <sup>th</sup> Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	9 (08/18/12)	< 5	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits.
Copper (ppm)	9 (08/18/12)	< 0.05	0	1.3	0.3	Internal corrosion of household water 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)	01/20/10	16	16 - 17	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	01/20/10	230	188 - 273	None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

\*Any regulated chemical 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	PHG (MCLG)	Typical Source of Contaminant
Nitrate as NO3 (ppm)	01/25/12	34	33 - 35	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Gross Alpha (pCi/l)	02/24/10	3	3 - 4	15	0	Erosion of natural deposits
Fluoride (ppm)	01/20/10	< 0.1	< 0.1 - 0.1	2	1	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Arsenic (ppb)	01/20/10	2	2 - 2	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Barium (ppm)	01/20/10	0.1	0.1 - 0.1	1	2	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Chromium (ppb)	01/20/10	14	12 - 16	50	(100)	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Dibromochloropropane [DBCP] (ppb)	2012	<b>0.4*</b>	<b>0.3 - 0.6</b>	0.2	0.002	Banned nematocide that may still be present in soils due to leaching from former crop use

**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
Total Dissolved Solids (ppm)	01/20/10	358	345 - 372	1000	N/A	Runoff/leaching from natural deposits
Specific Conductance (umho/cm)	01/20/10	474	425 - 524	1600	N/A	Substances that form ions when in water; seawater influence
Chloride (ppm)	01/20/10	6	4 - 8	500	N/A	Runoff/leaching from natural deposits; seawater influence
Sulfate (ppm)	01/20/10	10	9 - 11	500	N/A	Runoff/leaching from natural deposits' industrial wastes
Turbidity (NTU)	01/20/10	0.2	0.1 - 0.4	5	N/A	Soil runoff
Zinc (ppm)	01/20/10	< 0.05	< 0.05 - 0.06	5	N/A	Runoff/leaching from natural deposits; industrial wastes

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

**TABLE 6 - DETECTION OF ADDITIONAL CONTAMINANTS**

<b>Chemical or Constituent</b>	<b>Sample Date</b>	<b>Average Level Detected</b>	<b>Range of Detections</b>	<b>Typical Source of Contaminant</b>
Distribution System (After Filter) Dibromochloropropane [DBCP] (ppb)	2012	< 0.01	< 0.01 - < 0.01	Banned nematocide that may still be present in soils due to leaching from former crop use

*\*Any regulated chemical violation of an MCL or AL is asterisked. Additional information is provided below.*

### **Additional General Information On Drinking Water**

All 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.

Nitrate in drinking water at levels above 45 ppm is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 45 mg/L may also affect the ability of the blood to carry oxygen in other individuals. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

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 water system 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>.

### **Summary Information for Contaminants Exceeding an MCL or AL**

In 2012, dibromochloropropane (DBCP) was detected at both wells above the maximum allowable limit (MCL). This contaminant is typically associated with pesticide use. Some people who use water containing DBCP in excess of the MCL over many years may experience reproductive difficulties and may have an increased risk of getting cancer. Because of this, the park operates and maintains a filtration system that effectively eliminates DBCP from the drinking water. Routine monthly water testing after the filtration system is performed and confirms the elimination or significant reduction of DBCP to safe levels.

### **Vulnerability Assessment Summary**

A source water assessment was conducted for the North Well and South (standby) Well of the West Lane Mobile Home Park water system in April of 2002. The sources are considered most vulnerable to the following activities not associated with any detected contaminants: wastewater treatment plants. The sources are still considered vulnerable to activities located near the drinking water sources. For more information regarding the assessment summary, contact: Randy Johnson at West Lane M.H.P.