

# 2018 Consumer Confidence Report

Water System Name: S M S BRINERS INC

Report Date: March 2019

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, 2018.

**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:** According to SWRCB records, WELL B is Groundwater. This Assessment was done using the Default Groundwater System Method. This info is not available for WELL D or WELL E, as they do not have a completed assessment on file. Please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

**Your water comes from 3 source(s):** Well B, Well D and Well E  
**and from 1 treated location(s):** Inplant Relish Water

**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)941-8515 and ask for Robert Chelli, General Manager or visit our website at [www.Krugerfoods.com](http://www.Krugerfoods.com).

## 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 must follow.

**Level 1 Assessment:** A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

**Level 2 Assessment:** A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

**ND:** not detectable at testing limit

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

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

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

**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 of 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 State Water Resource Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that 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 State Board 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.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

<b>Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA</b>					
<b>Microbiological Contaminants</b> (complete if bacteria detected)	<b>Highest No. of Detections</b>	<b>No. of Months in Violation</b>	<b>MCL</b>	<b>MCLG</b>	<b>Typical Sources of Contaminant</b>
Total Coliform Bacteria	2/mo. (2018)	1	no more than 1 positive monthly sample	0	Naturally present in the environment.

<b>Table 2 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER</b>						
<b>Lead and Copper</b> (complete if lead or copper detected in last sample set)	<b>Sample Date</b>	<b>90th percentile level detected</b>	<b>No. Sites Exceeding AL</b>	<b>AL</b>	<b>PHG</b>	<b>Typical Sources of Contaminant</b>
Copper (mg/L)	5 (2018)	0.04	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

<b>Table 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD</b>						
<b>Chemical or Constituent</b> (and reporting units)	<b>Sample Date</b>	<b>Level Detected</b>	<b>Range of Detections</b>	<b>MCL [MRDL]</b>	<b>PHG (MCLG) [MRDLG]</b>	<b>Typical Sources of Contaminant</b>
Aluminum (mg/L)	(2018)	ND	ND - 0.05	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes
Arsenic (ug/L)	(2018)	3	2 - 4	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Barium (mg/L)	(2018)	0.12	0.10 - 0.16	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits

Chromium (ug/L)	(2018)	ND	ND - 13	50.0	n/a	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Fluoride (mg/L)	(2018)	0.1	0.1 - 0.2	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate as N (mg/L)	(2018)	4.8	3.7 - 6.6	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Dibromochloropropane (DBCP) (ppt)	(2018)	10	ND - 30	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
1,2,3-Trichloropropane (1,2,3-TCP) (ug/L)	(2018)	ND	ND - 0.005	0.005	0.0007	

**Table 4 - TREATED 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
Aluminum (mg/L)	(2018)	ND	n/a	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes

**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 (mg/L)	(2018)	0.02	0.015 - 0.024	0.05	Vanadium exposures resulted in developmental and reproductive effects in rats.

**Table 6 - DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG)	Violation	Typical Sources of Contaminant
Chlorine (mg/L)	(2018)	0.00	n/a	4.0	4.0	No	Drinking water disinfectant added for treatment.

## Additional General Information on Drinking Water

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 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. *S M S Briners Inc.* 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/lead>.

## **Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement**

**About our Total Coliform Bacteria:** Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

## **2018 Consumer Confidence Report Drinking Water Assessment Information**

### **Assessment Information**

A source water assessment was conducted for the WELL B of the SMS BRINERS INC water system in April, 2002. A source water assessment has not been completed for the WELL D and WELL E of the SMS BRINERS INC water system.

### **Discussion of Vulnerability**

Assessment summaries are not available for some sources. This is because:

- The Assessment has not been completed. Contact the local Department of Health Services (DHS) Drinking Water field office or the water system to find out when the Assessment is scheduled to be done.
- The source is not active. It may be out of service, or new and not yet in service.
- The Assessment was not submitted electronically. The site used to obtain Assessments only provides access to Assessment summaries submitted electronically.

### **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

For more info you may visit <http://swap.ice.ucdavis.edu/TSinfo/TSintro.asp> or contact the health department in the county to which the water system belongs.

Environmental Health Department  
(209) 468-3420

For more info you may visit <http://swap.ice.ucdavis.edu/TSinfo/TSintro.asp> or contact the health department in the county to which the water system belongs.

**S M S Briners Inc.**  
**Analytical Results By FGL - 2018**

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Total Coliform Bacteria</b>			0	5%	n/a			1	2 - 2
HB @ Bladder Tanks (Kruger)	STK1856584-4					2018-11-20	<1.0		
HB N Side of Entrance	STK1855455-1					2018-10-29	<1.0		
HB N Side of Entrance	STK1855349-1					2018-10-22	2		
Kruger Office-E. Side - HB	STK1857659-1					2018-12-11	Absent		
Kruger Office-E. Side - HB	STK1851515-1					2018-08-13	Absent		
Kruger Office-E. Side - HB	STK1838379-1					2018-06-14	Absent		
Kruger Office-E. Side - HB	STK1835299-1					2018-04-23	Absent		
Kruger Office-E. Side - HB	STK1831927-1					2018-02-13	Absent		
Kruger Office-N. Side - HB	STK1855245-1					2018-10-19	Present		
Sample Tap West of Office SMS	STK1856584-3					2018-11-20	<1.0		
Sample Tap @ Bladder Tanks	STK1855349-4					2018-10-22	<1.0		
SMS Briners Office -Sample Tap	STK1856584-1					2018-11-20	<1.0		
SMS Briners Office -Sample Tap	STK1856584-2					2018-11-20	<1.0		
SMS Briners Office -Sample Tap	STK1853016-1					2018-09-11	Absent		
SMS Briners Office -Sample Tap	STK1839920-1					2018-07-16	Absent		
SMS Briners Office -Sample Tap	STK1835594-1					2018-05-01	Absent		
SMS Briners Office -Sample Tap	STK1833413-1					2018-03-20	Absent		
SMS Briners Office -Sample Tap	STK1830555-1					2018-01-10	Absent		
Wellhead D	STK1855349-3					2018-10-22	<1.0		
Wellhead E	STK1855349-2					2018-10-22	<1.0		

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
<b>Copper</b>		mg/L		1.3	.3			0.04	5
CuPb-Breakroom Sink (Kruger)	STK1852849-4	mg/L				2018-09-05	0.08		
CuPb-Lab Sink (Kruger)	STK1852849-5	mg/L				2018-09-06	ND		
CuPb-OldOffice KtchnSink (SMS)	STK1852849-1	mg/L				2018-09-05	ND		
CuPb-OldOffice Men RR (SMS)	STK1852849-2	mg/L				2018-09-05	ND		
CuPb-OldOffice Women RR (SMS)	STK1852849-3	mg/L				2018-09-05	ND		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Aluminum</b>		mg/L		1	0.6			ND	ND - 0.05
Well B	STK1855199-1	mg/L				2018-10-19	0.05		
Well B	STK1855199-1	mg/L				2018-10-19	0.05		
Well B	STK1850096-1	mg/L				2018-07-16	ND		
Well D	STK1838318-2	mg/L				2018-06-14	ND		
Well D	STK1830504-1	mg/L				2018-01-10	ND		
Well E	STK1838318-3	mg/L				2018-06-14	ND		
Well E	STK1830504-2	mg/L				2018-01-10	ND		
<b>Arsenic</b>		ug/L		10	0.004			3	2 - 4
Well B	STK1855199-1	ug/L				2018-10-19	2		
Well D	STK1830504-1	ug/L				2018-01-10	4		
Well E	STK1830504-2	ug/L				2018-01-10	4		
<b>Barium</b>		mg/L	2	1	2			0.12	0.10 - 0.16
Well B	STK1855199-1	mg/L				2018-10-19	0.10		
Well D	STK1830504-1	mg/L				2018-01-10	0.10		
Well E	STK1830504-2	mg/L				2018-01-10	0.16		
<b>Chromium</b>		ug/L	100	50.0	n/a			ND	ND - 13



# S M S Briners Inc.

## CCR Login Linkage - 2018

FGL Code	Lab ID	Date Sampled	Method	Description	Property
CuPb-ss04	STK1852849-4	2018-09-05	Metals, Total	CuPb-Breakroom Sink (Kruger)	Copper & Lead Monitoring
CuPb-ss05	STK1852849-5	2018-09-06	Metals, Total	CuPb-Lab Sink (Kruger)	Copper & Lead Monitoring
CuPb-ss01	STK1852849-1	2018-09-05	Metals, Total	CuPb-OldOffice KtchnSink (SMS)	Copper & Lead Monitoring
CuPb-ss02	STK1852849-2	2018-09-05	Metals, Total	CuPb-OldOffice Men RR (SMS)	Copper & Lead Monitoring
CuPb-ss03	STK1852849-3	2018-09-05	Metals, Total	CuPb-OldOffice Women RR (SMS)	Copper & Lead Monitoring
Bacti-Rpt-ss04	STK1856584-4	2018-11-20	Coliform	HB @ Bladder Tanks (Kruger)	Repeat Bacteriological Sampling
Bacti-Rpt-ss18	STK1855349-1	2018-10-22	Coliform	HB N Side of Entrance	Bacteriological Sampling
	STK1855455-1	2018-10-29	Coliform	HB N Side of Entrance	Bacteriological Sampling
Inplant Relish	STK1838318-1	2018-06-14	Metals, Total	Inplant Relish Water	S M S BRINERS INC
Bacti-Sub-ss01	STK1833541-1	2018-03-20		Inside Plant	Giardia & Cryptosporidium Monitoring
Bacti-Rout-Even	STK1831927-1	2018-02-13	Coliform	Kruger Office-E. Side - HB	Bacteriological Sampling-Even
	STK1835299-1	2018-04-23	Coliform	Kruger Office-E. Side - HB	Bacteriological Sampling-Even
	STK1838379-1	2018-06-14	Coliform	Kruger Office-E. Side - HB	Bacteriological Sampling-Even
	STK1851515-1	2018-08-13	Coliform	Kruger Office-E. Side - HB	Bacteriological Sampling-Even
	STK1857659-1	2018-12-11	Coliform	Kruger Office-E. Side - HB	Bacteriological Sampling-Even
Kruger Office-N	STK1855245-1	2018-10-19	Coliform	Kruger Office-N. Side - HB	Bacteriological Sampling-Even
STap W of Offi	STK1856584-3	2018-11-20	Coliform	Sample Tap West of Office SMS	Water Monitoring
ST @ B.Tank	STK1855349-4	2018-10-22	Coliform	Sample Tap @ Bladder Tanks	Water Monitoring
Bacti-Rout-Odd	STK1830555-1	2018-01-10	Coliform	SMS Briners Office -Sample Tap	Bacteriological Sampling-Odd
	STK1833413-1	2018-03-20	Coliform	SMS Briners Office -Sample Tap	Bacteriological Sampling-Odd
	STK1835594-1	2018-05-01	Coliform	SMS Briners Office -Sample Tap	Bacteriological Sampling-Odd
	STK1839920-1	2018-07-16	Coliform	SMS Briners Office -Sample Tap	Bacteriological Sampling-Odd
	STK1853016-1	2018-09-11	Coliform	SMS Briners Office -Sample Tap	Bacteriological Sampling-Odd
	STK1856584-1	2018-11-20	Coliform	SMS Briners Office -Sample Tap	Bacteriological Sampling-Odd
	STK1856584-2	2018-11-20	Coliform	SMS Briners Office -Sample Tap	Bacteriological Sampling-Odd
WELL B-002	STK1833414-1	2018-03-20	Wet Chemistry	Well B	Well B - Annual Nitrates
	STK1833415-1	2018-03-20	SRL 524M-TCP	Well B	TCP Monitoring
	STK1838319-1	2018-06-14	SRL 524M-TCP	Well B	TCP Monitoring
Well B	STK1850096-1	2018-07-16	Metals, Total	Well B	Well B Monitoring
WELL B-002	STK1853015-1	2018-09-11	SRL 524M-TCP	Well B	TCP Monitoring
	STK1855199-1	2018-10-19	Metals, Total	Well B	Well B - 3 & 6 Year
	STK1855199-1	2018-10-19	EPA 504.1	Well B	Well B - 3 & 6 Year
	STK1855199-1	2018-10-19	Wet Chemistry	Well B	Well B - 3 & 6 Year
	STK1856584-5	2018-11-20	Field Test	Well B	S M S BRINERS INC
	STK1857658-1	2018-12-11	SRL 524M-TCP	Well B	TCP Monitoring
WELL D-010	STK1830503-1	2018-01-10	Wet Chemistry	Well D	Well D & E-Nitrate Monitoring
	STK1830504-1	2018-01-10	Metals, Total	Well D	Well D & E Monitoring
	STK1830504-1	2018-01-10	EPA 504.1	Well D	Well D & E Monitoring
	STK1830504-1	2018-01-10	Wet Chemistry	Well D	Well D & E Monitoring
	STK1833415-2	2018-03-20	SRL 524M-TCP	Well D	TCP Monitoring
	STK1838318-2	2018-06-14	Metals, Total	Well D	S M S BRINERS INC
	STK1838319-2	2018-06-14	SRL 524M-TCP	Well D	TCP Monitoring
	STK1853015-2	2018-09-11	SRL 524M-TCP	Well D	TCP Monitoring
	STK1857658-2	2018-12-11	SRL 524M-TCP	Well D	TCP Monitoring
WELL E-011	STK1830503-2	2018-01-10	Wet Chemistry	Well E	Well D & E-Nitrate Monitoring
	STK1830504-2	2018-01-10	Metals, Total	Well E	Well D & E Monitoring
	STK1830504-2	2018-01-10	EPA 504.1	Well E	Well D & E Monitoring
	STK1830504-2	2018-01-10	Wet Chemistry	Well E	Well D & E Monitoring
	STK1833415-3	2018-03-20	SRL 524M-TCP	Well E	TCP Monitoring
	STK1838319-3	2018-06-14	SRL 524M-TCP	Well E	TCP Monitoring
	STK1838318-3	2018-06-14	Metals, Total	Well E	S M S BRINERS INC
	STK1853015-3	2018-09-11	SRL 524M-TCP	Well E	TCP Monitoring
	STK1857658-3	2018-12-11	SRL 524M-TCP	Well E	TCP Monitoring
Bacti-Rpt-ss06	STK1855349-3	2018-10-22	Field Test	Wellhead D	Repeat Bacteriological Sampling
	STK1855349-3	2018-10-22	Coliform	Wellhead D	Repeat Bacteriological Sampling

Bacti-Rpt-ss07	STK1855349-2	2018-10-22	Field Test	Wellhead E	Repeat Bacteriological Sampling
	STK1855349-2	2018-10-22	Coliform	Wellhead E	Repeat Bacteriological Sampling