

2008 Consumer Confidence Report

Water System Name: Fairview Water Company, LLC

Report

Date: 6/29/09

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, 2008.

Este informe contiene informacion muy importante sobre su agua beber. Traduzcalo o hable con alguien que lo entienda bien.

Type of water source(s) in use: Groundwater

Name and location of sources: Wells, 01, 03

Drinking Water Source Assessment information: *Source water assessments were completed for the Fairview water supply wells in July 2001. No contaminants have been detected in the water supply. However, the sources are considered most vulnerable to the following activities: limited to septic tank proximity. Copies of the completed assessments are available for viewing at our office.*

For more information, contact Mario Cervantes, District Superintendent at (661) 805-7648.

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)

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)

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).

Maximum Residual Disinfectant Level (MRDL): The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs are set by the U.S. Environmental Protection Agency.

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 which a water system must follow.

Variations and Exemptions: Department permission to exceed an MCL or not comply with a treatment technique under certain conditions.

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. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infections by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791)

Summary Information for Contaminants Exceeding an MCL or AL, or a Violation of any Treatment or Monitoring and Reporting Requirement

While your drinking water meets the current standard for arsenic, it does contain low levels of arsenic. The standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The California Department of Health Services continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Table 1 - Sampling results showing the detection of Coliform Bacteria

Microbiological Contaminants (to be completed only if there was a detection of bacteria)	Highest No. of detections	No. of months in violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria (Systems that collect less than 40 samples per year.)	0	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform and E.Coli	0	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or E. Coli	0	Human and animal fecal waste

Table 2 - Sampling results showing the detection of Lead & Copper

Lead & Copper (To be completed only if there was a detection of lead or copper in the last sample set)	No. of samples collected	90th Percentile level detected	No. Sites exceeding AL	AL	PHG (MCLG)	Typical Source of Contaminant
Lead (ppb)	5	<.005	0	15	2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppb)	5	0.25	0	1.3	0.17	Internal corrosion of household water plumbing systems; erosion of natural deposits; leaching from wood preservatives.

Table 3 - Detection of Contaminants with a Primary Drinking Water Standard

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of	MCL (SMCL)	PHG (MCL)	Typical Source of Contaminant
Arsenic (ppb)	8/27/2007	<2	3	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Aluminum (ppm)	8/27/2007	<0.05	0.05	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes
Antimony (ppb)	8/27/2007	<2	<2	6	20	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Barium (ppm)	8/27/2007	0.011	0.066	1	2	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Beryllium (ppb)	8/27/2007	<1	<1	4	1	Discharge from metal refineries; coalburning factories; electrical, aerospace, defense industries
Cadmium (ppb)	8/27/2007	<1	<1	5	0.04	Internal corrosion of galvanized pipes; erosion of natural deposits; discharge from electroplating and industrial chemical factories and metal refineries; runoff from waste batteries and paints
Chlorine (ppm)	8/27/2007	1	1	4	(4)	Drinking water disinfectant added for treatment
Chromium (ppb)	8/27/2007	<10	<10	50	(100)	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Dibromochloropropane (DBCP) (pp)	6/10/2002	ND	0	200	1.7	Banned nematocide that may still be present in soils due to runoff/leaching from former use on soybeans, cotton, vineyards, tomatoes, and tree fruit
Ethylene Dibromide (EDB) (ppb)	6/10/2002	ND	0	5	1	Discharge from petroleum refineries; underground gas tank leaks; banned nematocide that may still be present in soils due to runoff and leaching from grain and fruit crops
Fluoride (ppm)	8/27/2007	0.021	0.021	2	1	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Mercury (ppb)	8/27/2007	<20	<20	2	1.2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills runoff from cropland
Nickel (ppb)	8/27/2007	<10	<10	100	12	Erosion of natural deposits; discharge from metal factories
Nitrate (NO ₃) (ppm)	8/27/2007	24	24	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite (as N) (ppm)	8/27/2007	<50	<50	1	1	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Perchlorate (ppb)	5/15/2008	5.5	5.5	6	6	Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, matches, and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historic aerospace or other industrial operations that used or use, store, or dispose of perchlorate and its salts.
Selenium (ppb)	8/27/2007	6.3	6.3	50	(50)	Discharge from petroleum, glass and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots
Thallium (ppb)	8/27/2007	<1	<1	2	0.1	Leaching from ore-processing sites; discharge from electronics, glass and drug factories
Disinfection Byproducts, Disinfectant Residuals, and Disinfection Byproduct Precursors						
TTHMs (Total Trihalomethanes) (pp)	N/A	0	0	80	N/A	Byproduct of drinking water chlorination
Haloacetic Acids (HAA5s) (ppb)	N/A	0	0	60	N/A	Byproduct of drinking water disinfection

Radioactive Contaminants

Gross Alpha Particle (pCi/L)	5/15/2008	3.4	3.4	15	0	Erosion of natural deposits
Radium 226 & 228 (total) (pCi/L)	5/17/2004	<1.0	1	5	0	Erosion of natural deposits
Uranium (pCi/L)	2/15/2008	0.8	0.8	20	0.43	Erosion of natural deposits

Volatile Organic Contaminants

Benzene (ppb)	5/13/2003	<.50	<.50	1	0.15	Discharge from plastics, dyes, and nylon factories; leaching from gas storage tanks and landfills
Carbon Tetrachloride (ppt)	5/13/2003	<500	<500	500	100	Discharge from chemical plants and other industrial activities
CIS-1,2-Dichloroethylene (ppb)	5/13/2003	<.50	<.50	6	100	Discharge from industrial chemical factories, major biodegradation byproduct of TCE and PCE groundwater contamination
Dichloromethane (ppb)	5/13/2003	10	10	5	4	Discharge from pharmaceutical and chemical factories; insecticide
Ethylbenzene (ppb)	5/13/2003	<.50	<.50	300	300	Discharge from petroleum refineries; industrial chemical factories
Methyl-Tert-Butyl-Ether (MTBE) (ppt)	5/15/2008	<.50	<.50	13	13	Leaking from underground gasoline storage tanks; discharges from petroleum and chemical factories
Monochlorobenzene (ppb)	5/13/2003	<.50	<.50	70	200	Discharge from industrial and agricultural chemical factories and drycleaning facilities
Styrene (ppb)	5/13/2003	<.50	<.50	100	(100)	Discharge from rubber and plastic factories; leaching from landfills
Tetrachloroethylene (PCE)(ppb)	5/13/2003	<.50	<.50	5	0.06	Discharge from factories, dry cleaner, and auto shops (metal degreaser)
Toluene (ppb)	5/13/2003	<.50	<.50	150	150	Discharge from petroleum and chemical factories; underground gas tank leaks
Trans-1,2 Dichloroethylene (ppb)	5/13/2003	<.50	<.50	10	60	Discharge from industrial chemical factories; minor biodegradation byproduct of TCE and PCE groundwater contamination
Trichloroethylene (TCE)(ppb)	5/13/2003	<.50	<.50	5	0.8	Discharge from metal degreasing sites and other factories
Trichlorofluoromethane(ppb)	5/13/2003	<.50	<.50	150	700	Discharge from industrial factories; degreasing solvent; propellant and refrigerant
Vinyl chloride (ppt)	5/13/2003	<500	<500	500	50	Leaching from PVC piping; discharge from plastics factories; biodegradation byproduct of TCE and PCE groundwater contamination
Xylenes (total) (ppb)	5/13/2003	<.50	<.50	1750	1800	Discharge from petroleum and chemical factories; fuel solvent
1,1-Dichloroethane (ppb)	5/13/2003	<.50	<.50	5	3	Extraction and degreasing solvent; used in the manufacture of pharmaceuticals, stone, clay, and glass products; fumigant
1,1-Dichloroethylene (ppb)	5/13/2003	<.50	<.50	6	10	Discharge from industrial chemical factories
1,1,1-Trichloroethane (ppb)	5/13/2003	<.50	<.50	200	1000	Discharge from metal degreasing sites and other factories; manufacture of food wrappings
1,1,2-Trichloro-1,2,2-Trifluoroethane	5/13/2003	<.50	<.50	1.2	4	Discharge from metal degreasing sites and other factories; drycleaning solvent; refrigerant
1,1,2-Trichloroethane (ppb)	5/13/2003	<.50	<.50	5	0.3	Discharge from industrial chemical factories
1,1,2,2-Tetrachloroethane (ppb)	5/13/2003	<.50	<.50	1	0.1	Discharge from industrial and agricultural chemical factories; solvent used in production of TCE, pesticides, varnish and lacquers
1,2-Dichlorobenzene (ppb)	5/13/2003	<.50	<.50	600	600	Discharge from industrial chemical factories
1,2-Dichloroethane (ppt)	5/13/2003	<500	<500	500	400	Discharge from industrial chemical factories
1,2-Dichloropropane (ppb)	5/13/2003	<.50	<.50	5	0.5	Discharge from industrial chemical factories; primary component of some fumigants
1,2,4-Trichlorobenzene (ppb)	5/13/2003	<.50	<.50	5	5	Discharge from textile-finishing factories
1,3-Dichloropropene (Total) (ppt)	5/13/2003	<500	<500	500	200	Runoff/leaching from nematocide used on croplands
1,4-Dichlorobenzene (ppb)	5/13/2003	<.50	<.50	5	6	Discharge from industrial chemical factories

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1,2-Dichloropropane (ppb)	5/13/2003	<.50	<.50	5	0.5	Discharge from industrial chemical factories; primary component of some fumigants
1,2,4-Trichlorobenzene (ppb)	5/13/2003	<.50	<.50	5	5	Discharge from textile-finishing factories
1,3-Dichloropropene (Total) (ppt)	5/13/2003	<500	<500	500	200	Runoff/leaching from nematocide used on croplands
1,4-Dichlorobenzene (ppb)	5/13/2003	<.50	<.50	5	6	Discharge from industrial chemical factories

