2014 Consumer Confidence Report

Water System Name: BTQC-ESCALON 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 A and Well B

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.

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.

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)

ppt: parts per trillion or nanograms per liter (ng/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 and 3 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**
Copper (ppm)	5 (2012)	0.03	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - 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)	(2014)	ND	ND - 3	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Hexavalent Chromium (ppb)	(2014)	1.9	ND - 3.7	10	0.02	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits.
Nitrate (ppm)	(2014)	12.9	ND - 25.8	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2008)	ND	ND - 1.19	15	(0)	Erosion of natural deposits.
Dibromochloropropane (DBCP) (ppt)	(2014)	35	10 - 60	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

Table 3 - 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)	(2014)	0.02	ND - 0.03	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. *Barrel Ten Quarter Circle Winery* 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 WELL A and Well B of the CANANDAIGUA WEST INC water system in September, 2002.

Well A - is considered most vulnerable to the following activities not associated with any detected contaminants:
Food processing
Transportation corridors - Freeways/state highways
Transportation corridors - Railroads
Wells - Water supply

Well B - is considered most vulnerable to the following activities not associated with any detected contaminants:
Food processing
Transportation corridors - Freeways/state highways
Transportation corridors - Railroads
Wells - Water supply

Discussion of Vulnerability

Well A - There have been no contaminants detected in the water supply, however the source is still considered vulnerable to activities located near the drinking water source.
Well B - There have been no contaminants detected in the water supply, however the source is still considered

Barrel Ten Quarter Circle Winery

Analytical Results By FGL - 2014

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		ppm		1.3	.3			0.03	4
Lab Lunch Room Sink Tap	STK1237648-3	ppm				2012-08-09	ND		
Maint. Lunchroom Sink Tap	STK1237648-4	ppm				2012-08-09	ND		
Mary Bell Norris Res. Kitchen	STK1237648-1	ppm				2012-08-09	ND		
Womens East R.R. Sink Tap	STK1237648-5	ppm				2012-08-09	0.06		
Womens R.R. Sink Tap	STK1237648-2	ppm				2012-08-09	ND		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ppb		10	0.004			ND	ND - 3
Well A	STK1432290-2	ppb				2014-03-14	3		
Well B	STK1432290-1	ppb				2014-03-14	ND		
Hexavalent Chromium		ppb		10	0.02			1.9	ND - 3.7
Well A	STK1452843-1	ppb				2014-12-18	3.7		
Well B	STK1452843-2	ppb				2014-12-18	ND		
Nitrate		ppm		45	45			12.9	ND - 25.8
Well A	STK1432290-2	ppm				2014-03-14	25.8		
Well B	STK1432290-1	ppm				2014-03-14	ND		
Gross Alpha		pCi/L		15	(0)			ND	ND - 1.19
Well A	STK0833443-1	pCi/L				2008-04-08	1.05		
Well A	STK0830236-1	pCi/L				2008-01-08	ND		
Well B	STK0833443-2	pCi/L				2008-04-08	1.19		
Well B	STK0830236-2	pCi/L				2008-01-08	ND		
Dibromochloropropane (DBCP)		ppt		200	1.7			35	10 - 60
Well A	STK1432289-2	ppt				2014-03-14	60		
Well B	STK1432289-1	ppt				2014-03-14	10		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Vanadium		ppm		NS	n/a			0.02	ND - 0.03
Well A	STK1432290-2	ppm				2014-03-14	0.03		
Well B	STK1432290-1	ppm				2014-03-14	ND		

Barrel Ten Quarter Circle Winery
CCR Login Linkage - 2014

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Cellar Employee	STK1431361-1	2014-02-12	Coliform	Cellar Employee Lunchroom	Bacteriological Sampling-Even
	STK1433178-1	2014-04-09	Coliform	Cellar Employee Lunchroom	Bacteriological Sampling-Even
	STK1435000-5	2014-05-22	Coliform	Cellar Employee Lunchroom	Bacteriological Sampling
	STK1435696-1	2014-06-11	Coliform	Cellar Employee Lunchroom	Bacteriological Sampling-Even
	STK1438036-1	2014-08-13	Coliform	Cellar Employee Lunchroom	Bacteriological Sampling-Even
	STK1439610-4	2014-09-18	Coliform	Cellar Employee Lunchroom	Bacteriological Sampling
	STK1450637-1	2014-10-15	Coliform	Cellar Employee Lunchroom	Bacteriological Sampling-Even
	STK1452522-1	2014-12-10	Coliform	Cellar Employee Lunchroom	Bacteriological Sampling-Even
Lab Lunch Room	STK1237648-3	2012-08-09	Metals, Total	Lab Lunch Room Sink Tap	Lead & Copper Monitoring
LAB SINK	STK1438848-3	2014-08-29	Coliform	Lab Sink	Bacteriological Sampling
	STK1439610-1	2014-09-18	Coliform	Lab Sink	Bacteriological Sampling
Maint. Lunchroo	STK1237648-4	2012-08-09	Metals, Total	Maint. Lunchroom Sink Tap	Lead & Copper Monitoring
Maintenance	STK1438848-2	2014-08-29	Coliform	Maintenance Breakroom Sink	Bacteriological Sampling
Maintenance Lun	STK1435000-3	2014-05-22	Coliform	Maintenance Lunchroom	Bacteriological Sampling
	STK1439610-2	2014-09-18	Coliform	Maintenance Lunchroom	Bacteriological Sampling
Mary Bell Norri	STK1237648-1	2012-08-09	Metals, Total	Mary Bell Norris Res. Kitchen	Lead & Copper Monitoring
Office	STK1430577-1	2014-01-17	Coliform	Office	Bacteriological Sampling-Odd
	STK1432213-1	2014-03-12	Coliform	Office	Bacteriological Sampling-Odd
	STK1434618-1	2014-05-14	Coliform	Office	Bacteriological Sampling-Odd
	STK1437370-1	2014-07-23	Coliform	Office	Bacteriological Sampling-Odd
	STK1439610-3	2014-09-18	Coliform	Office	Bacteriological Sampling
	STK1439785-1	2014-09-24	Coliform	Office	Bacteriological Sampling-Odd
	STK1451571-1	2014-11-18	Coliform	Office	Bacteriological Sampling-Odd
Office HB	STK1435000-4	2014-05-22	Coliform	Office HB	Bacteriological Sampling
Off. HB	STK1438848-1	2014-08-29	Coliform	Office HB	Bacteriological Sampling
Well A	STK0830236-1	2008-01-08	Radio Chemistry	Well A	Radio Monitoring
	STK0833443-1	2008-04-08	Radio Chemistry	Well A	Radio Monitoring
	STK1432290-2	2014-03-14	Wet Chemistry	Well A	Water Monitoring
	STK1432289-2	2014-03-14	EPA 504.1	Well A	VOC/SOC Monitoring
	STK1432290-2	2014-03-14	Metals, Total	Well A	Water Monitoring
	STK1435000-1	2014-05-22	Coliform	Well A	BTQC-ESCALON
	STK1438848-4	2014-08-29	Coliform	Well A	BTQC-ESCALON
	STK1439610-5	2014-09-18	Coliform	Well A	BTQC-ESCALON
	STK1452843-1	2014-12-18	Wet Chemistry	Well A	Chrome 6 Monitoring
Well B	STK0830236-2	2008-01-08	Radio Chemistry	Well B	Radio Monitoring
	STK0833443-2	2008-04-08	Radio Chemistry	Well B	Radio Monitoring
	STK1432289-1	2014-03-14	EPA 504.1	Well B	VOC/SOC Monitoring
	STK1432290-1	2014-03-14	Wet Chemistry	Well B	Water Monitoring
	STK1432290-1	2014-03-14	Metals, Total	Well B	Water Monitoring
	STK1435000-2	2014-05-22	Coliform	Well B	BTQC-ESCALON
	STK1438848-5	2014-08-29	Coliform	Well B	BTQC-ESCALON
	STK1439610-6	2014-09-18	Coliform	Well B	BTQC-ESCALON
	STK1452843-2	2014-12-18	Wet Chemistry	Well B	Chrome 6 Monitoring
Womens Est R.R.	STK1237648-5	2012-08-09	Metals, Total	Womens East R.R. Sink Tap	Lead & Copper Monitoring
Womens R.R. Sin	STK1237648-2	2012-08-09	Metals, Total	Womens R.R. Sink Tap	Lead & Copper Monitoring

vulnerable to activities located near the drinking water source.

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

You may request a summary of the assessment be sent to you by contacting:
Small Public Water Systems
SJ Co Environmental Health Department
(209) 468-3420

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 State Board's website at http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name: **BTQC-ESCALON**
Water System Number: **3900796**

The water system above hereby certifies that its Consumer Confidence Report was distributed on 6/26/15 (date) 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 State Water Resources Control Board, Division of Drinking Water.

Certified By:
Name: Lawrence E. Rocha
Signature: [signature]
Title: Plant Manager
Phone Number: (209) 691-7561 Date: 6/26/15

To summarize report delivery used and good-faith efforts taken, please complete the form 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 customers. Those efforts included the following methods:

- _____ Posted the CCR on the internet at http:// _____
- _____ Mailed the CCR to postal patrons within the service area (attach zip codes used)
- _____ Advertised the availability of the CCR in news media (attach a 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 the newspaper and date published)
- X Posted the CCR in public places (attach a list of locations) at Bulletin Board throughout the plant.
- _____ Delivery of multiple copies of CCR to single bill 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: http://_____

_____ *For privately-owned utilities:* Delivered the CCR to the California Public Utilities Commission

(This form is provided as a convenience and may be used to meet the certification requirement of section 64483(c), California Code of Regulations.)