



City of Belle Plaine

Consumer Confidence Report – 2016

Covering Calendar Year – 2015



This brochure is a snapshot of the quality of the water that we provided last year. Included are the details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies. If you would like to observe the decision-making process that affects drinking water quality, please call GUY HOWELL at 620-488-2910.

Your water comes from 3 Ground Water Wells.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as those 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. EPA/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 (800-426-4791).

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) included 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 sources water before we treat it include:
Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, livestock operations and wildlife.
Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
Pesticides and herbicides, which may come from a variety of sources such as storm water run-off, agriculture, and residential users.
Radioactive contaminants, which can be naturally occurring or the result of mining activity.
Organic contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and also come from gas stations, urban storm water run-off, and septic systems.

In order to ensure that tap water is safe to drink, EPA prescribes regulation which limits the amount of certain contaminants in water provided by public water systems. We treat our water according to EPA's regulations. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Our water system is required to test a minimum of 2 samples per month in accordance with the Total Coliform Rule for microbiological contaminants. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public.

Our system did not receive test bottles to perform the required testing resulting in the violation for failure to test.
(TOTAL TRIHALOMETHANES - TTHM & HALOACETIC ACIDS – HAA5)

Water Quality Data

The following tables list all of the drinking water contaminants which were detected during the 2015 calendar year. The presence of these contaminants does not necessarily indicate the water poses a health risk. Unless noted, the data presented in this table is from the testing done January 1- December 31, 2015. The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old. **The bottom line is that the water that is provided to you is safe.**

Terms & Abbreviations

Maximum Contaminant Level Goal (MCLG): the "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLGs allow for a margin of safety.

Maximum Contaminant Level (MCL): the "Maximum Allowed" MCL is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Secondary Maximum Contaminant Level (SMCL): recommended level for a contaminant that is not regulated and has no MCL.

Action Level (AL): the concentration of a contaminant that, if exceeded, triggers treatment or other requirements.

Treatment Technique (TT): a required process intended to reduce levels of a contaminant in drinking water.

Maximum

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.

Non-Detects (ND): lab analysis indicates that the contaminant is not present.

Parts per Million (ppm) or milligrams per liter (mg/l)

Parts per Billion (ppb) or micrograms per liter (µg/l)

Picocuries per Liter (pCi/L): a measure of the radioactivity in water.

Millirems per Year (mrem/yr): measure of radiation absorbed by the body.

Monitoring Period Average (MPA): An average of sample results obtained during a defined time frame, common examples of monitoring periods are monthly, quarterly and yearly.

Nephelometric Turbidity Unit (NTU): a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person. Turbidity is not regulated for groundwater systems.

Running Annual Average (RAA): an average of sample results obtained over the most current 12 months and used to determine compliance with MCLs.

Additional Required Health Effects Language:

Nitrate in drinking water at levels above 10 ppm is a health risk for infants less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask for advice from your health care provider.

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 service lines and home plumbing. Your water system 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>.



City of Belle Plaine
P.O. Box 157
Belle Plaine, KS 67013

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**DRINKING WATER
NOTICE ENCLOSED**

Testing Results for: City of Belle Plaine

Regulated Contaminants	Collection Date	Your Highest Value	Range (low/high)	Unit	MCL	MCLG	Typical Source
ATRAZINE	11/9/2015	0.17	0.17	ppb	3	3	Runoff from herbicide used on row crops
BARIUM	1/12/2015	0.15	0.12 – 0.15	Ppm	2	2	Discharge from metal refineries
FLUORIDE	1/12/2015	0.3	0.24 - 0.3	ppm	4	4	Natural deposits; Water additive which promotes strong teeth.
NITRATE	1/12/2015	6.5	5.8 - 6.5	ppm	10	10	Runoff from fertilizer use
SELENIUM	1/12/2015	3.2	1.6 – 3.2	ppb	50	50	Erosion of natural deposits

Disinfection Byproducts	Monitoring Period	Your Highest RAA	Range (low/high)	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	2014	3	2.6	ppb	60	0	By-product of drinking water disinfection
TTHM	2014	7	6.7	ppb	80	0	By-product of drinking water chlorination

Lead and Copper	Monitoring Period	90 th Percentile	Range (low/high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2013	1.2	0.067 – 2.1	ppm	1.3	1	Corrosion of household plumbing
LEAD	2013	1.6	1.2 – 2.2	ppb	15	0	Corrosion of household plumbing

Secondary Contaminants	Collection Date	Our Highest Value	Range (low/high)	Unit	SMCL
ALKALINITY, TOTAL	1/12/2015	170	160 - 170	MG/L	300
CALCIUM	1/12/2015	49	48 - 49	MG/L	200
CHLORIDE	1/12/2015	30	13 - 30	MG/L	250
CONDUCTIVITY @ 25 C UMHOS/CM	1/12/2015	530	480 - 530	UMHO/CM	1500
CORROSIVITY	1/12/2015	-0.28	-0.39 - -0.28	LANG	0
HARDNESS, TOTAL (AS CaCO3)	1/12/2015	170	170	MG/L	400
IRON	1/12/2015	0.019	0.019	MG/L	0.3
MAGNESIUM	1/12/2015	12	11 - 12	MG/L	150
MANGANESE	1/12/2015	0.0012	0.0012	MG/L	0.05
PH	1/12/2015	7.4	7.3 - 7.4	PH	8.5
PHOSPHORUS, TOTAL	1/12/2015	0.12	0.11 - 0.12	MG/L	5
POTASSIUM	1/12/2015	2.6	2.3 - 2.6	MG/L	100
SILICA	1/12/2015	24	23 - 24	MG/L	50
SODIUM	1/12/2015	45	32 - 45	MG/L	100
SULFATE	1/12/2015	40	31 - 40	MG/L	250
TDS	2/6/2012	320	310 - 320	MG/L	500
ZINC	1/12/2015	0.046	0.046	MG/L	5

During the 2015 calendar year, we had the below noted violation(s) of drinking water regulations.

Compliance Period	Analyte	Type
1/1/2015 - 12/31/2015	CDS_DBP_TOTALS (TOTAL TRIHALOMETHANES - TTHM & HALOACETIC ACIDS – HAA5)	FAILURE TO SUBMIT REQUIRED SAMPLES

Please Note: Because of sampling schedules, results may be older than 1 year.



THE CITY OF BELLE PLAINE

Contact Us

City Building
401 N. Merchant
(620)488-3433

Maintenance
(620)488-2910

City Court
(620)488-3525

EMS
911

Police Department
419 N. Logan
911

Non-Emergency:
(620)488-2787

Community Center
528 N. Merchant
(620)488-5335

Pool
102 E. 3rd
(620)488-5511

Library
222 W. 5th
(620)488-3431

Barner Senior Center
500 N. Logan
(620)488-2945

Council Members

Richard Penn
Mayor
Lacy Tedman
President
David Armstrong
Tori Bohannon
Dennis McGinnis
Rob Narron

Quiet Zone Initiative under way for Belle Plaine

Due to increased train traffic and amplified noise (with even more predicted), local constituents have gathered in hopes of creating a Quiet Zone for our community.

This proposition would affect five railroad crossings, covering over two miles, starting at south Hillside, including Hwy 55, 8th Avenue, 10th Avenue and 100th Avenue North.

If secured, a Quiet Zone would eliminate train engine whistles along the proposed corridor. The lights, arms and whistles at the crossings would still operate as usual. The train would still sound

the horn in cases of eminent danger.

The Belle Plaine City Council, the Sumner County Commission and Kansas Department of Transportation have endorsed this proposal via letters of affirmation toward continuing the process.

On May 4, 2016 the Federal Railroad Administration came to investigate at the projected zone. A notice of intent will be published in the coming weeks.

A quiet zone would enhance the quality of life for our citizens, help grow our local economy and increase residential options and property values.



WATER LEAKS ADD UP

Leak Size	Gal. Loss Per Day	Dollar Loss Per Month	Leak Size	Gal. Loss Per Day	Dollar Loss Per Month
•	120	\$20	●	6,640	\$423
•	300	\$34	●	6,964	\$444
•	693	\$55	●	8,424	\$530
●	1,200	\$85	●	9,585	\$621
●	1,920	\$131	●	11,324	\$712
●	3,095	\$203	●	12,750	\$757
●	4,295	\$277	●	14,952	\$936

Avoid water loss, save on your monthly bill

The Kansas Department of Wildlife, Parks and Tourism offers these tips for water conservation:

- Run dishwashers and washing machines fully loaded.
- Check toilets for leaks by putting food coloring in the tank. If, without flushing, the color begins to appear in the bowl, the tank is leaking and should be repaired.
- Long, hot showers take more water than a bath.
- Repair leaking faucets and pipes quickly.
- Most turf grasses only need 1 inch of water per week. Over-watering encourages shallow roots.

More info: <http://ksoutdoors.com>

● **Do we know how to reach you, in case we need to?**

Have you changed phone numbers or need to update emergency contact information for your City utility account? Call us at 488-3433, write us at P.O. Box 157, email us at cityofbp@sktc.net, or drop a note in our drop box at 401 N. Merchant with the information.

● **Utility payments can be made with auto debit**

We offer automatic debit for utility bills. The debit can be authorized from a checking or savings account. We also offer online payment options with your credit or debit card by using the city website, bpk.org. There is a convenience fee for using this feature.

● **All pets in Belle Plaine must be registered**

Register a spayed or neutered pet for \$5. For pets not spayed/neutered, the cost is \$10. Proof of vaccination is required. Having a pet registered is helpful should they wander away from home. If your pet is loose and impounded, you have three business days to claim the animal. The fines are: \$15 – First Day; \$2 Each Additional Day; \$25 – Dog at Large.

Watch for announcements each spring on our Pet Vaccination Clinic



● **City burn pit open for yard waste only**

The City burn pit at the sewer plant (one mile south of town on Line Street) is for yard waste only, including trees, brush, leaves and grass clippings. The burn pit will be left unlocked unless the use of this facility continues to be abused by illegal dumping.

● **Recycling pickup is every other week**

Curbside recycling is picked up every other Wednesday in Belle Plaine. The schedule can be found on the City Calendar at www.bpk.org or a printable calendar can be found at www.bpk.org/maintenance/trash-service.

● **Register golf carts through Police Dept.**

Golf carts must be registered annually with the Belle Plaine Police Department. The registration can occur Monday through Friday, 8 a.m. to 5 p.m., or by appointment only. The fee is \$25. More information is available at bpk.org/police/golf-cart-regis.

● **Sewer average based on winter usage**

Sewer charges in Belle Plaine are calculated by averaging the water usage for December, January, February and March. That average becomes the basis of the sewer charges for the next year, beginning with the April 30 billing.

Dates to remember

July 4th Fireworks

Sales and shooting hours:
June 27-July 2, 10 a.m. to 10 p.m.
July 3-4, 10 a.m. to midnight
July 4: Fireworks display at dusk at High School Football Field.

National Night Out

Aug. 2 · 5 to 9 p.m. · City Park

City Offices will be closed:

Independence Day – July 4
Labor Day – Sept. 5
Veterans Day – Nov. 11
Thanksgiving – Nov. 24-25
Christmas – Dec. 24-25
(Observed Dec. 23 and 26)

Look what's available at the Library

The mission of the Belle Plaine Public Library is to provide popular, high interest resources to meet the educational, recreational and informational needs of all community residents.

Resources available:

- Books for all ages
- Audiobooks
- 4 patron computers
- 1 children's learning station
- Free Wi-Fi for mobile devices
- DVD's, Magazines, Cake Pans for checkout
- Print and copy services (.20 black & .50 color)
- Adult Book Club, Loop Group, and Coloring events
- Youth Lego Club, Summer Reading and more
- Areas for studying, working or small meetings

Summer Reading:

All ages welcome (adults, too). Lots of activities planned for everyone! For details, follow us on Facebook at belleplainepubliclibrary.

Belle Plaine Public Library –
222 W. 5th Street; 620-488-3431
<http://belleplaine.scklf.info>

Open: 2-8 p.m. Mondays; 2-6 p.m. Tuesdays; 10-12 and 1-6 p.m. Wednesdays; 2-8 p.m. Thursdays; 10-12 and 1-6 p.m. Fridays; Closed Saturdays and Sundays.

Community Center prices provide affordable meeting rooms, fitness center

- ❑ Small Meeting Room – occupancy limit 13
· per hour – **\$5**
- ❑ Large Meeting Room – occupancy limit 30
· per hour – **\$10**
· per ½ day (4 hours) – **\$30**
· per full day (4+ hours) – **\$50**
· deposit – **\$50** refundable up to 48 hours prior to event
- ❑ Multi-Purpose Room & Kitchen – occupancy limit 197 (seating) OR 92 (at tables)
· per ½ day (4 hours) – **\$75**
· per full day (4+ hours) – **\$135**
· deposit – **\$100**
- ❑ Wedding/Entire Building (both meeting rooms, multi-purpose room & kitchen)
Saturday 8 am to Sunday noon (or equivalent) Includes use of AV equipment
· **\$500** – USD 357 resident
· **\$750** – out of district
· deposit – **\$250** refundable up to 30 days prior to event

Fitness Center Memberships

Single	\$15/mo.
Family (Four people Add'l Members	\$25/mo. \$5/ea.
Student	\$10/mo.
Senior Ages 55+	\$10/mo.

Card fee (one-time) \$5
Two cards per household

Call City Hall at 488-3433 for additional information.