2014 Consumer Confidence Report

Water System Name: COUNTRY MANOR MHP Report Date: June 2015

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, 2014.

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

Type of water source(s) in use: According to CDPH records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

Your water comes from 2 source(s): Well#1 and Well#2

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings currently are not held.

For more information about this report, or any questions relating to your drinking water, please call (209) 838 - 7842 and ask for Quality Service Inc..

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically 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.

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.

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

Secondary Drinking Water Standards (SDWS): MCLs for the 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 mush follow.

ND: not detectable at testing limit

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

ppb: parts per billion or micrograms per liter (µg/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 if 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 and 5 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 LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in last sample set)	**Sample Date**	**90th percentile level detected**	**No. Sites Exceeding AL**	**AL**	**PHG**	**Typical Sources of Contaminant**
Lead (ppb)	5 (2012)	3.3	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits
Copper (ppm)	5 (2012)	0.05	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Sodium (ppm)	(2012 - 2014)	22	18 - 26	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	(2012 - 2014)	84.6	57.1 - 112	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 3 - 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 Sources of Contaminant**
Arsenic (ppb)	(2012 - 2014)	3	2 - 3	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes

Fluoride (ppm)	(2012 - 2014)	ND	ND - 0.1	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate (ppm)	(2014)	10.6	5.9 - 15.2	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (ppm)	(2012 - 2014)	2.3	1.2 - 3.4	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2011 - 2013)	ND	ND - 1.40	15	(0)	Erosion of natural deposits.

Table 4 - 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 Sources of Contaminant
Chloride (ppm)	(2012 - 2014)	12	7 - 17	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ppb)	(2012 - 2014)	ND	ND - 180	300	n/a	Leaching from natural deposits; Industrial wastes
Specific Conductance (umhos/cm)	(2012 - 2014)	272	198 - 345	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (ppm)	(2012 - 2014)	13.6	10 - 17.2	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	(2012 - 2014)	175	130 - 220	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2012 - 2014)	0.4	ND - 0.8	5	n/a	Soil runoff
Zinc (ppm)	(2012 - 2014)	ND	ND - 0.05	5	n/a	Runoff/leaching from natural deposits

Table 5 - DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Vanadium (ppm)	(2012 - 2014)	0.02	N/A	0.05	The babies of some pregnant women who drink water containing vanadium in excess of the action level may have an increased risk of developmental effects, based on studies in laboratory animals.

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts if 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 the service lines and home plumbing. *Country Manor Mobile Home* 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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Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 01 and the WELL 02 of the COUNTRY MANOR MHP water system in September, 2001.

Well#1 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Grazing [> 5 large animals or equivalent per acre]
Septic systems - low density [<1/acre]
Sewer collection systems

Well#2 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Grazing [> 5 large animals or equivalent per acre]
Septic systems - low density [<1/acre]
Sewer collection systems

Acquiring Information

A copy of the complete assessment may be viewed at:
San Joaquin County
Environmental Health Division
304 E. Weber Ave, 3rd Floor
Stockton, CA 95202

You may request a summary of the assessment be sent to you by contacting:
Willy Ng, REHS
SJ Co Environmental Health Division
(209) 468-3448
wng@phs.hs.co.san-joaquin.ca.us

Country Manor Mobile Home

Analytical Results By FGL - 2014

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Lead		ppb	0	15	0.2			3.25	5
Space #16	STK1236460-4	ppb				2012-07-06	ND		
Space #26	STK1236460-1	ppb				2012-07-06	ND		
Space #28	STK1236460-5	ppb				2012-07-06	6.5		
Space #36	STK1236460-2	ppb				2012-07-07	ND		
Space #9	STK1236460-3	ppb				2012-07-06	ND		
Copper		ppm		1.3	.3			0.05	5
Space #16	STK1236460-4	ppm				2012-07-06	ND		
Space #26	STK1236460-1	ppm				2012-07-06	0.10		
Space #28	STK1236460-5	ppm				2012-07-06	ND		
Space #36	STK1236460-2	ppm				2012-07-07	ND		
Space #9	STK1236460-3	ppm				2012-07-06	ND		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		ppm		none	none			22	18 - 26
Well#1	STK1437039-1	ppm				2014-07-15	26		
Well#2	STK1230163-1	ppm				2012-01-05	18		
Hardness		ppm		none	none			84.6	57.1 - 112
Well#1	STK1437039-1	ppm				2014-07-15	112		
Well#2	STK1230163-1	ppm				2012-01-05	57.1		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ppb		10	0.004			3	2 - 3
Well#1	STK1437039-1	ppb				2014-07-15	2		
Well#2	STK1230163-1	ppb				2012-01-05	3		
Fluoride		ppm		2	1			ND	ND - 0.1
Well#1	STK1437039-1	ppm				2014-07-15	ND		
Well#2	STK1230163-1	ppm				2012-01-05	0.1		
Nitrate		ppm		45	45			10.6	5.9 - 15.2
Well#1	STK1437039-1	ppm				2014-07-15	15.2		
Well#2	STK1430203-1	ppm				2014-01-09	5.9		
Nitrate + Nitrite as N		ppm		10	10			2.3	1.2 - 3.4
Well#1	STK1437039-1	ppm				2014-07-15	3.4		
Well#2	STK1230163-1	ppm				2012-01-05	1.2		
Gross Alpha		pCi/L		15	(0)			ND	ND - 1.40
Well#1	STK1131966-1	pCi/L				2011-03-08	ND		
Well#2	STK1331859-1	pCi/L				2013-03-05	1.40		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		ppm		500	n/a			12	7 - 17
Well#1	STK1437039-1	ppm				2014-07-15	17		
Well#2	STK1230163-1	ppm				2012-01-05	7		
Iron		ppb		300	n/a			ND	ND - 180
Well#1	STK1437039-1	ppb				2014-07-15	180		
Well#2	STK1230163-1	ppb				2012-01-05	ND		
Specific Conductance		umhos/cm		1600	n/a			272	198 - 345
Well#1	STK1437039-1	umhos/cm				2014-07-15	345		

Well#2	STK1230163-1	umhos/cm				2012-01-05	198		
Sulfate		ppm		500	n/a			13.6	10 - 17.2
Well#1	STK1437039-1	ppm				2014-07-15	17.2		
Well#2	STK1230163-1	ppm				2012-01-05	10		
Total Dissolved Solids		ppm		1000	n/a			175	130 - 220
Well#1	STK1437039-1	ppm				2014-07-15	220		
Well#2	STK1230163-1	ppm				2012-01-05	130		
Turbidity		NTU		5	n/a			0.4	ND - 0.8
Well#1	STK1437039-1	NTU				2014-07-15	0.8		
Well#2	STK1251745-1	NTU				2012-12-27	ND		
Zinc		ppm		5	n/a			ND	ND - 0.05
Well#1	STK1437039-1	ppm				2014-07-15	ND		
Well#2	STK1230163-1	ppm				2012-01-05	0.05		

UNREGULATED CONTAMINANTS								
		Units	**MCLG**	**CA-MCL**	**PHG**	**Sampled**	**Result**	**Avg. Result(a)**	**Range (b)**
Vanadium		ppm		NS	n/a			0.02	0.02 - 0.02
Well#1	STK1437039-1	ppm				2014-07-15	0.02		
Well#2	STK1230163-1	ppm				2012-01-05	0.02		

Country Manor Mobile Home

CCR Login Linkage - 2014

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Space #1	STK1430202-1	2014-01-09	Coliform	Space #1	Drinking Water Monitoring-Odd
	STK1432050-1	2014-03-07	Coliform	Space #1	Drinking Water Monitoring-Odd
	STK1434527-1	2014-05-13	Coliform	Space #1	Drinking Water Monitoring-Odd
	STK1436911-1	2014-07-11	Coliform	Space #1	Drinking Water Monitoring-Odd
	STK1439006-1	2014-09-04	Coliform	Space #1	Drinking Water Monitoring-Odd
	STK1451263-1	2014-11-06	Coliform	Space #1	Drinking Water Monitoring-Odd
Space #16	STK1236460-4	2012-07-06	Metals, Total	Space #16	Lead & Copper Monitoring 17251 N. Tretheway Road
	STK1431101-1	2014-02-06	Coliform	Space #16	Drinking Water Monitoring-Even
	STK1433085-1	2014-04-09	Coliform	Space #16	Drinking Water Monitoring-Even
	STK1435288-1	2014-06-03	Coliform	Space #16	Drinking Water Monitoring-Even
	STK1437880-1	2014-08-07	Coliform	Space #16	Drinking Water Monitoring-Even
	STK1450025-1	2014-10-01	Coliform	Space #16	Drinking Water Monitoring-Even
	STK1452176-1	2014-12-02	Coliform	Space #16	Drinking Water Monitoring-Even
Sample #1	STK1236460-1	2012-07-06	Metals, Total	Space #26	Lead & Copper Monitoring 17251 N. Tretheway Road
Space #28	STK1236460-5	2012-07-06	Metals, Total	Space #28	Lead & Copper Monitoring 17251 N. Tretheway Road
Space #36	STK1236460-2	2012-07-07	Metals, Total	Space #36	Lead & Copper Monitoring 17251 N. Tretheway Road
Space #9	STK1236460-3	2012-07-06	Metals, Total	Space #9	Lead & Copper Monitoring 17251 N. Tretheway Road
Well 1-by clbhs	STK1131966-1	2011-03-08	Radio Chemistry	Well#1	Well #1 Radio Monitoring
	STK1437039-1	2014-07-15	Wet Chemistry	Well#1	Well 1 - 3 Year Monitoring
	STK1437039-1	2014-07-15	General Mineral	Well#1	Well 1 - 3 Year Monitoring
	STK1437039-1	2014-07-15	Metals, Total	Well#1	Well 1 - 3 Year Monitoring
Well 2	STK1230163-1	2012-01-05	General Mineral	Well#2	Well 2 - 3 Year Monitoring
	STK1230163-1	2012-01-05	Metals, Total	Well#2	Well 2 - 3 Year Monitoring
	STK1251745-1	2012-12-27	Wet Chemistry	Well#2	Well 2 - 3 Year Monitoring
	STK1331859-1	2013-03-05	Radio Chemistry	Well#2	Well #2 Radio Monitoring
	STK1430203-1	2014-01-09	Wet Chemistry	Well#2	Well 2 - 3 Year Monitoring