



Illinois
Environmental Protection Agency

Consumer Confidence Report Certification Form

Water System ID: IL0054360 Water System Name: Dona Nelson

| | | | |
|--|-----------------------|---------------|---------------------|
| Method of Delivery Waiver Population Category, Circle One: | <u>500 or Less</u> | 501 to 10,000 | greater than 10,000 |
| CCR Delivery Method Used (see attachment): Circle One: | <u>MOD A</u> | MOD B | <u>MOD C</u> |
| Connected System Requirements, Circle One, if applicable: | <u>Purchase Water</u> | Sell Water | |

This form is required to be submitted to certify that your Consumer Confidence Report (CCR) has met all state and federal requirements. The owner, administrative contact, or responsible operator in charge must sign this certificate of acceptance acknowledging compliance with Illinois Environmental Protection Agency's Primary Drinking Water Standards found in Part 611 Subpart U: Consumer Confidence Reports.

Detailed CCR instructions and regulation requirements are listed in Chapter 2 of the **Sample Collectors Handbook (SCH)**. Also included in the handbook, is a check list that can be used to verify prior to issuing the CCR that all required elements have been included. It is recommended that you review this chapter and check list prior to issuing your CCR. The SCH can be viewed and/or downloaded at the following Internet web address: <https://www2.illinois.gov/epa/topics/compliance-enforcement/drinking-water/Pages/sample-collectors-handbook.aspx>

Please complete the delivery certification, sign, return it along with a copy of the issued CCR and the URL Notification if applicable, **by July 10th** to the Illinois EPA, CCR Coordinator, BOW/CAS #19, P.O. Box 19276, Springfield, Illinois 62794-9276. You can also e-mail the report to EPA.PWSCCompliance@Illinois.gov

CERTIFICATION OF DELIVERY (SCH Reference Page 17 - 19)

Depending on your method of CCR Delivery Requirement, you MUST complete ONE of the following METHOD OF DELIVERY certification sections.

METHOD "A" DIRECT DELIVERY (use for Electronic CCR or paper copy CCR delivered to all customers)

DELIVERY DATE REQUIRED

Our CCR or electronic CCR URL notification was mailed on 6-23-2021 (enter delivery date)

Depending on your method of CCR Delivery, you MUST complete at least ONE of the following methods. Please check all items that apply.

| | | |
|----|--------------------------|--|
| 1. | <input type="checkbox"/> | CCR was distributed by mail or hand delivered (enter delivery date above) |
| 2. | <input type="checkbox"/> | Mail - notification that CCR is available on Web site via a direct uniform resource locator (URL) (Submit a copy of the URL notification, i.e. water bill, newsletter, etc.) (enter delivery date above) |
| 3. | <input type="checkbox"/> | E-mail - direct URL to CCR (submit a sample copy of the e-mail) |
| 4. | <input type="checkbox"/> | E-mail - CCR sent as an attachment to the e-mail (submit a sample copy of the e-mail) |
| 5. | <input type="checkbox"/> | E-mail - CCR sent embedded in the e-mail (submit a sample copy of the e-mail) |
| 6. | <input type="checkbox"/> | Other: _____ |

CWS serving => 100,000, Posted CCR on a publicly accessible Internet site at the following address:

METHOD "B" DELIVERY (published in local newspaper; PWS must receive waiver from Illinois EPA to use this option)

Since our supply received a Method of Delivery Waiver and serves a direct population between 501 and 10,000, the CCR was not mailed to each customer. However, as required, our CCR was published in its entirety in one or more newspapers of general circulation. In addition, customers were also informed that the CCR was not going to be mailed; and that copies are available upon request. LIST NEWSPAPERS HERE

| | | | |
|--------------|-------|---------------|-------|
| Newspaper 1: | _____ | Published On: | _____ |
| Newspaper 2: | _____ | Published On: | _____ |

METHOD "C" DELIVERY (CCR availability notice only; PWS must receive waiver from Illinois EPA to use this option)

Since our supply received a Method of Delivery Waiver and serves a direct population of 500 or less, the CCR was not mailed to each customer. However, as required, customers were notified that a CCR was prepared and is available upon request.

The CCR notice of availability was delivered on: 6-23-2021 (enter date)

Insert method here (i.e., newspaper, posted, hand delivered, etc.) Posted at JR, SM: M&T and Village Hall

GOOD FAITH EFFORT: at a minimum, one good faith effort must be used to reach non-bill paying consumers

Check all that apply:

| | |
|--|---|
| <input checked="" type="checkbox"/> Posted CCR on a publicly accessible internet site <u>www.villageofDarienIll.com</u> | <input type="checkbox"/> Mailed the CCR to postal patrons within the service area (attach list of zip codes) |
| <input type="checkbox"/> Advertised availability of CCR in the news media (attach copy of announcement) | <input type="checkbox"/> Published CCR in local newspaper (attach copy of newspaper announcement) |
| <input checked="" type="checkbox"/> Posted the CCR in public places (attach a list of locations) <u>JR's at the M&T, Village Hall</u> | <input type="checkbox"/> Delivered multiple copies to single bill addresses serving several persons such as apartments and businesses |
| <input type="checkbox"/> Delivered to community organizations (attach a list) | <input checked="" type="checkbox"/> Other <u>Printed on water bill of available for pick up</u> |
| <input type="checkbox"/> Electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized) | |

Signature of Official Custodian (OC), Administrative Contact (AC), or Responsible Operator in Charge (DO)

The Certification Form signature must match one of the above contacts that are on file at the Agency, if you are not listed as the OC, AC, or DO for your water system, you do not have the authority to sign this document.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

I Bill Grider (print name), hereby certify that our CCR was distributed following the requirements specified under METHOD C (enter method of delivery A, B, or C) DELIVERY. If delivery was made using the Electronic CCR method, the CCR was made available to customers requesting a paper copy of the CCR.

Signature: Bill Grider Date: 6-23-21
 Title: water operator Telephone No.: (212) 537-3114

Consumer Confidence Report

Annual Drinking Water Quality Report

DONNELSON

IL0054360

Annual Water Quality Report for the period of January 1 to December 31, 2020

This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.

The source of drinking water used by DONNELSON is Purchased Surface Water

For more information regarding this report contact:

Name Bill Grider
Phone 217-537-3114

Este informe contiene información muy importante sobre el agua que usted bebe. Tradúzcalo o hable con alguien que lo entienda bien.

| Source of Drinking Water |
|--|
| 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, which may come from sewage treatment plants, septic systems, agricultural 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 agriculture, urban storm water runoff, and residential uses. - Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems. - Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities. |

| |
|--|
| 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 EPAs Safe Drinking Water Hotline at (800) 426-4791. |
| In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must 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). |
| 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. We 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 . |

Source Water Information

| Source Water Name | Type of Water | Report Status | Location |
|---------------------------|-------------------|---------------|----------------------------|
| CC 02-METER-5 MI E/RT 127 | FF IL0050050 TP01 | SW | _____ ON BOND/MONT CO LINE |

Source Water Assessment

We want our valued customers to be informed about their water quality. If you would like to learn more, please feel welcome to attend any of our regularly scheduled meetings. The source water assessment for our supply has been completed by the Illinois EPA. If you would like a copy of this information, please stop by City Hall or call our water operator at 217-537-3114. To view a summary version of the completed Source Water Assessments, including: Importance of Source Water; Susceptibility to Contamination Determination; and documentation/recommendation of Source Water Protection Efforts, you may access the Illinois EPA website at <http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl>.

Source of Water: GREENVILLE Illinois EPA considers all surface water sources of community water supply to be susceptible to potential pollution problems; hence, the reason for mandatory treatment for all surface water supplies in Illinois. Mandatory treatment includes coagulation, sedimentation, filtration, and disinfection.

2020 Regulated Contaminants Detected

Lead and Copper

Definitions:

Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

| Lead and Copper | Date Sampled | MCLG | Action Level (AL) | 90th Percentile | # Sites Over AL | Units | Violation | Likely Source of Contamination |
|-----------------|--------------|------|-------------------|-----------------|-----------------|-------|-----------|---|
| Copper | 09/25/2018 | 1.3 | 1.3 | 0.079 | 0 | ppm | N | Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems. |
| Lead | 09/25/2018 | 0 | 15 | 9 | 1 | ppb | N | Corrosion of household plumbing systems; Erosion of natural deposits. |

Water Quality Test Results

Definitions:

The following tables contain scientific terms and measures, some of which may require explanation.

Avg: Regulatory compliance with some MCLs are based on running annual average of monthly samples.

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.

Maximum Contaminant Level or 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 or 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 or 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 or 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.

na: not applicable.

mrem: millirems per year (a measure of radiation absorbed by the body)

ppb: micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.

Water Quality Test Results

ppm: milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.

Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.

Regulated Contaminants

| Disinfectants and Disinfection By-Products | Collection Date | Highest Level Detected | Range of Levels Detected | MCLG | MCL | Units | Violation | Likely Source of Contamination |
|--|-----------------|------------------------|--------------------------|-----------------------|----------|-------|-----------|--|
| Chlorine | 12/31/2020 | 0.8 | 0.07 - 1.37 | MRDLG = 4 | MRDL = 4 | ppm | N | Water additive used to control microbes. |
| Haloacetic Acids (HAA5) | 2020 | 109 | 27 - 109 | No goal for the total | 60 | ppb | Y | By-product of drinking water disinfection. |
| Total Trihalomethanes (TTHM) | 2020 | 143 | 88 - 206 | No goal for the total | 80 | ppb | Y | By-product of drinking water disinfection. |

Violations Table

| Chlorine | | | |
|--|-----------------|---------------|---|
| Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort. | | | |
| Violation Type | Violation Begin | Violation End | Violation Explanation |
| MONITORING, ROUTINE (DBP), MAJOR | 07/01/2020 | 09/30/2020 | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated. |

| Consumer Confidence Rule | | | |
|--|-----------------|---------------|--|
| The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems. | | | |
| Violation Type | Violation Begin | Violation End | Violation Explanation |
| CCR REPORT | 07/01/2020 | 07/20/2020 | We failed to provide to you, our drinking water customers, an annual report that informs you about the quality of our drinking water and characterizes the risks from exposure to contaminants detected in our drinking water. |

| Haloacetic Acids (HAA5) | | | |
|--|-----------------|---------------|--|
| Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer. | | | |
| Violation Type | Violation Begin | Violation End | Violation Explanation |
| MCL, LRAA | 01/01/2020 | 03/31/2020 | Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated. |
| MCL, LRAA | 07/01/2020 | 09/30/2020 | Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated. |
| MCL, LRAA | 10/01/2020 | 12/31/2020 | Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated. |

| Public Notification Rule | | | |
|---|-----------------|---------------|--|
| The Public Notification Rule helps to ensure that consumers will always know if there is a problem with their drinking water. These notices immediately alert consumers if there is a serious problem with their drinking water (e.g., a boil water emergency). | | | |
| Violation Type | Violation Begin | Violation End | Violation Explanation |
| PUBLIC NOTICE RULE LINKED TO VIOLATION | 04/02/2020 | 2020 | We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations. |

Violations Table

| Revised Total Coliform Rule (RTCR) | | | |
|---|------------------------|----------------------|---|
| The Revised Total Coliform Rule (RTCR) seeks to prevent waterborne diseases caused by E. coli. E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, | | | |
| Violation Type | Violation Begin | Violation End | Violation Explanation |
| MONITORING, ROUTINE, MAJOR (RTCR) | 07/01/2020 | 07/31/2020 | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated. |

| Total Trihalomethanes (TTHM) | | | |
|--|------------------------|----------------------|--|
| Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer. | | | |
| Violation Type | Violation Begin | Violation End | Violation Explanation |
| MCL, LRAA | 01/01/2020 | 03/31/2020 | Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated. |
| MCL, LRAA | 04/01/2020 | 06/30/2020 | Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated. |
| MCL, LRAA | 07/01/2020 | 09/30/2020 | Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated. |
| MCL, LRAA | 10/01/2020 | 12/31/2020 | Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated. |

Violation(s) summary:

- 1. Chlorine monitoring:** The Village failed to submit proper Chlorine samples from 7-1-20 through 9-30-20. Because of this failure, we can not be sure of the quality of water during this time period. Bacterial contaminants may indicate the presence of water born disease in our drinking water. Staff has made some changes to be sure this does not happen in the future.
- 2. Consumer Confidence Rule:** Our annual CCR report which was due in July 2020 was not provided to you in a timely manner showing you the quality of our drinking water and characterized the risk from exposure to contaminants detected in our drinking water. Staff has made some changes to better serve our residence with the proper information in a timely manner.
- 3. Haloacetic Acids (HAAS):** During 1-1-20 through 3-31-20, 7-1-20 through 9-30-20 and 10-1-20 through 12-31-20 our water samples showed we exceeded our standard limit during this time. High levels of HAAS may increase the risk of cancer. The Village along with the City of Greenville is working to better serve our customers with better treatment to lower these numbers.
- 4. Public Notification Rule:** On 4-2-20 we failed to properly notify you of a violation of our drinking water regulations in a timely manner. Staff has made some changes to better serve our residence with proper notifications in a timely manner.
- 5. Total Coliform Rule:** During the month of July 2020, we failed to properly submit our water samples for contaminants. Because of this failure, we can not be sure of the quality of our drinking water during this period. Bacterial contaminants may indicate the presence of water born disease in our drinking water. Proper steps have been implemented to prevent this in the future.
- 6. Total Trihalomethanes (TTHM):** During the year of 2020, water samples were submitted for each quarter of the year. Each one of the samples showed we exceeded our contaminant level during this period. High levels of TTHM for many years may cause problems with kidneys, liver and central nervous system. This may also increase the risk of getting cancer. The Village along with the City of Greenville is working to better serve our customers with better treatment to lower these numbers.

2020 Regulated Contaminants Detected

Coliform Bacteria

| Maximum Contaminant Level Goal | Total Coliform Maximum Contaminant Level | Highest No. of Positive | Fecal Coliform or E. Coli Maximum Contaminant Level | Total No. of Positive E. Coli or Fecal Coliform Samples | Violation | Likely Source of Contamination |
|--------------------------------|--|-------------------------|--|---|-----------|---------------------------------------|
| 0 | 1 positive monthly sample | 1 | Fecal Coliform or E. Coli MCL: A routine sample and a repeat sample are total coliform positive, and one is also fecal coliform or E. Coli positive. | 1 | N | Naturally present in the environment. |

Water Quality Test Results

| | |
|--|--|
| Maximum Contaminant Level Goal or 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 Contaminant Level or 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 residual disinfectant level goal or 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. |
| Maximum residual disinfectant level or 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. |
| Definitions: | The following tables contain scientific terms and measures, some of which may require explanation. |
| na: | Not applicable. |
| mrem: | Millirems per year (a measure of radiation absorbed by the body) |
| ppb: | Micrograms per liter or parts per billion – or one ounce in 7,350,000 gallons of water. |
| ppm: | Milligrams per liter or parts per million – or one ounce in 7,350 gallons of water. |
| Treatment Technique or TT: | A required process to reduce the level of a contaminant in drinking water. |

Regulated Contaminants

| Disinfectants and Disinfection By-Products | Collection Date | Highest Level Detected | Range of Levels Detected | MCLG | MCL | Units | Violation | Likely Source of Contamination |
|--|-----------------|------------------------|--------------------------|-----------------------|----------|-------|------------|--|
| Chloramines | 12/31/2020 | 1.7 | 1.37 – 2.1 | MRDLG = 4 | MRDL = 4 | ppm | N | Water additive used to control microbes. |
| Chlorite | 2020 | 0.41 | 0 – 0.41 | 0.8 | 1 | ppm | N | By-product of drinking water disinfection. |
| Haloacetic Acids (HAAS)* | 2020 | 29 | 0 – 30.9 | No goal for the total | 60 | ppb | N | By-product of drinking water disinfection. |
| Total Trihalomethanes (TTHm)* | 2020 | 49 | 27.8 – 61 | No goal for the total | 80 | ppb | N | By-product of drinking water disinfection. |
| Inorganic Contaminants | Collection Date | Highest Level Detected | Range of Levels Detected | MCLG | MCL | Units | Violations | Likely Source of Contamination |
| Barium | 2020 | 0.0173 | 0.173 – 0.173 | 2 | 2 | ppm | N | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits. |
| Fluoride | 2020 | 0.4 | 0.38 – 0.38 | 4 | 4.0 | ppm | N | Erosion of natural deposits; Water additive which promotes strong teeth; discharge from fertilizer and aluminum factories. |
| Nitrate (measured as Nitrogen) | 2020 | 0.13 | 0.13 – 0.13 | 10 | 10 | ppm | N | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits. |
| Sodium | 2020 | 4 | 3.91 – 3.91 | | | ppm | N | Erosion from naturally occurring deposits: used in water softener regeneration. |
| Radioactive Contaminants | Collection Date | Highest Level Detected | Range of Levels Detected | MCLG | MCL | Units | Violation | Likely Source of Contamination |
| Combined Radium 226/228 | 2020 | 0.7 | 0.7 – 0.7 | 0 | 5 | pCi/L | N | Erosion of natural deposits. |
| Gross alpha excluding radon and uranium | 2020 | 0.02 | 0.02 – 0.02 | 0 | 15 | pCi/L | N | Erosion of natural deposits. |
| Synthetic Organic contaminants including pesticides and herbicides | Collection Date | Highest Level Detected | Range of Levels Detected | MCLG | MCL | Units | Violation | Likely Source of Contamination |
| Atrazine | 2020 | 0.57 | 0 – 0.57 | 3 | 3 | ppb | N | Runoff from herbicide used on row crops. |
| Simazine | 2020 | 0.4 | 0 – 0.4 | 4 | 4 | ppb | N | Herbicide run-off. |

Turbidity

| | Limit (Treatment Technique) | Level Detected | Violation | Likely Source of Contamination |
|--------------------------------|-----------------------------|----------------|-----------|--------------------------------|
| Highest single measurement | 1 NTU | 0.19 NTU | N | Soil runoff. |
| Lowest monthly % meeting limit | 0.3 NTU | 100% | N | Soil runoff. |

Information Statement: Turbidity is a measurement of the cloudiness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration system and disinfectants.

Total Organic Carbon

The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set, unless a TOC violation is noted in the violations section.

Annual Drinking Water Quality Report

GREENVILLE
110050050

Annual Water Quality Report for the period of January 1 to December 31, 2020.

This report is intended to provide you with important information about your drinking water and the effort made by the water system to provide safe drinking water.

The source of drinking water used by GREENVILLE is Surface Water.

For more information regarding this report contact:

Name Jim Sutton

Phone 618-664-0131

Este informe contiene información muy importante sobre el agua que usted bebe. Tradúzcalo ó hable con alguien que lo entienda bien.

Source of Drinking Water

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, which may come from sewage treatment plants, septic systems, agricultural 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 productions, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

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 at (800) 426-4791.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must 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 Hotline (800-426-4791).

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. We 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>.

Source Water Information

| | |
|---------------------------------|---------------|
| Source Water Name | Type of Water |
| 60096 INTAKE GOVERNOR BOND LAKE | SW |

Source Water Assessment

We want our valued customer to be informed about their water quality. If you would like to learn more, please feel welcome to attend any of our regularly scheduled meetings. The source water assessment for our supply has been completed by the Illinois EPA. If you would like a copy of this information, please stop by City Hall or call our water operator at 618-664-0131. To view a summary version of the completed Source Water Assessments, including: Importance of Source Water; Susceptibility to Contamination Determination; and documentation/recommendation of Source Water Protection Efforts, you may access the Illinois EPA website at <http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl>.

Illinois EPA considers all surface water sources of community water supply to be susceptible to potential pollution problems; hence, the reason for mandatory treatment for all surface water supplies in Illinois. Mandatory treatment includes coagulation, sedimentation, filtration, and disinfection.