

Consumer Confidence Report (CCR) Certification 2024

PWS Name: Burgin Water Department PWSID#: KY0840048 Agency Interest#: 34026
 Population Served: 1,426

Wholesaler data due to purchasers no later than April 1, unless a contract agreeing to later date is submitted with certification.
 Wholesaler data met the April 1 deadline. Not applicable:

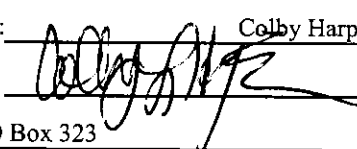
Systems serving less than 500: Need only to notify customers by July 1 that the report is available upon request. Indicate how customers were notified and how the report was made available upon request.
 Copy attached Date: _____

Systems with populations greater than 500: Must use at least one Primary and one Secondary distribution method.

| | |
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| <p>Primary Distribution Date: <u>3-19-25</u></p> | <p>Method(s):</p> <p><input type="checkbox"/> Hand Delivery to all customers</p> <p><input type="checkbox"/> Mailed to all customers</p> <p><input type="checkbox"/> Published in Newspaper</p> <p><input checked="" type="checkbox"/> Posted on Internet Website URL: <u>city of Burgin. com</u></p> <p><input type="checkbox"/> Electronic Delivery (email notification)</p> |
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| | |
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| <p>Secondary Distribution Date: <u>3-19-25</u></p> | <p>Method(s):</p> <p><input checked="" type="checkbox"/> Posted in Public Places in Community</p> <p><input type="checkbox"/> Delivered to Community Organizations</p> <p><input type="checkbox"/> Multiple Copies to Apts or Employers, etc.</p> <p><input type="checkbox"/> Mailed to postal patrons in service area</p> <p><input type="checkbox"/> Published in Newspaper</p> <p><input type="checkbox"/> Advertised availability in news media</p> <p><input checked="" type="checkbox"/> Posted on Local Website Website URL: <u>cityofburgin.com</u></p> <p><input type="checkbox"/> Other (attach explanation of method)</p> |
|---|---|

This notice confirms that a Consumer Confidence Report was prepared and distributed according to the requirements for our system and appropriate notices of availability were given. To the best of my knowledge, the report contains information that is correct and consistent with the compliance monitoring data previously submitted to the Kentucky Division of Water. The copy of the report furnished to the Kentucky Division of Water is identical to the information provided to the customers.

| | |
|--|-----------------------------------|
| Printed Name: <u>Colby Harper</u> | Title: <u>Manager</u> |
| Signature:  | Date: <u>3-19-25</u> |
| Address: <u>PO Box 323</u> City, State, Zip: <u>Burgin, KY 40301</u> | |
| Phone: <u>859-605-9652</u> | Email: <u>cc91alton@yahoo.com</u> |

Number of pages submitted _____

Burgin Water Department Water Quality Report 2024

Copies are available at our office. To request a paper copy call (859) 605-9652.

Water System ID: KY0840048
Manager: Colby Harper
859-605-9652

CCR Contact: Colby Harper
859-605-9652

Mailing Address:
P.O. Box 323
Burgin, KY 40310

Meeting location and time:
Burgin City Hall
Second Tuesdays at 6:30 PM

Burgin Water Department purchases water from Harrodsburg Municipal Water Department which treats surface water from the Kentucky River. An analysis of the susceptibility of Harrodsburg's water supply to contamination indicates that this susceptibility is generally moderate. There are, however, a few areas of high concern. Herrington Lake, an impoundment of Dix River, a tributary to the Kentucky River, has been identified as impaired. The condition of this lake may be indicative of conditions in the watershed that could adversely affect source water quality. Other areas of high concern include a railroad bridge, a highway bridge, areas of row crops, a waste generator or transporter and a KPDES permitted discharger. Finally, there are numerous permitted operations and activities and other potential contaminant sources of moderate concern within the greater watershed that cumulatively increase the potential for the release of contaminants within the area. These potential contaminant sources include everything from large capacity septic systems, to major roads, to underground storage tanks, to Tier II hazardous chemical users. The complete Source Water Assessment is available for review at the Harrodsburg Water Department.

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 may be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

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 may 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, (sewage plants, septic systems, livestock operations, or wildlife). Inorganic contaminants, such as salts and metals, (naturally occurring or from stormwater runoff, wastewater discharges, oil and gas production, mining, or farming). Pesticides and herbicides, (stormwater runoff, agriculture or residential uses). Organic chemical contaminants, including synthetic and volatile organic chemicals, (by-products of industrial processes and petroleum production, or from gas stations, stormwater runoff, or septic systems). Radioactive contaminants, (naturally occurring or from oil and gas production or mining activities). In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water to provide the same protection for public health.

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. 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).

Information About Lead: 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 local water system is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact your local water system. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>.

Service Line Inventory Information: To address lead in drinking water, EPA requires that all community water systems develop and maintain an inventory of service line materials. We have completed a service line inventory (SLI) and it is available for download at <https://cityofburgin.com/forms/>

Lead Sample Results Availability Information: We are required to periodically sample water from customer taps to determine lead and copper levels. EPA sets the lead action level at .015 mg/L (15 ppb). For a water system to be in compliance, at least 90% of tap water samples must have lead levels below this limit. This report contains the 90th percentile and range of our most recent sampling. The individual results for each location sampled can be reviewed at 117 South Maple St., Burgin, KY 40310.

We are only required to test for some contaminants periodically, so the results listed in this report may not be from the previous year. Only detected contaminants are included in this report. For a list of all contaminants we test for please contact us. Copies of this report are available upon request by contacting our office.

Some or all of these definitions may be found in this report:

Maximum Contaminant Level (MCL) - 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.

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 allow for a margin of safety.

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.

Below Detection Levels (BDL) - laboratory analysis indicates that the contaminant is not present.

Not Applicable (N/A) - does not apply.

Parts per million (ppm) - or milligrams per liter, (mg/l). One part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) - or micrograms per liter, ($\mu\text{g/L}$). One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) - one part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

Picocuries per liter (pCi/L) - a measure of the radioactivity in water.

Millirems per year (mrem/yr) - measure of radiation absorbed by the body.

Million Fibers per Liter (MFL) - a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Nephelometric Turbidity Unit (NTU) - a measure of the clarity of water. Turbidity has no health effects. However, turbidity can provide a medium for microbial growth. Turbidity is monitored because it is a good indicator of the effectiveness of the filtration system.

| Regulated Contaminant Test Results | | | | | | | | Burgin Water Department | |
|---|-------------|--------------|---|-----------------------|--|-------------------|-----------|--|--|
| Contaminant [code] (units) | MCL | MCLG | Report Level | Range of Detection | | Date of Sample | Violation | Likely Source of Contamination | |
| Chlorine (ppm) | MRDL = 4 | MRDLG = 4 | 0.99 (highest average) | 0.32 | to 1.69 | 2024 | No | Water additive used to control microbes. | |
| HAA (ppb) (Stage 2) [Haloacetic acids] | 60 | N/A | 57 (high site average) | 43 | to 72 (range of individual sites) | 2024 | No | Byproduct of drinking water disinfection | |
| TTHM (ppb) (Stage 2) [total trihalomethanes] | 80 | N/A | 68 (high site average) | 19.9 | to 88.6 (range of individual sites) | 2024 | No | Byproduct of drinking water disinfection. | |
| Household Plumbing Contaminants | | | | | | | | | |
| Copper (ppm) Round 1 sites exceeding action level 0 | AL= 1.3 | 1.3 | 0.072 (90 th percentile) | 0.009 | to 0.531 | Aug-23 | No | Corrosion of household plumbing systems | |
| Lead (ppb) Round 1 sites exceeding action level 0 | AL= 15 | 0 | 3 (90 th percentile) | 0 | to 9 | Aug-23 | No | Corrosion of household plumbing systems | |

Violation 2024-9950423

Burgin Water Department recently failed to comply with a required testing procedure. Even though this was not an emergency, as our customers, you have a right to know what happened and what we did to correct the situation.

We were required to submit our Lead Service Line Inventory to the Division of Water by October 15th 2024 We completed the task as required but did not get our Inventory submitted until after that date. We had our LSLI prepared on time but due to a computer crash were unable to submit in the proper time frame. We have since then submitted the inventory and have it available to look at online and by request at City Hall. There is nothing you need to do at this time. You may continue to drink the water. If a situation arises where the water is no longer safe to drink, you will be notified within 24 hours.

For more information, please contact Colby Harper at PO Box 323, Burgin, KY 40310 or at (859) 449-3790.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

| Regulated Contaminant Test Results | | | | | | | | Harrodsburg Municipal Water Department | |
|--|---|------|-------------------------------|-----------------------|-----------------------------|----------------------------|-----------|--|--|
| Contaminant [code] (units) | MCL | MCLG | Report Level | Range of Detection | | Date of Sample | Violation | Likely Source of Contamination | |
| Inorganic Contaminants | | | | | | | | | |
| Barium [1010] (ppm) | 2 | 2 | 0.02 | 0.02 | to 0.02 | Apr-24 | No | Drilling wastes; metal refineries; erosion of natural deposits | |
| Fluoride [1025] (ppm) | 4 | 4 | 0.74 | 0.74 | to 0.74 | Apr-24 | No | Water additive which promotes strong teeth | |
| Nitrate [1040] (ppm) | 10 | 10 | 0.2 | 0.2 | to 0.2 | Aug-24 | No | Fertilizer runoff; leaching from septic tanks, sewage; erosion of natural deposits | |
| Disinfectants/Disinfection Byproducts and Precursors | | | | | | | | | |
| Total Organic Carbon (ppm) (measured as ppm, but reported as a ratio) | TT* | N/A | 1.52 (lowest average) | 1.13 | to 2.68 (monthly ratios) | 2024 | No | Naturally present in environment. | |
| *Monthly ratio is the % TOC removal achieved to the % TOC removal required. Annual average must be 1.00 or greater for compliance. | | | | | | | | | |
| Other Constituents | | | | | | | | | |
| Turbidity (NTU) TT * Representative samples | Allowable Levels | | Highest Single Measurement | Lowest Monthly % | Violation | Likely Source of Turbidity | | | |
| Turbidity is a measure of the clarity of the water and not a contaminant. | No more than 1 NTU* Less than 0.3 NTU in 95% of monthly samples | | 0.094 | 100 | No | Soil runoff | | | |

PUBLIC NOTIFICATION (PN) CERTIFICATION

PWS: Burgin Water Department PWSID#: KY0840048 Agency Interest: 34026
Population: 1,426

| | |
|---|---|
| Violation Number(s) or Description: <u>2025 - 9950423</u> | Compliance Date(s): <u>10/16/2024</u> |
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Consultation with DOW (Required within 24 hours of exceeding turbidity limits.)
Date: _____ Person Contacted: _____

Method(s)

Primary Distribution
Date: 3-19-25

Printed on Water Bills to Customers
 Separate Mailing to Customers
 Hand Delivered Notice to Customers
 For Tier 3 only: In the Annual CCR Report
Website URL: www.tapwaterinfo.com/burgin.pdf

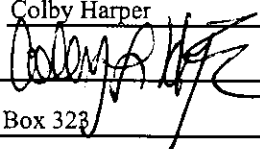
Method(s)

Secondary Distribution
Date: 3-19-25

Posted Notice in Public Places in Community
 Published Notice in Newspaper
 Delivered Notice to Community Organizations
 Delivered Multiple Copies to Apts or Employers
 Posted on Local Website: _____
 Other Approved Method: _____

Delivered Notice to Consecutive Systems Date: _____
PWSID(s): _____

I, the undersigned, certify that public notice has been provided to our customers in accordance with the delivery, content, and format requirements and deadlines of the Public Notification (PN) requirements in 40 CFR 141.201 to 141.210.

Printed Name: Colby Harper Title: Manager
Signature:  Date: _____
Address: PO Box 323 City, State, Zip: Burgin, KY 40301
Phone: 859-605-9652 Email: cc91alton@yahoo.com

Number of pages submitted: _____

Water Quality – Consumer Confidence Report “Good Faith Effort”


System: Burgin Water Department
PWSID#: KY0840048 **AI#:** 34026

State and Federal regulations require that a community water system provide an annual report to its customers containing information on the quality of the water delivered by the system. The report must also include the risks from exposure to contaminants detected in the drinking water.

The water system must also make a good-faith effort to reach consumers who do not get water bills. A good-faith effort is to be tailored to the consumer who is served by the system but is not a bill-paying customer, such as a renter or worker.

| Date | Name of Facility |
|----------------|---------------------------|
| <u>3-18-25</u> | <u>Burgin Post Office</u> |
| <u>3-19-25</u> | <u>Burgin Express</u> |
| <u>3-19-25</u> | <u>Jenkins Depot</u> |
| <u>3-19-25</u> | <u>Burgin City Hall</u> |
| <u>4-1-25</u> | <u>on bills</u> |
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I, the undersigned, confirm that a copy of the Consumer Confidence Report was prepared and distributed to the above listed facilities. Information contained in the report furnished to the facilities is identical to information provided to the billed consumers.

Printed Name: Colby Harper
Signature: 

Date: _____

Printing Instructions

This template is designed to print the notice on the back of the water bill sheets prior to printing the water bills using procedures the same as printing a letter.

After the notice has been printed to all sheets place the stack of sheets upside down on a flat surface and place a weight on the stack to remove the curl.

When the stack of sheets have cooled and straightened print the water bills as usual.

Water Quality Report Availability

Go to tapwaterinfo.com/burgin for important information regarding your Annual Drinking Water Quality Report. Call 859-605-9652 to request a copy.

Water Quality Report Availability

Go to tapwaterinfo.com/burgin for important information regarding your Annual Drinking Water Quality Report. Call 859-605-9652 to request a copy.

Water Quality Report Availability

Go to tapwaterinfo.com/burgin for important information regarding your Annual Drinking Water Quality Report. Call 859-605-9652 to request a copy.

CCR Certification Instructions

To certify the CCR make sure that all information is complete and accurate. In the top portion of the form confirm PWS name, PWSID, Agency Interest number, population, CCR year.

In the "Primary" box:

Make sure at least one method is chosen for Primary Distribution. If you choose "Posted on Internet", double check that the URL provided is CORRECT and that the CCR is actually at that address.

In the "Secondary" box:

You must choose at least one form of Secondary distribution. Most systems choose "Posted in Public Places in Community" at a minimum. You may choose multiple methods.

At the bottom of the form:

There are **three locations for dates.**

1. The "date" for the primary distribution is the date you send out notification that the CCR is available online. That is the date you mailed out the water bills, insert, whatever. It is NOT the date that the CCR is posted online. If the availability message is a permanent feature on the bills the primary distribution date will be the date of the first billing after the CCR has been posted to the website.
2. The date for the secondary distribution should match the dates on the Posting Form where you include the locations that the CCR was posted on bulletin boards or delivered to apartments, businesses, industries, etc.
3. Check that the Name, address, phone number, email address are correct. **Sign and Date** it, and then include the number of pages in the entire package that is being submitted to Division of Water.

Your Certification Package must include:

1. a copy of the CCR
2. an actual water bill with the availability notice printed on it and customer info blacked out
3. the "Good Faith" list of posting sites and dates (only one list needed for CCR and PN requirements)
4. the CCR certification form
5. the PN certification if the CCR contains a PN

If you are including a Public Notice in your CCR:

Make sure the dates in the Primary and Secondary distribution sections of the PN Certification match the dates on the CCR Certification form. **Sign and date** the bottom of the PN certification form.

Make copies of everything for your records.

If sent by certified mail. On the green card, write the number of pages in the envelope.

If sent electronically. Record the date and time of submittal.

Send by registered mail to:

EEC – Division of Water
Drinking Water Branch
Attn: CCR/PN
300 Sower Boulevard
Frankfort, KY 40601

Submit Electronically:

Submit to Division of Water electronically by attaching the document to eform 169 on the Kentucky Online Gateway site (KOG).