2008 Consumer Confidence Report

Water System Name: Fairview Water Company, LLC

Date: <u>6/29/09</u>

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, ordor, 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 mircrograms 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).

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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.

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



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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 heath 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.

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Table 1 - S	Sampling re	sults sho	wing the d	etection of (Coliforn	n 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	(More than 1 sa with a detection	ample in a month	0	Naturally present in the environment
Fecal Coliform and E.Coli	0		sample detect either sample a coliform or E. Co	ole and a repeat total coliform and also detects fecal bli detection of		Human and animal fecal waste
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

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Table 3 - Detection	of Contaminants with a Primary Drinking Water Standa	rd

Chemical or Constituent	Sample	Level	Range	MCL	PHG	Typical Source of Contaminant
(and reporting units)	Date	Detected	of	(SMCL)		
			***************************************	· · · · · · · · · · · · · · · · · · ·		Erosion of natural deposits; runoff from orchards;
						glass and electronics production wastes
Arsenic (ppb)	8/27/2007	<2.	3	10	0.004	The second secon
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	Dishcarge of oil drilling wastes and from metal refineries; erosion of natural deposits
	-					Discharge from metal refineries; coalburing factories electrical, aerospace, defense industries
Beryllium (ppb)	8/27/2007	<1	<1	4	1	
						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
Cadmium (ppb)	8/27/2007	<1	<1	5	0.04	·
Chlorine (ppm)	8/27/2007	1	1	. 4		Drinking water disinfectant added for treatment
						Discharge from steel and pulp mills and chrome
Chromium (ppb)	8/27/2007	<10	<10	50	(100)	plating; erosion of natural deposits
÷						Banned nematocide that may still be present in soils due to runoff/leaching from former use on soybeans, cotton, vineyards, tomatoes, and tree fruit
Dibromochloropropane (DBCP) (pp.	6/10/2002	ND	0	200	1.7	:
						Discharge from petroleum refineries; underground gatank leaks; banned nematocide that may still be present in soils due to runoff and leaching from grain and fruit crops
Ethylene Dibromide (EDB) (ppb)	6/10/2002	ND .	0	5	1	
						Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and
Fluoride (ppm)	8/27/2007	0.021	0.021	2	1	aluminum factories Erosion of natural deosits, discharge from refineries and factories; runoff from landfills runoff from
Mercury (ppb)	8/27/2007	<.20	<.20	2	1.2	cropland
VEF-1	3/2//2001					Erosion of natural deposits; discharge from metal
Nickel (ppb)	8/27/2007	<10	<10	100	12	factories
		:				Runoff and leaching from fertilizer use; leaching from
Nitrate (NO3) (ppm)	8/27/2007	24	24	45	45	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
	0.2172001	-	100	1		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.
Perchlorate (ppb)	5/15/2008	5.5	5.5	6	6	,
						Discharge from petroleum, glass and metal refineries erosion of natural deposits, discharge from mines and
Selenium (ppb)	8/27/2007	6.3	6.3	50	(50)	chemical manugacturers; runoff from livestock lots Leaching from ore-processing sites; discharge from
Thallium (ppb)	8/27/2007	<1	<1	2		electronics, glass and drug factories
Disinfection Byproducts, Di	isinfectan	t Risiduals	, and Dis	sinfection		
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

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Radioactive Contaminants	5450000			1		Erosion of natural deposits
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 20		Erosion of natural deposits
Uranium (pCi/L) Volatile Organic Contaminants	2/15/2008	0.8	0.8	20	0.43	
voiatile Organic Contaminants				Ì		Dishcharge from plastics, dyes, and nylon factories;
_						leaching from gas storage tanks and landfills
Benzene (ppb)	5/13/2003	<.50	<.50	1	0.15	Discharge from chemical plants and other industrial
Carbon Tetrachloride (ppt)	5/13/2003	<500	<500	500	100	activities
	:					Discharge from industrial chemical factories, major biodegradation byproduct of TCE and PCE
CIS-1,2-Dichloroethylene (ppb)	5/13/2003	<.50	<.50	6	100	araunduster contemination
						Discharge from pharmaceutical and chemcial
Dichloromethane (ppb)	5/13/2003	10	10	5	4	factories; insecticide Disharge from petroleum refineries; industrial
Ethylbenzene (ppb)	5/13/2003	<.50	<.50	300	300	ahamiaal faatariaa
, , , , , , , , , , , , , , , , , , , ,						Leaking from underground gasoline storage tanks,
Methyl-Tert-Butyl-Ether (MTBE) (ppl	5/15/2008	<.50	<.50	13	13	discharges from petroleum and chemical factories
(INT DE) (PPI	3/13/2000	~.50	~.50	10	10	Discharge from industrial and agricultural chemical
Monochlorobenzene (ppb)	5/13/2003	<.50	<.50	70	200	facoties and drycleaning facilities Discharge from rubber and plastic factories; leaching
Styrene (ppb)	5/13/2003	<.50	<.50	100	(100)	from landfills
						Discharge from factories, dry cleaner, and auto shops
Tetrachloroethylene (PCE)(ppb)	5/13/2003	<.50	<.50	5	0.06	(metal degreaser) Discharge from petroleum and chemical factories;
Toluene (ppb)	5/13/2003	<.50	<.50	150	150	underground gas tank leaks
						Discharge from industrial chemical factories; minor biodegradation byproduct of TCE and PCE
Trans-1,2 Dichloroethylene (ppb)	5/13/2003	<.50	<.50	10	60	groundwater contamination
						Discharge from metal degreasing sites and other
Trichloroethylene (TCE)(ppb)	5/13/2003	<.50	<.50	5	0.8	factories Discharge from industrial factories, degreasing
Trichloroflouromethane(ppb)	5/13/2003	<.50	<.50	150	700	solvent; propellant and refrigerant
						Leaching from PVC piping; discharge from plastics factories; biodegradation byproduct of TCE and PCE
Vinyl chloride (ppt)	5/13/2003	<500	<500	500	50	groundwater contamination
V. J (I at a D. / at a	E440,0000	. 50	- 50	4750	4000	Discharge from petroleum and chemical factories; fue solvent
Xylenes (total) (ppb)	5/13/2003	<.50	<.50	1750	1800	Extraction and degreasing solvent; used in the
						manufacture of pharmaceuticals, stone, clay, and
1,1-Dichloroethane (ppb)	5/13/2003	<.50	<.50	. 5		glass products; fumigant Discharge from industrial chemical factories
1,1-Dichloroethylene (ppb)	5/13/2003	<.50	<.50	6	10	Discharge from metal degreasing sites and other
						factories; manufacture of food wrappings
1,1,1-Trichloroethane (ppb)	5/13/2003	<.50	<.50	200	1000	Discharge from protein degreesing sites and other
1,1,2-Trichloro-1,2,2-Triflouroethane	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
VET. 1		<u> </u>				Discharge from industrial and agricultural chemical
1,1,2,2-Tetrachloroethane (ppb)	5/13/2003	<.50	<.50	1	0.1	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
widing obtaine (ppt)	37 7072003		-500	333		Discharge from industrial chemical factories; primary
1,2-Dichloropropane (ppb)	5/13/2003	<.50	<.50	5		component of some fumigants Discharge from textile-finishing factories
1,2,4-Trichlorobenzene (ppb)	5/13/2003	<.50	<.50	5	5	Runoff/leaching from nematocide used on croplands
1,3-Dichloropropene (Total) (ppt)	5/13/2003	<500	<500	500	200	Tanching from Homatoside daed on Gropianus
1,4-Dichlorobenzene (ppb)	5/13/2003	<.50	<.50	5	6	Discharge from industrial chemical factories

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Radioactive Contaminants						Francis of reduced deposits
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				-		Dishcharge from plastics, dyes, and nylon factories;
Benzene (ppb)	5/13/2003	<.50	<.50	1	0.15	leaching from gas storage tanks and landfills
Delizene (ppb)	3/13/2003	~.50	۷.50			Discharge from chemical plants and other industrial
Carbon Tetrachloride (ppt)	5/13/2003	<500	<500	500	100	activities Discharge from industrial chemical factories, major
CIS-1,2-Dichloroethylene (ppb)	5/13/2003	<.50	<.50	6	100	biodegradation byproduct of TCE and PCE
Dichloromethane (ppb)	5/13/2003	10	10	5	4	Discharge from pharmaceutical and chemcial factories; insecticide
Ethylbenzene (ppb)	5/13/2003	<:50	<.50	300	300	Disharge from petroleum refineries; industrial chemical factories
						Leaking from underground gasoline storage tanks;
Methyl-Tert-Butyl-Ether (MTBE) (ppl	5/15/2008	<.50	<.50	13	13	discharges from petroleum and chemical factories
Monochlorobenzene (ppb)	5/13/2003	<.50	<.50	70		Discharge from industrial and agricultural chemical facoties and drycleaning facilities
Churana (nnh)	E112/2002	- 50	- F0	100	(400)	Discharge from rubber and plastic factories; leaching from landfills
Styrene (ppb) Tetrachioroethylene (PCE)(ppb)	5/13/2003	<.50 <.50	<.50 <.50	100		Discharge from factories, dry cleaner, and auto shops (metal degreaser)
		· - · · · · · · · · · · · · · · · · · ·				Discharge from petroleum and chemical factories;
Toluene (ppb)	5/13/2003	<.50	<.50	150	150	underground gas tank leaks Discharge from industrial chemical factories; minor
Trans-1,2 Dichloroethylene (ppb)	5/13/2003	<.50	<.50	10	60	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
Trichloroflouromethane(ppb)	5/13/2003	<.50	<.50	150	700	Discharge from industrial factories; degreasing solvent; propellant and refrigerant
						Leaching from PVC piping; discharge from plastics factories; biodegradation byproduct of TCE and PCE groundwater contamination
Vinyl chloride (ppt)	5/13/2003	<500	<500	500	50	Discharge from petroleum and chemical factories; fuel
Xylenes (total) (ppb)	5/13/2003	<.50	<.50	1750	1800	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 chaminal factories
γ,				-		Discharge from metal degreasing sites and other
4.4.4 Trichleresthans (nuh)	5/42/2002	- 50	- 50	200	1000	factories; manufacture of food wrappings
1,1,1-Trichloroethane (ppb)	5/13/2003	<.50	<.50	200		Discharge from metal degreasing sites and other
1,1,2-Trichloro-1,2,2-Triflouroethane	5/13/2003	<.50	<.50	1.2	4	factories; drycleaning solvent; refrigerant
1,1,2-Trichloroethane (ppb)	5/13/2003	<.50	<.50	5	0.3	
4.4.0.0 Tahanahlamashka	E MA POSS	. FO	- 50			Discharge from industrial and agricultural chemical factories; solvent used in production of TCE, pesticides, varnish and lacquers
1,1,2,2-Tetrachloroethane (ppb)	5/13/2003	<.50	<.50	1	0.1	Discharge from industrial chemical factories
1,2-Dichlorobenzene (ppb)	5/13/2003	<.50	<.50	600	600	
1,2-Dichloroethane (ppt) 1,2-Dichloropropane (ppb)	5/13/2003	<500 <.50	<500 <.50	500 5	400 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 toutile Enjohing feeteries
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



Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of	MCL	PHG	Typical Source of Contaminant
Bicarbonate Alkalinity (ppm)	5/15/2008	215	215	None		
Calcium (ppm)	8/27/2007	85	85	None		Erosion of natural deposits
Carbonate Alkalinity (ppm)	5/15/2008	<2.2	<1.5	None		
						Runoff/leaching from natural deposits; seawater
Chloride (ppm)	8/27207	23	14	500	None	influence
Color	5/15/2008	4	5	N/A		Naturally - occuring organic materials
Foaming Agents (MBAS) (ppb)	5/15/2008	<.10	<.10	500		Municipal and industrial waste discharges
Hardness (Total) as CAC03	8/27/2007	310	140	None	None	Generally found in ground and surface water
Hydroxide Alkalinity (ppm)	5/15/2008	<.81	<.81	None		Leaching from natural deposits; industrial wastes
ron (ppb)	8/27/2007	<50	<50	300	None	Econing non natural acposito, industrial vacios
Maganese (ppb)	8/27/2007	<10	<10	50	None	Leaching from natural deposits.
Magnesium (ppm)	8/27/2007	24	11			Erosion of natural deposits
Odor (Units)	5/15/2008	ND	ND	3 Units		Naturally - occuring organic materials
PH, Laboratory	8/27/2007	7.7	4	None	None	Inherent characteristic of water
Silver (ppb)	8/27/2007	<10	<10	100	N/A	Industrial discharges
Sodium (ppm)	8/27/2007	27	27	None	None	Generally found in ground and surface water
Specific Conductance (EC)	5/15/2008	676	470	1600	N/A	Substances that form irons when in water, Seawater influence
		·				Runoff/leaching from natural deposits; industrial
Sulfate (ppm)	8/27/2007	136	44	500		wastes
Total Dissolved Solids (TDS) (ppm)	5/15/2008	500	290	1000		Runoff/leaching from Natural deposits
Turbidity (NTU)	6/22/2006	<.10	<.10	5 Units	None	Soil runoff Runoff/leaching from natural deposits; industrial
Zinc (ppb)	6/22/2006	100	<50	5000	(5)	
	6/22/2006	100				wastes
Zinc (ppb) *Any Violation of an MCL or AL is as						wastes
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