2014 Consumer Confidence Report

Water System Name: DOWN RIVER AN ITW COMPANY 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: This info is not available, please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

Your water comes from 1 source(s): Wellhead

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.

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)

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, 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 COLIFORM BACTERIA

Microbiological Contaminants (complete if bacteria detected)	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Sources of Contaminant
Total Coliform Bacteria	7/mo. (2014)	1	no more than 1 positive monthly sample	0	Naturally present in the environment.

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

Table 2 - 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)	0.78	0	1.3	.3	Internal corrosion of household 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 Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Barium (ppm)	(2011)	0.21	N/A	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Chromium (ppb)	(2011)	11	N/A	50.0	n/a	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Nitrate (ppm)	(2012)	49.4	43.4 - 55.9	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

Gross Alpha (pCi/L)	(2007)	4.09	3.17 - 5.00	15	(0)	Erosion of natural deposits.
Uranium (pCi/L)	(2007)	6.42	N/A	20	0.43	Erosion of natural deposits
Dibromochloropropane (DBCP) (ppt)	(2012)	28	20 - 40	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

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

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
Color (Units)	(2008)	ND	N/A	15	n/a	Naturally-occurring organic materials
Odor Threshold at 60 °C (TON)	(2008)	ND	N/A	3	n/a	Naturally-occurring organic materials.

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)	(2011)	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. *Down River* 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.

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, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

About our Nitrate: Infants below the age of six months who drink water containing nitrate in excess of the MCL may quickly become seriously ill and, if untreated, may die because high nitrate levels can interfere with the capacity of the infant`s blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the oxygen-carrying ability of the blood of Pregnant women.

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Drinking Water Assessment Information

Assessment Information
According to the Drinking Water Source Assessment and Protection Program`s Source Water Assessments Public Access web page, the Public Water Source WELLHEAD of the DOWN RIVER - ITW water system number 3901423, does not have a completed Source Water Assessment on file.

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
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.

Down River
Analytical Results By FGL - 2014

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Coliform Bacteria			0	5%	n/a			1	1 - 83.1
HB Pressure Tank	STK1452832-2					2014-12-17	<1.0		
HB Pressure Tank	STK1452682-4					2014-12-16	5.3		
HB Pressure Tank	STK1451921-3					2014-11-20	<1.0		
Manufacturing Bldg. HB	STK1452832-4					2014-12-17	1		
Manufacturing Bldg. HB	STK1452682-2					2014-12-16	83.1		
Manufacturing Bldg. HB	STK1452682-1					2014-12-16	83.1		
Manufacturing Bldg. HB	STK1451921-2					2014-11-20	<1.0		
Manufacturing Bldg. HB	STK1450791-1					2014-10-21	Absent		
Manufacturing Bldg. HB	STK1438428-1					2014-08-19	Absent		
Manufacturing Bldg. HB	STK1435948-1					2014-06-17	Absent		
Manufacturing Bldg. HB	STK1433591-1					2014-04-17	Absent		
Manufacturing Bldg. HB	STK1431456-1					2014-02-18	Absent		
Office Bldg. HB	STK1452832-3					2014-12-17	1		
Office Bldg. HB	STK1451921-1					2014-11-20	<1.0		
Office Bldg. HB	STK1451639-1					2014-11-18	Present		
Office Bldg. HB	STK1439497-1					2014-09-16	Absent		
Office Bldg. HB	STK1437421-1					2014-07-24	Absent		
Office Bldg. HB	STK1434658-1					2014-05-19	Absent		
Office Bldg. HB	STK1432374-1					2014-03-17	Absent		
Office Bldg. HB	STK1430605-1					2014-01-20	Absent		
W.S. Office Bldg	STK1452682-3					2014-12-16	65.9		
WELLHEAD	STK1452682-5					2014-12-16	2		

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		ppm		1.3	.3			0.775	5
CuPb-Office Mens Room	STK1239190-2	ppm				2012-09-27	0.18		
CuPb-Office Sink	STK1239190-4	ppm				2012-09-27	0.81		
CuPb-Warehouse Mens Room	STK1239190-3	ppm				2012-09-27	0.74		
CuPb-Warehouse Sink	STK1239190-1	ppm				2012-09-27	0.20		
CuPb-Well	STK1239190-5	ppm				2012-09-27	0.18		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Barium		ppm	2	1	2			0.21	0.21 - 0.21
Wellhead	STK1135101-1	ppm				2011-06-20	0.21		
Chromium		ppb	100	50.0	n/a			11	11 - 11
Wellhead	STK1135101-1	ppb				2011-06-20	11		
Nitrate		ppm		45	45			49.4	43.4 - 55.9
Wellhead	STK1251504-1	ppm				2012-12-17	49.6		
Wellhead	STK1238950-1	ppm				2012-09-20	55.9		
Wellhead	STK1238825-1	ppm				2012-09-17	53.7		
Wellhead	STK1235672-1	ppm				2012-06-20	44.3		
Wellhead	STK1232408-1	ppm				2012-03-20	43.4		
Gross Alpha		pCi/L		15	(0)			4.09	3.17 - 5.00
Wellhead	STK0735130-1	pCi/L				2007-06-13	3.17		
Wellhead	STK0732171-1	pCi/L				2007-03-06	5.00		
Uranium		pCi/L		20	0.43			6.42	6.42 - 6.42
Wellhead	STK0732171-1	pCi/L				2007-03-06	6.42		
Dibromochloropropane (DBCP)		ppt		200	1.7			28	20 - 40

Wellhead	STK1251504-1	ppt				2012-12-17	30		
Wellhead	STK1238825-1	ppt				2012-09-17	40		
Wellhead	STK1235672-1	ppt				2012-06-20	20		
Wellhead	STK1232408-1	ppt				2012-03-20	20		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	**MCLG**	**CA-MCL**	**PHG**	**Sampled**	**Result**	**Avg. Result(a)**	**Range (b)**
Color		Units		15	n/a			ND	-
Wellhead	STK0835741-1	Units				2008-06-10			
Odor Threshold at 60 °C		TON		3	n/a			ND	-
Wellhead	STK0835741-1	TON				2008-06-10			

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
Wellhead	STK1135101-1	ppm				2011-06-20	0.02		

Down River
CCR Login Linkage - 2014

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Office Men`s Ro	STK1138003-2	2011-09-12	Metals, Total	CuPb-Office Mens Room	Cu & Pb Monitoring
	STK1239190-2	2012-09-27	Metals, Total	CuPb-Office Mens Room	Cu & Pb Monitoring
Office Sink	STK1138003-4	2011-09-12	Metals, Total	CuPb-Office Sink	Cu & Pb Monitoring
	STK1239190-4	2012-09-27	Metals, Total	CuPb-Office Sink	Cu & Pb Monitoring
Warehouse Men`s	STK1138003-3	2011-09-12	Metals, Total	CuPb-Warehouse Mens Room	Cu & Pb Monitoring
	STK1239190-3	2012-09-27	Metals, Total	CuPb-Warehouse Mens Room	Cu & Pb Monitoring
Warehouse Sink	STK1138003-1	2011-09-12	Metals, Total	CuPb-Warehouse Sink	Cu & Pb Monitoring
	STK1239190-1	2012-09-27	Metals, Total	CuPb-Warehouse Sink	Cu & Pb Monitoring
Well	STK1138003-5	2011-09-12	Metals, Total	CuPb-Well	Cu & Pb Monitoring
	STK1239190-5	2012-09-27	Metals, Total	CuPb-Well	Cu & Pb Monitoring
HB PT	STK1451921-3	2014-11-20	Coliform	HB Pressure Tank	Bacti Monitoring - Even
	STK1452682-4	2014-12-16	Coliform	HB Pressure Tank	Bacti Monitoring
	STK1452832-2	2014-12-17	Coliform	HB Pressure Tank	Bacti Monitoring
Mnfrng HB	STK1431456-1	2014-02-18	Coliform	Manufacturing Bldg. HB	Bacti Monitoring - Even
	STK1433591-1	2014-04-17	Coliform	Manufacturing Bldg. HB	Bacti Monitoring - Even
	STK1435948-1	2014-06-17	Coliform	Manufacturing Bldg. HB	Bacti Monitoring - Even
	STK1438428-1	2014-08-19	Coliform	Manufacturing Bldg. HB	Bacti Monitoring - Even
	STK1450791-1	2014-10-21	Coliform	Manufacturing Bldg. HB	Bacti Monitoring - Even
	STK1451921-2	2014-11-20	Coliform	Manufacturing Bldg. HB	Bacti Monitoring - Even
	STK1452682-1	2014-12-16	Coliform	Manufacturing Bldg. HB	Bacti Monitoring - Even
	STK1452682-2	2014-12-16	Coliform	Manufacturing Bldg. HB	Bacti Monitoring - Even
	STK1452832-4	2014-12-17	Coliform	Manufacturing Bldg. HB	Bacti Monitoring - Even
Office HB	STK1430605-1	2014-01-20	Coliform	Office Bldg. HB	Bacti Monitoring - Odd
	STK1432374-1	2014-03-17	Coliform	Office Bldg. HB	Bacti Monitoring - Odd
	STK1434658-1	2014-05-19	Coliform	Office Bldg. HB	Bacti Monitoring - Odd
	STK1437421-1	2014-07-24	Coliform	Office Bldg. HB	Bacti Monitoring - Odd
	STK1439497-1	2014-09-16	Coliform	Office Bldg. HB	Bacti Monitoring - Odd
	STK1451639-1	2014-11-18	Coliform	Office Bldg. HB	Bacti Monitoring - Odd
	STK1451921-1	2014-11-20	Coliform	Office Bldg. HB	Bacti Monitoring - Odd
	STK1452832-3	2014-12-17	Coliform	Office Bldg. HB	Bacti Monitoring - Odd
W.S. OFF. BLDG	STK1452682-3	2014-12-16	Coliform	W.S. Office Bldg	Bacti Monitoring
Wellhead	STK0732171-1	2007-03-06	Radio Chemistry	Wellhead	Radio Monitoring
	STK0735130-1	2007-06-13	Radio Chemistry	Wellhead	Radio Monitoring
	STK0835741-1	2008-06-10	Wet Chemistry	Wellhead	3 Year Monitoring
	STK1135101-1	2011-06-20	Metals, Total	Wellhead	Water Quaity Monitoring
	STK1232408-1	2012-03-20	Wet Chemistry	Wellhead	Water Quaity Monitoring
	STK1232408-1	2012-03-20	EPA 504.1	Wellhead	Water Quaity Monitoring
	STK1235672-1	2012-06-20	EPA 504.1	Wellhead	Water Quaity Monitoring
	STK1235672-1	2012-06-20	Wet Chemistry	Wellhead	Water Quaity Monitoring
	STK1238825-1	2012-09-17	EPA 504.1	Wellhead	Water Quaity Monitoring
	STK1238825-1	2012-09-17	Wet Chemistry	Wellhead	Water Quaity Monitoring
	STK1238950-1	2012-09-20	Wet Chemistry	Wellhead	Water Quaity Monitoring
	STK1251504-1	2012-12-17	EPA 504.1	Wellhead	Water Quaity Monitoring
	STK1251504-1	2012-12-17	Wet Chemistry	Wellhead	Water Quaity Monitoring
	STK1452682-5	2014-12-16	Coliform	WELLHEAD	DOWN RIVER AN ITW COMPANY