

State of Iowa  
Public Drinking Water Program  
2022 Annual Compliance Report



Environmental Services Division  
Water Quality Bureau  
Water Supply Operations & Engineering Sections

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Iowa Department of Natural Resources  
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All photos in this report were taken by DNR water supply program staff of DWSRF projects, primarily those completed in 2020-2021. A set of three photos were submitted on project by the PWS and is attributed.



**New water treatment plant constructed primarily in 2021.**

## Introduction

The Iowa Department of Natural Resources (DNR) administers the Public Drinking Water Program in Iowa under delegation of authority from the United States Environmental Protection Agency (EPA). The 1996 re-authorized Safe Drinking Water Act (SDWA) requires that each state that has been granted primary implementation authority prepare an annual report on violations of national primary drinking water regulations within the state, make the report readily available to the public, and submit it to the EPA. This report fulfills this responsibility in Iowa for the 2022 calendar year, and includes violations of maximum contaminant levels, maximum residual disinfectant levels, treatment technique requirements, action level exceedances, major monitoring or reporting requirements, and operator certification requirements.

### The 2022 Report Highlights

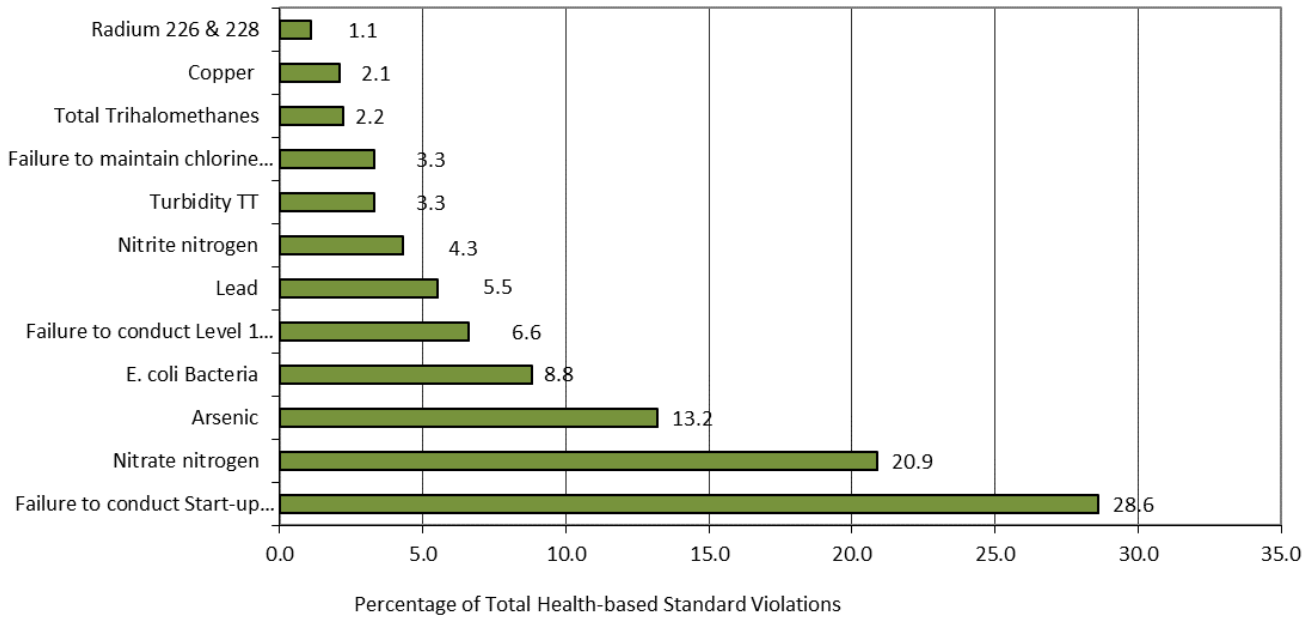
Iowa's inventory of public water supply systems was 1,838, a slight decrease from 2021. The percentage of systems in compliance with all health-based standards in 2022 was 96.2%, while the percentage of population served by systems compliant with all health-based standards was 98.9%. Major monitoring and reporting requirements were met by 80.6% of systems. The percentage of population served by systems in compliance with the major monitoring and reporting requirements was 94.1%.

### Compliance with Health-Based Standards

- No waterborne diseases or deaths were reported from Iowa public water supply systems (PWS) in 2022.
- Over 3.03 million people (of the 3.06M people served by Iowa's PWS) regularly received water from systems meeting all health-based drinking water standards.

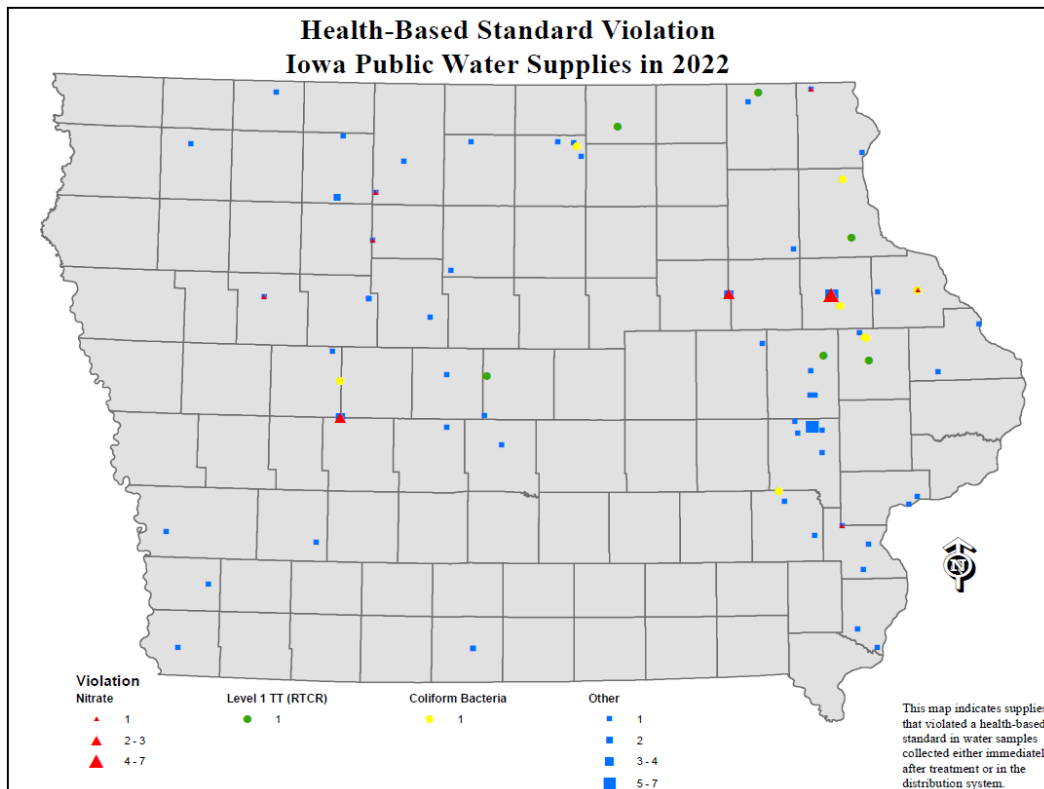


- Health-based drinking water standards were met by 96.2% of the 1,838 regulated public water supplies. There were 70 public water supplies that had 91 violations of a health-based drinking water standards, maximum residual disinfectant level, treatment technique, or action level.
- Eight regulated contaminants were found at levels that exceeded the health-based standards during 2022, and four treatment techniques were not met. The standards are shown in the chart on the following page, along with the percentage each contributed to the total number of health-based standard violation



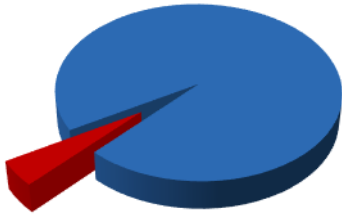
### 2022 Health-based Standard Violations Map

The map depicts the health-based standard violations that occurred in 2022 at Iowa’s PWS, with the number of violations denoted by size of the marker. Three common violations are shown separately; the remaining violations are grouped together as “other.”

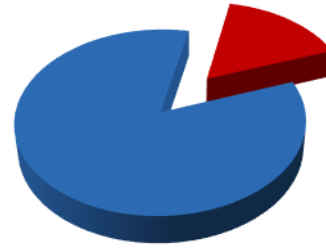


### Compliance with Monitoring & Reporting Requirements

- A major monitoring violation is incurred when a required sample is not collected for a specific contaminant.
- Over 2.87 million people regularly received water from Iowa systems that complied with all major monitoring and reporting requirements.
- Major monitoring and reporting requirements were met by 80.6% of the 1,838 regulated PWS systems.
  - There were 570 major monitoring violations in 2022 at 270 systems.
  - At least one reporting violation was incurred by 170 systems, for a total of 353 reporting violations.

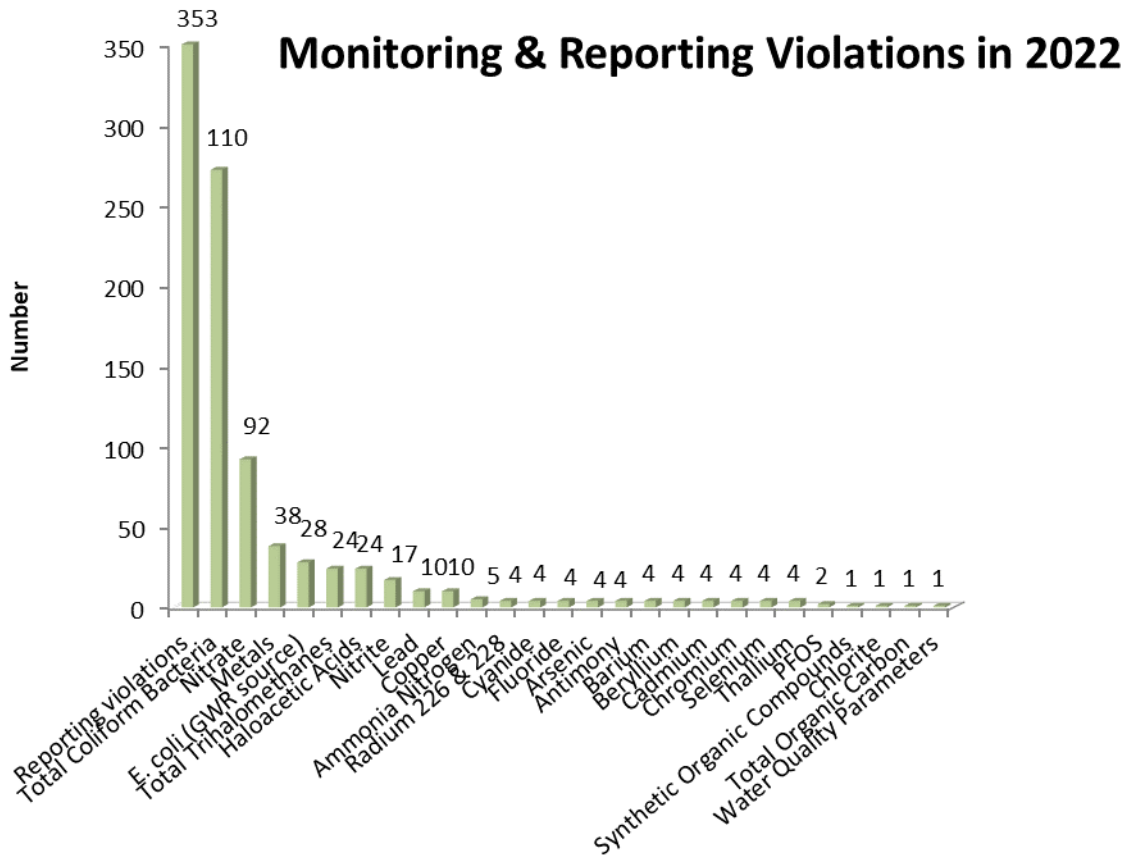


- Population served by systems with no monitoring or reporting violations 94%
- Population served by systems with monitoring or reporting violations 6%

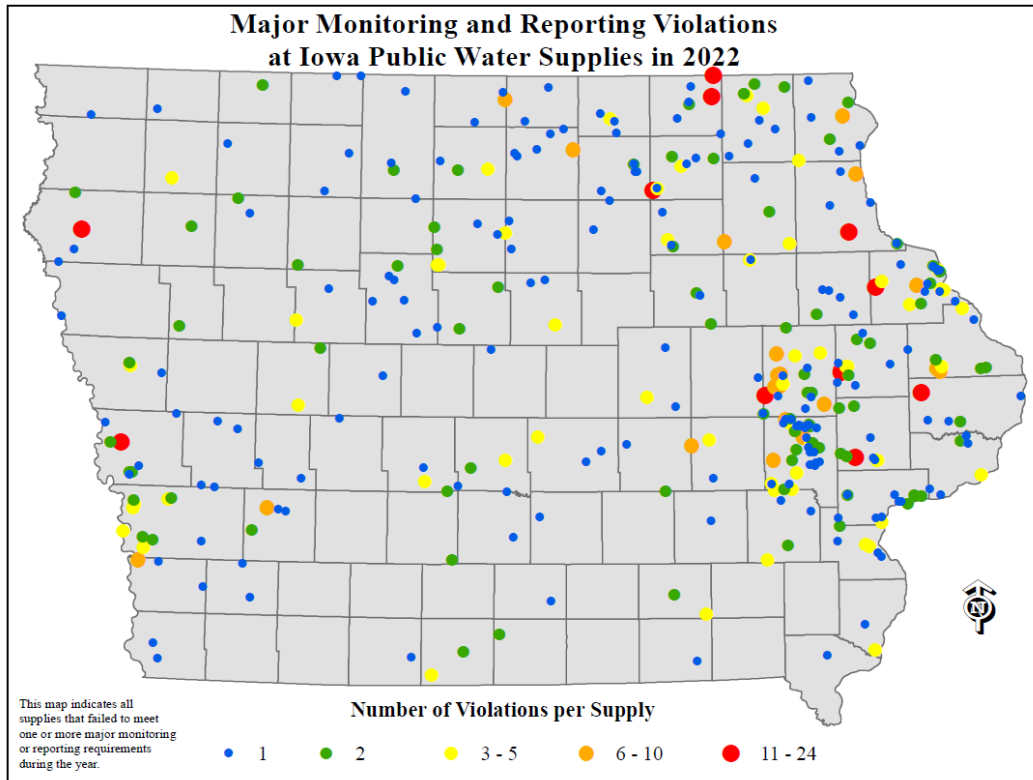


- Iowa PWS with no major monitoring or reporting violations 81%
- Iowa PWS with major monitoring or reporting violations 19%

- The monitoring and reporting violations are shown on the following chart, along with the number each contributed to the total number of monitoring and reporting violations.



This map depicts the systems in Iowa that incurred a major monitoring or reporting violation in 2022. The system that incurred the most monitoring/reporting violations in 2022 had 24 monitoring/reporting violations.



Pilot project for ammonia removal

## The National Public Drinking Water Program: An Overview

The United States Environmental Protection Agency (EPA) established the Public Water System Supervision Program under authority of the 1974 Safe Drinking Water Act (SDWA), which was most recently amended in 1996.

- To ensure the water is safe for human consumption, EPA sets national limits on allowable contaminant levels in PWS systems. These limits are known as maximum contaminant levels and maximum residual disinfectant levels.
- Because certain contaminants are difficult to measure, EPA establishes treatment techniques or action levels in lieu of maximum contaminant levels to control unacceptable levels of those specific contaminants in public drinking water.
- EPA specifies how often systems must monitor for contaminants and requires those monitoring results be reported to the state. Generally, the larger the population, the more frequent the monitoring and reporting requirements.
- EPA requires systems to notify the public they serve when violations of the drinking water regulations occur. Public notification must include a clear and understandable explanation of the nature of the violation, potential

adverse health effects resulting from the violation, steps the system is taking to correct the violation, and the availability and necessity of using alternative water supplies until the violation is corrected.

- EPA also has requirements for certification of water distribution and water treatment operators, environmental laboratory certification, and development of systems' technical, financial, and managerial capacity, to ensure that systems are properly operated.

The SDWA applies to all 50 States, the District of Columbia, Native American Indian Lands, Puerto Rico, the Virgin Islands, American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands.

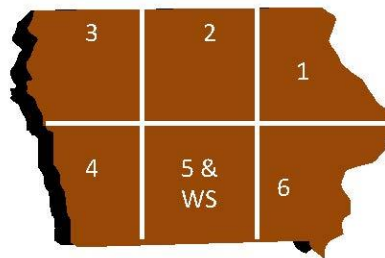
The SDWA allows States and Territories to seek EPA approval to administer their own Public Water Supply Supervision Program (PWSS), which is called primacy. To receive primacy, States must meet certain requirements set forth in the SDWA regulations, including adoption of drinking water regulations which are at least as stringent as federal regulations, and must demonstrate that the state or territory can enforce the program requirements. Of the 56 states and territories, all but Wyoming and the District of Columbia have primacy. The EPA Regional Offices administer the PWSS programs within those two jurisdictions.

Native American tribes must meet the same requirements as a state in order to receive primacy. EPA currently administers PWSS Programs on all Indian lands except the Navaho Nation. The three public water supplies operated by Native American tribes in Iowa have not received primacy and are overseen directly by EPA Region 7 (Lenexa, KS): Winn-A-Vegas Casino in Sloan; Blackbird Bend Casino in Onawa; and, the Sac & Fox Meskwaki Community in Tama.

EPA regional offices report to the states any enforcement actions taken by EPA within their jurisdiction. All SDWA data for a state is stored in an electronic database called the Safe Drinking Water Information System (SDWIS). At the federal level, this database contains an inventory of PWS systems and violation records. States have additional computer systems to augment the required functions of the SDWA program.

### The Iowa DNR Drinking Water Program Components

The Iowa public drinking water program has the following responsibilities, conducted by staff located centrally in Des Moines (Water Supply and Region 5), as well as in five other cities around the state: Manchester (Region 1), Mason City (Region 2), Spencer (Region 3), Atlantic (Region 4), and Washington (Region 6). The offices are shown on the map.



#### On-Site Inspection

- conducts site surveys for well and treatment facility placement,
- along with contracted county health departments, inspects every PWS system in the state at least every five years (three years for community water systems), which includes examination of the operation and maintenance of the entire system,
- ensures systems address significant deficiencies identified during onsite inspections,
- reviews monthly operation reports,
- provides technical assistance to water supply operators,
- responds to complaints from the public,
- provides emergency response to spills that may threaten water resources, and
- provides assistance to PWS systems during disaster events.



## Operation Permitting

- issues the operation permits for each system at least every three years, which lists the system-specific monitoring, operation, and reporting requirements,
- provides technical assistance to water supply operators,
- monitors the compliance by each system with the drinking water program requirements, and
- prepares violation notices, compliance schedules, and enforcement actions.

## Construction Permitting

- issues construction permits for projects,
- reviews preliminary engineering reports and viability assessments, and
- assists systems and consulting engineers in selecting various treatment technologies for specific water quality problems.

## Water Allocation and Use Permitting

- allocates and tracks the withdrawal of water from Iowa's aquifers and surface waters,
- issues and renews water use permits that are effective for ten years, and
- reviews water conservation plans.

## Drinking Water Operator Certification

- evaluates qualifications of the applicants to determine eligibility for examination,
- certifies operators that successfully complete an electronic exam, and
- renews certification every two years of operators that earn continuing education units.

## Environmental Laboratory Certification

- certifies laboratories that analyze compliance samples under the SDWA, and
- contracts with the State Hygienic Laboratory to inspect environmental laboratories every two years and check the accuracy of annual proficiency testing samples.

## Drinking Water State Revolving Loan Program (DWSRF)

- makes low-interest loans to drinking water systems for construction of drinking water sources, treatment, storage and distribution systems to ensure public health and provide safe drinking water,
- conducts environmental reviews, and,
- if there are more requests than funding, scores and ranks applications based on whether the projects addresses health risks, rule compliance, and infrastructure needs, including criteria for loan eligibility.
- In SFY 2022, there were 16 construction loans for a total of over \$47.7 million dollars and 18 planning and design loans for a total of almost \$5.5 million dollars. Through SFY 2022, over \$1 billion dollars has been provided in loans to Iowa's PWSsystems.

Iowa also provides a variety of assistance to public water systems through the following programs, funded through the state revolving loan fund set-asides:

- **Capacity Development** The department continues to implement a capacity development (also called viability assessment) strategy to improve the financial, technical, and managerial capabilities of all public water systems. New systems must be considered viable before they start construction and begin operating. Existing systems are required to conduct self-assessments based upon various performance factors and may need to work with the department on areas determined to be deficient in order to retain viable status. The department has an e-mail newsletter, the Water Supply Listserv, written for operators on relevant topics of the day. The listserv is sent at least monthly to the subscribers, which numbered 30,434 people as of 5/15/2023.
- **Area Wide Optimization Program (AWOP)** In this reporting year, Iowa's AWOP team members continued to participate in quarterly AWOP meetings. The May quarterly meeting was a very welcomed in-person meeting hosted here in Iowa. During the event, an AWOP overview was presented to participants and DNR management. A one-day workshop was held on the topic of harmful algal blooms at the Des Moines Water Works McMullen Water Treatment Plant.

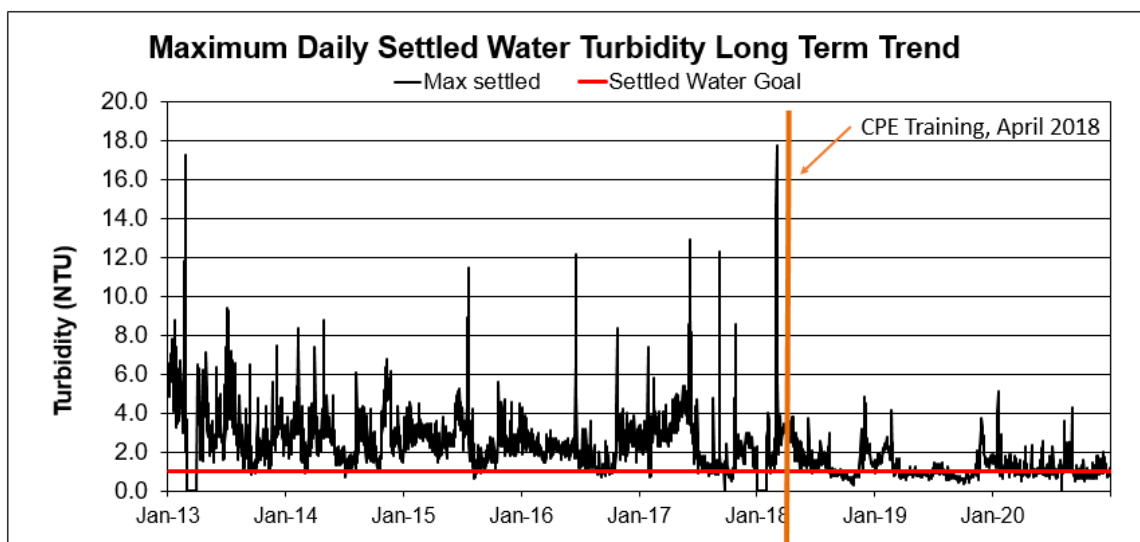
In October the AWOP team participated in a Multi-State Comprehensive Performance Evaluation (CPE) in Gonzales, LA. The CPE was focused on the City of Gonzales’ distribution system. Participants gained valuable experience with water quality assessment sampling and distribution system optimization concepts.

The AWOP team continued to assist in the development of a comprehensive Surface Water Treatment Training program through a contract with Process Applications, Incorporated (PAI). The format of the modules consists of two days with the first day being in classroom learning and the second day in plant exercises. This training program integrates various optimization concepts related to operation, special studies and data integrity. In previous years, Module 1 (regulation), Module 2 (rules), and Module 3 (flocculation) were completed and piloted. Module 4 (filtration) was completed and piloted and Module 5 (disinfection) content was developed in 2022 and is scheduled to be piloted in 2023. The sixth and final module (regulator training module) is currently in development by PAI.

Data Integrity remained a primary focus of Iowa’s AWOP program in 2022. A “mini” data audit was conducted at a 2.3 MGD average day demand conventional filtration surface water plant in Field Office 6. The audit was prompted following review of monthly operating reports that showed turbidity values appearing to be the same as the month prior on three separate two month periods in the last year. The audit revealed an unintentional copy, paste, saving error to be the cause and revised MORS were submitted. Several other data integrity related issues were identified during the audit and addressed by the facility. This audit continues to underscore the fact that data integrity is an essential and an ongoing effort.

Data from the Monthly Operating Reports of Iowa’s surface water treatment plants was entered into the AWOP Optimization Assessment Software (OAS) through 2021. This information is utilized to evaluate plant performance relative to AWOP goals and encourage optimization. One success story can be seen at the Iowa City Water Department, a 16.7 MGD lime softening surface water treatment plant with three upflow clarifiers. The Iowa City Water Department participated in a training Comprehensive Performance Evaluation (CPE) in April, 2018. The CPE identified that operators were reluctant to utilize two softeners. A special study conducted during the CPE showed that settled water turbidities could be reduced by nearly half when utilizing both of their softeners compared to one. Following the CPE event, operational changes were made to utilize two softeners more frequently. A review of the OAS data showed a notable reduction in settled water turbidity post CPE.

Looking forward to 2023, the AWOP team is planning to deliver 2-3 data integrity workshops across the state. Iowa is also exploring the development of an AWOP recognition program that would recognize those systems that regularly utilize OAS.



- **Source Water Protection** The first step in a multiple-barrier approach to drinking water protection is preventing contamination of drinking water sources. The source water delineation and contaminant source inventory assessments (Phase 1 plans) for new public water sources continued in 2022, which the systems may then use to develop their system-specific source water protection plans (Phase 2 plans). Three systems had their system-specific source water plans approved in 2022: Badger, Crystal Lake, and Lamoni.
- **Technical Assistance Contracts** The department administers contracts for projects that provide technical assistance to water operators and to systems serving fewer than 10,000 persons.

## Iowa’s Public Water Supply Systems

### Definition of a Public Water Supply System (PWS)

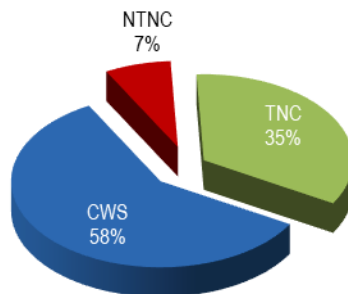
A public water supply system is a system that provides water to the public for human consumption, which includes drinking, handwashing, bathing, ice-making, dishwashing, food preparation, etc. The system must have at least 15 service connections or regularly serve an average of at least 25 individuals daily at least 60 days out of the year. An example of a system that is not a public water supply would be a well serving a farmstead or rural home with 6 residents, which is considered to be a private water supply.

- A public water supply system (PWS) is further classified as a community water system, a non-transient non-community system, or a transient non-community system.
- A **community water system (CWS)** is a PWS that meets the above definition for year-round residents. Examples of CWSs include municipalities, unincorporated towns, subdivisions, and mobile home parks.
- A **non-transient non-community water system (NTNC)** is a PWS that regularly serves at least 25 of the same people four hours or more per day, for four or more days per week, for 26 or more weeks per year. Examples of these systems are schools, day-care centers, factories, and offices. Other service-oriented businesses, such as hotels, resorts, hospitals, and restaurants, are classified as NTNCs if they employ 25 or more people and are open for 26 or more weeks of the year.
- A **transient non-community water system (TNC)** is a PWS other than a CWS or NTNC that regularly serves at least 25 individuals daily at least 60 days out of the year. Examples of TNCs are highway rest areas, bars, restaurants with fewer than 25 employees, golf courses, camps, and parks.

### Public Water Supply Systems in Iowa

#### Number of Systems and Population Served

In 2022, over 2.94 million Iowans were served by community public water supplies, or 92.3% of the total state population (compared with the 2020 census of 3,190,369), with the remaining 7.7% of the population served by private water supplies at their residences. Iowa’s 1,838 PWS systems in 2022 included 1,078 CWS, 124 NTNC, and 636 TNC systems. The map depicting all of Iowa’s active PWS systems in 2022 is shown on the next page.



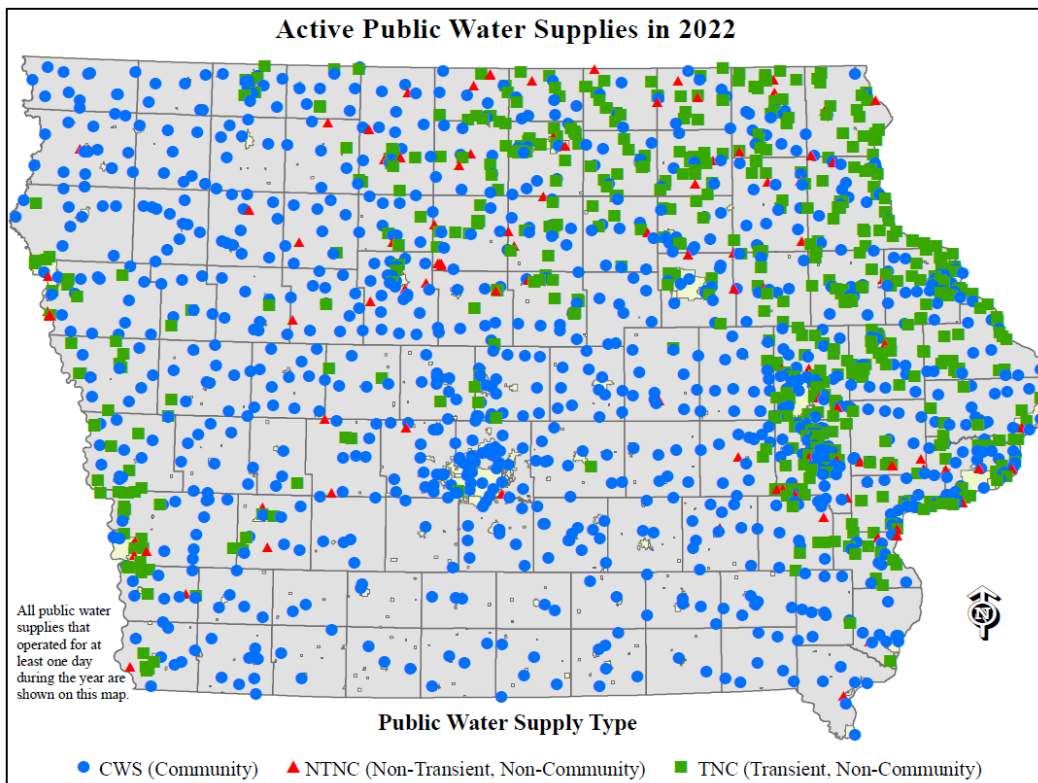
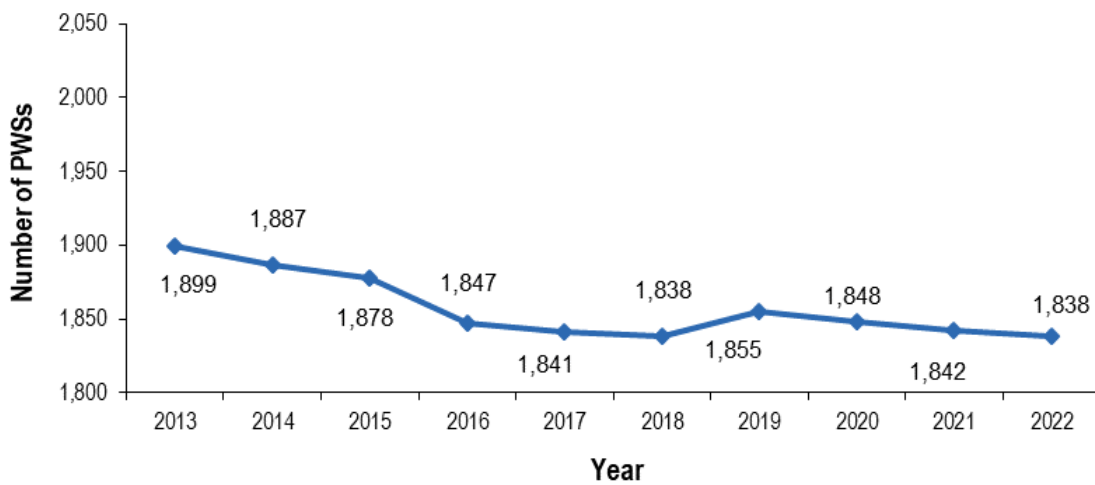
#### System Size

Iowa is a small-system state, as indicated in the following table, with 93% of our systems each serving fewer than 3,300 people.

Population Served	EPA Classification	Number of Iowa PWS	Percentage of Total Number of PWS	Total PWS Population Served
25 - 500	Very Small	1,296	70.5	182,938
501 - 3,300	Small	405	22.0	499,726
3,301 - 10,000	Medium	88	4.8	493,339
10,001 - 100,000	Large	46	2.5	1,348,279
Over 100,000	Very Large	3	0.2	534,263
	Total	1,838	100.0	3,058,545

In 2022, the number of PWS systems in Iowa slightly decreased from 2021. Any system that was active for a single day during the year is included in that year's total.

**Number of Regulated Iowa PWSs: 2013 - 2022**



**System Source Water**

Iowa’s drinking water is obtained from three sources:

- Groundwater from deep or shallow wells,
- Surface water from rivers, lakes, and reservoirs, and
- Groundwater that is under the direct influence of surface water as determined through testing by the presence of insects, bacteria, algae, pathogens, and/or significant and relatively rapid shifts in physical and chemical water characteristics.

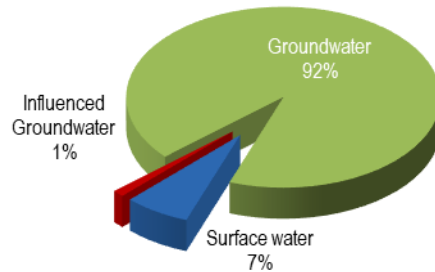
Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are the most vulnerable to contamination, followed by influenced groundwater systems. Systems using surface water or influenced groundwater sources have more complex operational and monitoring requirements than do groundwater systems, because of the greater treatment requirements of their source water.

As indicated in the following table, 92% Iowa’s systems are served by groundwater sources, which serve 54% of the population. Surface water and influenced groundwater sources are used in the remaining 8% of systems, and serve 46% of the population.

Source of Water	Number of PWS	Percentage of Total Number of PWS	Percentage of Total Population Served
Surface water	130	7.1	37.3
Influenced Groundwater	23	1.3	9.0
Groundwater	1,685	91.6	53.7

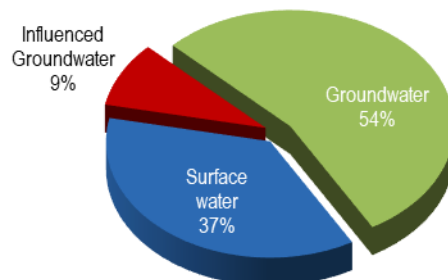
**System Source Water in Iowa:**

Most of Iowa’s PWS systems are supplied by groundwater.



**Population Served by the various Source Waters:**

Even though 92% of Iowa’s systems use only groundwater sources, those systems serve only 54% of the population served by PWS systems. The more populated areas of the state are generally served by surface water or influenced groundwater sources.



## Maximum Contaminant Levels (MCLs) and Maximum Residual Disinfectant Levels (MRDLs)

All systems classified as public water supplies are required to test periodically for coliform bacteria, nitrate, and nitrite. Inorganic and organic chemical testing are only required in community and non-transient non-community systems. With the exception of chlorine, chloramines, chlorine dioxide, and confirmed total coliform bacteria, the contaminants are regulated by a specific maximum contaminant level (MCL). An MCL is defined as the maximum permissible level of a contaminant in water that is delivered to any user of a PWS. Chlorine, chloramines, and chlorine dioxide are regulated by a maximum residual disinfectant level (MRDL), defined as the level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap without an unacceptable possibility of adverse health effects. The presence of confirmed total coliform bacteria triggers the requirement for a self-assessment by the system, which if not conducted within the prescribed timeframe, is a treatment technique (TT) violation.

With both the MCL and MRDL, if the drinking water meets that limit for a specific contaminant, it is considered to be safe. Monitoring frequencies are increased if a contaminant is found, and ultimately the system is required to resolve situations when the water is determined to not meet the standards.

In this section, the requirements for each group of contaminants are described, including the type of violation, common sources of contamination, specific health effects, how a violation is incurred, and how the system returns to compliance. The rules pertaining to MCLs and MRDLs are listed in the Iowa Administrative Code 567—Chapters 40, 41, 42, and 43.

### Contaminants posing an immediate risk to human health (“acute”)

There are four regulated contaminants that may pose an immediate, or acute, risk to human health if they are found in drinking water: *E. coli*, nitrate, nitrite, or chlorine dioxide.

#### *E. coli* Bacteria-567 IAC 41.2(1)

- **Sources of Contamination:** Total coliform bacteria are common in the environment and are generally not harmful themselves. The presence of *Escherichia coli* (*E. coli*) in drinking water is serious because the bacteria are usually associated with sewage or animal waste. The presence of these bacteria in drinking water generally is a result of a problem with the water treatment or the pipes which distribute the water, and indicates that the water may be contaminated with organisms that can cause disease.
- **Health Effects:** At greatest risk are children, pregnant women, infants, elderly persons, and persons with compromised immune systems. Disease symptoms may include diarrhea, cramps, nausea, headaches, and fatigue. Chlorinating the drinking water will provide disinfection. Boiling water from the tap is also an effective method of sterilizing the drinking water.
- **Acute MCL:** When total coliform bacteria are present in any sample, that sample is also analyzed for *E. coli*. Any confirmed *E. coli* sample is a violation of the MCL for *E. coli* bacteria. To meet this MCL, all drinking water samples must be free from these bacteria.
- **Violation:** A PWS incurs a violation when the MCL is exceeded in any one monthly or quarterly compliance period. A violation of the *E. coli* bacteria MCL is an acute violation and public notification must be started within 24 hours of notification of the violation.
- **Compliance Achieved:** The system returns to compliance after one monitoring period in which all required samples are collected as directed and all analytical results are negative.



#### Nitrate and Nitrite-567 IAC 41.3

- **Source of Contamination:** Nitrate and nitrite contamination can occur from several sources: the natural decay of organic materials such as leaves and crop residue, use of commercial fertilizers, contamination by human sewage and wastes from farm animals, and the nitrification of ammonia in the treatment and distribution system.
- **Health Effects:** Excessive levels of nitrate and nitrite in drinking water can cause serious illness and sometimes death in infants less than six months of age. Nitrate converts to nitrite, which interferes with the oxygen-carrying capacity in the child's blood (methemoglobinemia or blue-baby syndrome). This is an acute disease

because symptoms can develop rapidly in infants. In most cases, health deteriorates over a period of days. Symptoms include shortness of breath and blueness of the skin. Expert medical advice should be sought immediately if these symptoms occur. Elevated nitrate and nitrite levels may also cause adverse health effects in pregnant women through the risk of miscarriage and in people with specific metabolic diseases that increase the risk of methemoglobinemia. Boiling the water should not be done, since it will only concentrate the nitrates and nitrites. Alternative sources of water should be used, such as Food and Drug Administration-approved bottled drinking water with low levels of nitrate clearly listed on the label.

- **Acute MCL:** The MCL for nitrate is 10 mg/L as N and the MCL for nitrite is 1.0 mg/L as N.
- **Violation:** A system incurs a violation when the MCL is exceeded in any one compliance period, assigned either as a monthly, quarterly, or annual requirement. Violation of the nitrate or nitrite MCL is an acute violation.
- **Compliance Achieved:** The system returns to compliance after two consecutive quarters in which all required samples are collected as directed and all analytical results are below the MCL.



### Chlorine Dioxide-567 IAC 41.6

- **Source:** Chlorine dioxide is a chemical added to drinking water for the purposes of microbial disinfection and oxidation of dissolved organic carbon to reduce formation of disinfection byproducts.
- **Health Effects:** Some infants and young children who drink water containing chlorine dioxide in excess of the MRDL could experience nervous system effects. Similar effects may occur in the fetuses of pregnant women who drink water containing chlorine dioxide in excess of the MRDL. Some people may experience anemia. Violations of the chlorine dioxide standard within the distribution system may harm human health based on short-term exposures. Certain groups, including fetuses, infants, and young children, may be especially susceptible to nervous system effects from excessive chlorine dioxide exposure.
- **Acute MRDL:** The MRDL for chlorine dioxide is 0.8 mg/L as  $\text{ClO}_2$ , and only applies to those systems using chlorine dioxide in their treatment processes. An acute MRDL occurs when too much of the chlorine dioxide is applied during the treatment process at the treatment plant.
- **Violation:** A system incurs an acute violation when the daily monitoring results in the distribution system exceeds the MRDL on the day following an elevated chlorine dioxide level at the entry to the distribution system.
- **Compliance Achieved:** The system returns to compliance after two consecutive months in which all required samples are collected as directed and all analytical results are below the MCL.

### Contaminants posing a long-term risk to human health (“chronic” or “non-acute”)

#### Inorganic Chemicals-567 IAC 41.3 (not including lead & copper)

- **Source of Contamination:** Inorganic contaminants can leach into drinking water after dissolving from naturally-occurring minerals in the ground, or from runoff from industrial sources or landfills. Chlorite and bromate are byproducts of disinfection.
- **Health Effects:** These contaminants may damage organs such as the kidneys and liver, damage the cardiovascular system and central nervous system, and are sometimes associated with high blood pressure and cancer. High levels of fluoride may cause dental and skeletal fluorosis.
- **Non-Acute MCL:** Compliance with the MCL is determined based upon the sampling frequency:
  - For systems collecting a sample every month or quarter, compliance with the MCL is determined using a running annual average.
  - For systems collecting a sample annually or longer in frequency, compliance with the MCL is determined using the average of the initial sample and a confirmation sample.

Compliance with the chlorite requirements for systems using chlorine dioxide is determined from both source/entry point and distribution system samples.

For contaminants with an established Health Advisory (HA) level but no established MCL, the PWS is required to conduct public notification each quarter in which the HA is exceeded.

- **Violation:** A PWS incurs a violation when the MCL is exceeded in the average of the required samples.
- **Compliance Achieved:** The system returns to compliance after two consecutive monitoring quarters in which all required samples are collected as directed and all analytical results are below the MCL.

## Organic Chemicals-567 IAC 41.5 and 41.6

Organic chemicals are classified as a volatile organic chemical [VOC] or a synthetic organic chemical [SOC].

Sources of Contamination: Organic contaminants come from petroleum solvents, paint removers, degreasers, cleaning fluids, pesticides, gasoline, electrical transformers, manufacturing processes, chemical production, byproducts from disinfection, and the production of plastics. Agricultural runoff, improper waste disposal, and improper handling and storage techniques contribute to drinking water contamination via percolation of the contaminant through the soil into the groundwater.



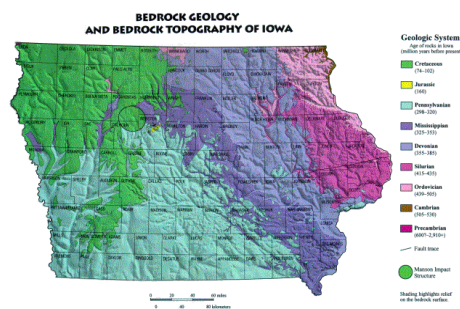
- Health Effects: These contaminants may damage organs such as the heart, liver, and kidneys, damage the central nervous and immune systems, and cause cancer.
- Non-Acute MCL: Compliance with the MCL is determined based upon the sampling frequency:
  - For systems collecting a sample annually or longer in frequency, compliance with the MCL is determined using the average of the initial sample and a confirmation sample.
  - For systems collecting a sample every quarter, compliance with the MCL is determined using a running annual average.

For contaminants with an established Health Advisory (HA) level but no established MCL, the PWS is required to conduct public notification each quarter in which the HA is exceeded.

- Violation: A PWS incurs a violation when the MCL is exceeded in the average of the required samples.
- Compliance Achieved: The system returns to compliance after two consecutive monitoring quarters in which all required samples are collected as directed and all analytical results are below the MCL.

## Radionuclides-567 IAC 41.8

- Source of Contamination: Alpha emitters, which include radium and uranium, occur naturally in certain groundwaters in the state due to the geological formations, particularly in the deeper aquifers. Beta emitters are usually the result of manmade sources or activities.
- Non-Acute MCL: Compliance with the MCL is determined from the annual average of four quarters of sampling, either four separately analyzed samples or four temporally-composited aliquots in a single analyzed sample.
- Health Effects: Radionuclide contaminants may cause cancer.
- Violation: A PWS incurs a violation when the MCL is exceeded in the average of the required samples.
- Compliance Achieved: The system returns to compliance after one monitoring period in which all required samples are collected as directed and all analytical results are below the MCL.



Map courtesy of Iowa Geological Survey

## Disinfectants-567 IAC 43.6

Disinfectants are chemicals added to the drinking water during treatment to provide disinfection at the treatment plant and in the distribution system. They are regulated by a maximum residual disinfectant level, MRDL, which is the maximum amount of disinfectant allowed in the system.

- Health Effects: Health effects for chlorine and chloramines include irritating effects to the eyes and nose, stomach discomfort, and (chloramine only) anemia. Chlorine dioxide can cause nervous system effects and anemia. Similar effects may occur in fetuses of pregnant women who drink water containing chlorine dioxide in excess of the MRDL.



- **Non-Acute MRDL:** Compliance with the chlorine and chloramine maximum residual disinfectant level (MRDL) is determined from the annual average of twelve months of sampling. Compliance with the chlorine dioxide maximum residual disinfectant level is determined from the comparison of the source/entry point and distribution system samples to the MRDL. Chlorine dioxide can be either an acute (found in the distribution system at levels greater than the MRDL) or a non-acute health risk (only found at the treatment plant at levels greater than the MRDL), depending upon the duration and location of the elevated levels in the system.
- **Violation:** A system incurs a violation for chlorine or chloramines when the MRDL is exceeded in the annual average of the required samples. A non-acute violation is incurred for chlorine dioxide when the source/entry point sample exceeds the MRDL for two consecutive days and the distribution system samples are all below the MRDL.
- **Compliance Achieved:** The system returns to compliance after two consecutive monitoring periods in which all required samples are collected as directed and all analytical results are below the MRDL.



Water main installation using open trench construction  
(photos were provided by the system)

## Action Level and Treatment Technique Requirements

Certain systems are required to meet action level and treatment technique requirements. All NTNC and CWS systems are required to comply with the lead and copper action levels. All systems meeting specific criteria are required to comply with the treatment techniques.

In this section, the requirements for each group of contaminants are described, including the type of violation, common sources of contamination, specific health effects, how a violation is incurred, and how the system returns to compliance. If the drinking water from these systems meets the stated requirements, it is considered to be safe.

### Action Level (AL) Requirements

#### Lead/Copper Action Levels - 567 IAC 41.4

- **Action Level Exceedance:** Lead and copper are regulated by action levels (AL) rather than MCL standards. Compliance with the action level is based upon the number of samples collected. The lead action level is exceeded if the concentration of lead in more than 10 percent of tap water samples collected during any monitoring period is greater than 0.015 mg/L (i.e., if the “90<sup>th</sup> percentile” lead level is greater than 0.015 mg/L). The copper action level is exceeded if the concentration of copper in more than 10 percent of tap water samples collected during any monitoring period is greater than 1.3 mg/L (i.e., if the “90<sup>th</sup> percentile” copper level is greater than 1.3 mg/L). If the action level at the 90<sup>th</sup> percentile is exceeded for either lead or copper, it represents a long-term risk to health.
- **Source of Contamination:**



- Lead is a common metal found in lead-based paint, household dust, and certain types of pottery, porcelain, and pewter. It can be found in drinking water due to leaching from lead pipes, from lead solder on indoor plumbing, or from brass faucets and fixtures.
- Copper is often used to plumb residential and commercial structures that are connected to water distribution systems. Leaching of copper from these sources can result in contamination of the drinking water.
- **Health Effects:** Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure. Copper is an essential nutrient but some people who drinking water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson’s Disease should consult their personal doctor.
- **Violation:** A PWS is out of compliance when the action level is exceeded for either lead or copper in any one compliance period, assigned either as a six-month, annual, or triennial requirement. Once the action level is exceeded, the PWS must conduct required lead public education if the lead AL was exceeded, collect water quality parameters, conduct a corrosion control treatment study, implement steps to control the corrosive characteristics of the water, and collect additional samples to demonstrate return to compliance with the action level standard.
- **Compliance Achieved:** A system is returned to compliance when the sample results for two 6-month compliance periods are below the action levels for both lead and copper. This can take several years to accomplish due to the time needed to refine corrosion control processes, which is then followed by a year of sampling. Those results must below the action level before the violation is considered to be compliance achieved.

### Treatment Technique Requirements (TT)

EPA established treatment techniques in lieu of MCLs to control unacceptable levels of some contaminants. For example, if a system using surface water or influenced groundwater exceeds the turbidity limit, does not meet the residual disinfectant requirements, or does not meet the disinfection contact time ratio (CT ratio), that system incurs a treatment technique violation. The violation could be either an acute or a non-acute violation, depending upon the specific situation.

#### Total Inactivation CT Ratio-567 IAC 43.5

All SW/IGW systems must determine their CT value on a daily basis.

- The CT in drinking water is determined by multiplying the disinfectant concentration by the amount of time that the disinfectant is in contact with the water. Each system must achieve a specific CT prior to the treated water entering the water distribution system. The amount of CT required depends on system configuration and water quality parameters, which include the pH and temperature of the water.
- Insufficient CT can allow disease-causing organisms such as *Giardia lamblia* or viruses to survive and thereby be distributed throughout the system.
- **Health Effects:** CT has no health effects, however, insufficient CT levels can allow disease-causing organisms that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches to survive and enter the distribution system.
- **Violation:** A system incurs a treatment technique violation when the CT ratio of actual CT compared to required CT is less than 1.0, and is insufficient.
- **Compliance Achieved:** A system is returned to compliance when the CT ratio is sufficient and the residual disinfectant requirements have been met. The violation could be returned to compliance in the following month, or the time period could be longer, depending upon the action needed to correct the violation.

#### Disinfection Byproduct Precursor Removal-567 IAC 43.6

All SW/IGW systems using conventional filtration treatment must determine the removal percentage of disinfection byproduct precursors (organic carbon) on a monthly basis. Failure to remove an adequate percentage is a treatment technique violation. There are alternative compliance criteria that may be used by the system if it is unable to remove the required percentage of total organic carbon. Compliance is determined on running annual average.

- **Health Effects:** Total organic carbon has no health effects, however, it provides a medium for the formation of disinfection byproducts. These byproducts include trihalomethanes and haloacetic acids. Drinking water containing these byproducts in excess of the MCL may lead to adverse health effects, liver, or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer.
- **Violation:** A system incurs a treatment technique violation when the precursor removal percentage is insufficient and an alternative compliance criteria cannot be used.
- **Compliance Achieved:** A system is returned to compliance when it can meet the precursor removal requirements.

#### **Groundwater Rule-40 CFR 141.400**

All public water systems using groundwater (excluding IGW systems in Iowa) are required to comply with the federal Groundwater Rule. This rule requires microbial source water monitoring for groundwater systems that do not treat all of their water to a level of at least 99.99% (4-log) virus inactivation or removal. Influenced groundwater systems already meet the requirements of this rule because of the mandatory treatment requirements for that source water type. A positive routine total coliform bacteria sample in the distribution system triggers monitoring of the source water in each well that reasonably could have contributed to the positive sample. The source water sample is then analyzed for one of three fecal indicator organisms: *E. coli*, coliphage, or *Enterococci*. Significant deficiencies determined during a sanitary survey must be addressed and corrected within specified timeframes. Systems using approved 4-log virus inactivation or removal treatment in lieu of triggered source water monitoring must also conduct additional disinfectant residual compliance monitoring.

- **Health Effects:** Persons at greatest risk to ill effects from microbial infection are children, pregnant women, infants, elderly persons, and persons with compromised immune systems. Disease symptoms may include diarrhea, cramps, nausea, headaches, and fatigue.
- **Violation:** A system incurs a treatment technique violation when there is a failure in the 4-log virus inactivation treatment or when a significant deficiency in the system is not addressed and corrected within the specified timeframes.
- **Compliance Achieved:** A system is returned to compliance when it meets the required treatment criteria and addresses any significant deficiency that triggered a violation.

#### **Mandatory Treatment-567 IAC 43.2(5)**

A system may be required to use a specific treatment process in order to comply with the MCL for a given contaminant, such as arsenic, coliform bacteria, fluoride, nitrate, or radionuclides. Failure to use that treatment on a continuous basis or as otherwise required in the system's operation permit, is a treatment technique violation.

- **Health Effects:** The health effects are those that are caused by the specific contaminant for which the treatment was required.
- **Violation:** A system incurs a treatment technique violation when the required treatment is not used.
- **Compliance Achieved:** A system is returned to compliance when the treatment is used and all requirements have been met. The violation could be returned to compliance in the following month, or the time period could be longer, depending upon the action needed to correct the violation.

#### **Residual Disinfectant (minimum)-567 IAC 43.5**

All SW/IGW systems must provide disinfection to provide inactivation or removal of 99.9% *Giardia lamblia* cysts and 99.99% viruses. The chlorine residual in drinking water is a measure of the amount of available chlorine in the water. It also allows the maintenance of an effective disinfectant agent throughout the distribution system.

- The disinfectant entering the distribution system (source/entry point after all treatment) cannot be lower than 0.3 mg/L free residual chlorine or 1.5 total residual chlorine for more than four hours.
- The disinfectant within the distribution system must meet the same minimums as at the source/entry point and cannot be undetectable in more than 5% of the samples each month for any 2 consecutive months. This also applies to heterotrophic plate counts (HPC) which can be measured in lieu of disinfectant monitoring. The HPC must be less than or equal to 500 colony forming units per milliliter of sample in order to have acceptable disinfectant residual.
- **Health Effects:** Insufficient levels can allow disease-causing organisms that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches to survive and enter the distribution system.

- **Violation:** A system incurs a treatment technique violation when the minimum required residual disinfectant levels are not maintained.
- **Compliance Achieved:** A system is returned to compliance when the residual disinfectant requirements have been met. The violation could be returned to compliance in the following month.

### **Surface Water Treatment Rule, Interim Enhanced Surface Water Treatment Rule, and Long-term 1 Enhanced Surface Water Treatment Rule-567 IAC 43.5, 43.9, and 43.10**

This rule establishes criteria under which water systems supplied by surface water (SW) or groundwater under the direct influence of surface water (IGW), must filter and disinfect the water during the treatment process. These required treatment techniques are in addition to the other requirements of groundwater systems. All SW/IGW systems have filtration treatment in Iowa.



- **Treatment Techniques:** For purposes of this report, treatment techniques are specified for SW/IGW systems to reduce or remove contaminants that must be monitored at the system and cannot be feasibly or economically measured in a laboratory. The definition of a treatment technique is a treatment process that leads to a reduction in the level of a contaminant sufficient to meet drinking water standards. Examples of treatment techniques for SW/IGW systems are turbidity removal, maintenance of an adequate disinfectant residual, and sufficient disinfectant contact time.

### **Total Coliform Bacteria-567 IAC 41.2(1)**

All PWS systems must comply with the total coliform bacteria monitoring rules. If a sample is confirmed positive for *E. coli*, it results in an acute *E. coli* MCL violation. If a sample is confirmed positive for total coliform only, it triggers a self-assessment of the entire system by the owner or operator, which is called a Level 1 assessment. Failure to complete or submit that assessment within the required timeframe is a TT violation. There are other scenarios when a TT violation is incurred, such as failure to fix the sanitary defect as scheduled, or for seasonal systems, failure to follow their startup procedure.

- **Source of Contamination:** Total coliform bacteria are common in the environment and are generally not harmful themselves, but their presence in drinking water is serious because it indicates a pathway of contamination. The presence of these bacteria in drinking water generally is a result of a problem with the water treatment or with the pipes which distribute the water, and indicates that the water may be contaminated with organisms that can cause disease.
- **Health Effects:** At greatest risk are children, pregnant women, infants, elderly persons, and persons with compromised immune systems. Disease symptoms may include diarrhea, cramps, nausea, headaches, and fatigue. Chlorinating the drinking water will provide disinfection. Boiling water in the home is also an effective method of sterilizing the drinking water.
- **Level 1 Assessment:** Compliance with the total coliform bacteria standard is determined by the presence or absence of total coliform bacteria in a sample. Any confirmed total coliform sample, with no detection of *E. coli*, triggers the system to conduct a Level 1 Assessment, to find any sanitary defect in their system, and to fix any defect that is found.
- **Level 2 Assessment:** A Level 2 Assessment, which is an onsite assessment of the system to determine any sanitary defects that could lead to microbial contamination, is conducted by DNR staff if a system has an acute *E. coli* MCL violation or has more than one Level 1 Assessment in a 12-month period.
- **Violation:** A system incurs a violation when the trigger is exceeded in any one compliance period assigned either as a monthly or quarterly requirement and the system fails to conduct the Level 1 Assessment, fails to correct sanitary defects in a timely manner, or is a seasonal system that has failed to conduct its required startup procedure. The violation is a treatment technique violation.
- **Compliance Achieved:** The system returns to compliance after a missing report is submitted, any found defect is repaired followed by one monitoring period in which all required samples are collected as directed, and all analytical results are negative for coliform bacteria.

### **Turbidity-567 IAC 43.5, 43.9, and 43.10**

- **Treatment Technique:** All SW/IGW systems, regardless of size, must meet the treatment techniques for turbidity. Turbidity, or cloudiness, of drinking water is a measure of the tiny particles suspended in the water

that can interfere with disinfection and testing for bacteria. It can also prevent maintenance of an effective disinfectant residual throughout the distribution system. Systems are required to remove 99% (2-log) of the *Cryptosporidium* oocysts through filtration. In addition, systems using conventional or direct filtration must meet the following two treatment techniques for turbidity:

- the turbidity level of representative samples of a system's filtered water must be less than or equal to 0.3 NTU in at least 95% of the measurements taken each month, and
- no single sample result may exceed 1 NTU.
- **Sources of Contamination:** The major source of turbidity contamination is soil runoff.
- **Health Effects:** Turbidity by itself has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms such as bacteria, viruses, and parasites such as *Giardia lamblia* and *Cryptosporidium* that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches, and can result in death.
- **Violation:** A PWS incurs a treatment technique violation when either standard is exceeded in any month.
- **Compliance Achieved:** A system is returned to compliance when turbidity results consistently meet the standards.



Water filter gallery



New hydrant, not yet in service

### Violation Data for Health-based Standards: MCL, MRDL, AL, and TT

Approximately 3.03 million people received water served by Iowa PWS systems in 2022 that complied with all health-based standards, including MCL, MRDL, AL, and TT standards. In 2022, 99.1% of the population served by community PWS systems received water that met all drinking water standards adopted by the department, and 98.1% of community public water supplies met all drinking water standards.

Of the 1,838 regulated PWSs in Iowa, 96.2% were in compliance with all MCL, MRDL, AL, and TT standards. There were 70 PWSs that had at least one violation of an MCL, AL, MRDL, or TT standard. There were 91 violations of nine contaminants and four treatment techniques in 2022, as indicated in the following table. The most frequent standard that was not met in Iowa in 2022 was the failure to conduct Start-up Procedures (RTCR) for seasonal systems, which is a TT violation.

Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2020	System Population*
Arsenic	5	17	16.0	412	677
Coliform Bacteria Failure to conduct a Level 1 Assessment TT	2	2	1.8	Not applicable	125
Coliform Bacteria Failure to conduct a Start-Up Procedure TT	26	26	24	Not applicable	2,817
Copper action level	10	10	9.0	4,820	9,017
Failure to maintain Microbial Treatment TT	10	13	12	Not applicable	1982
GWR Failure to address Significant Deficiency TT	2	2	1.8	Not applicable	444
Lead action level	3	3	2.8	4,821	1,091
Nitrate nitrogen	18	20	18.6	3,622	422
Nitrite nitrogen	1	1	1.0	1,582	599
Total Trihalomethanes (TTHM)	1	3	2.8	1,702	2,056
Failure to have qualified operator (DBP TT)	1	1	1	Not applicable	88
Total Coliform Bacteria	3	3	2.8	53,149	472
Maximum Residual Disinfectant Level	1	1	1	Not applicable	760
Haloacetic Acid (5)	1	1	1	1,701	1,822
Radium 226 & 228	1	4	3.7	448	135
Total:	70**	107	100%		21,082**

\*The population for a system with multiple violations in a single category was only included once in this total.

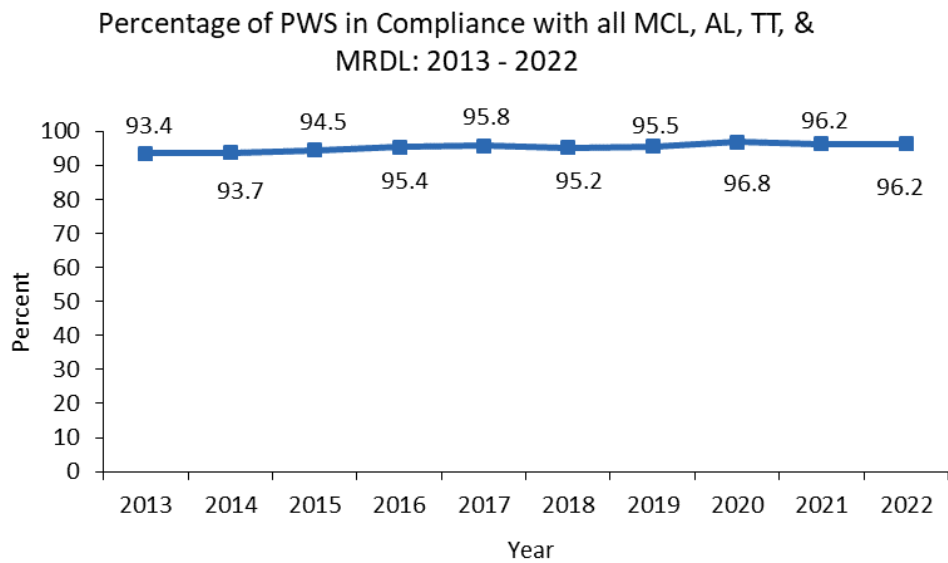
\*\*Each PWS is only included once in the total, even though they may have multiple violations. Likewise, the population of a system is only included once in the system population total, even though multiple violations may have occurred in a system.

Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2022	System Population*
Arsenic	7	12	13.19	594	1923
Copper	2	2	2.20	4673	803
E. coli Bacteria	8	8	8.79	31439	601
Failure to Conduct Level 1 Assessment (RTCR) TT	6	6	6.59	Not Applicable	342
Failure to conduct Start-up Procedures (RTCR) TT	26	26	28.57	Not Applicable	3081
Lead	5	5	5.49	4673	2966
Minimum Disinfectant Residual	3	3	3.30	Not applicable	6982
Nitrate nitrogen	9	19	20.88	3585	1722
Nitrite nitrogen	3	4	4.40	1710	1854
Radium 226 & 228	1	1	1.10	178	395
Total Trihalomethanes	2	2	2.20	1895	2107
Turbidity TT	2	3	3.30	Not applicable	14282
Total:	70**	91	100%		34,975 **

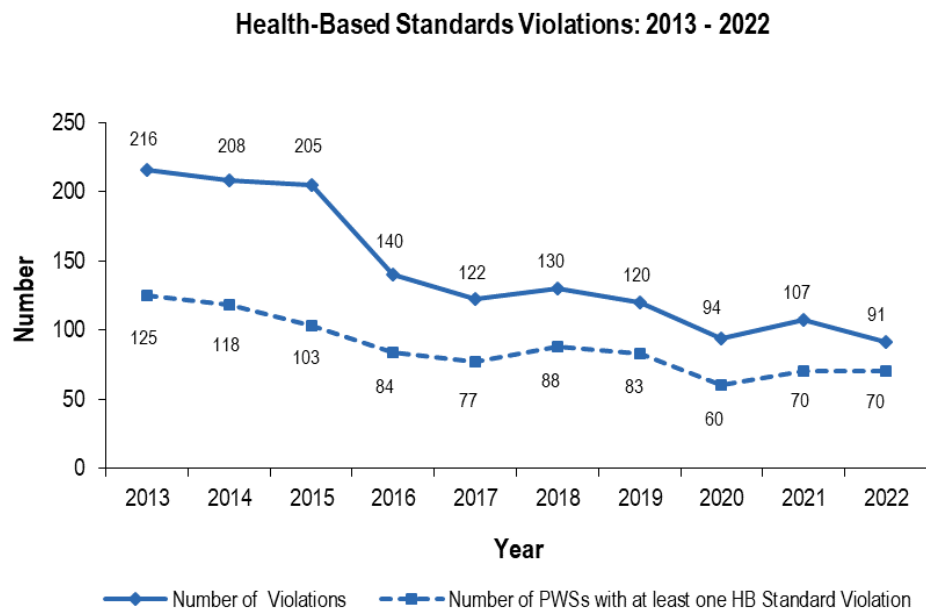
\*The population for a system with multiple violations in a single category was only included once in this total.

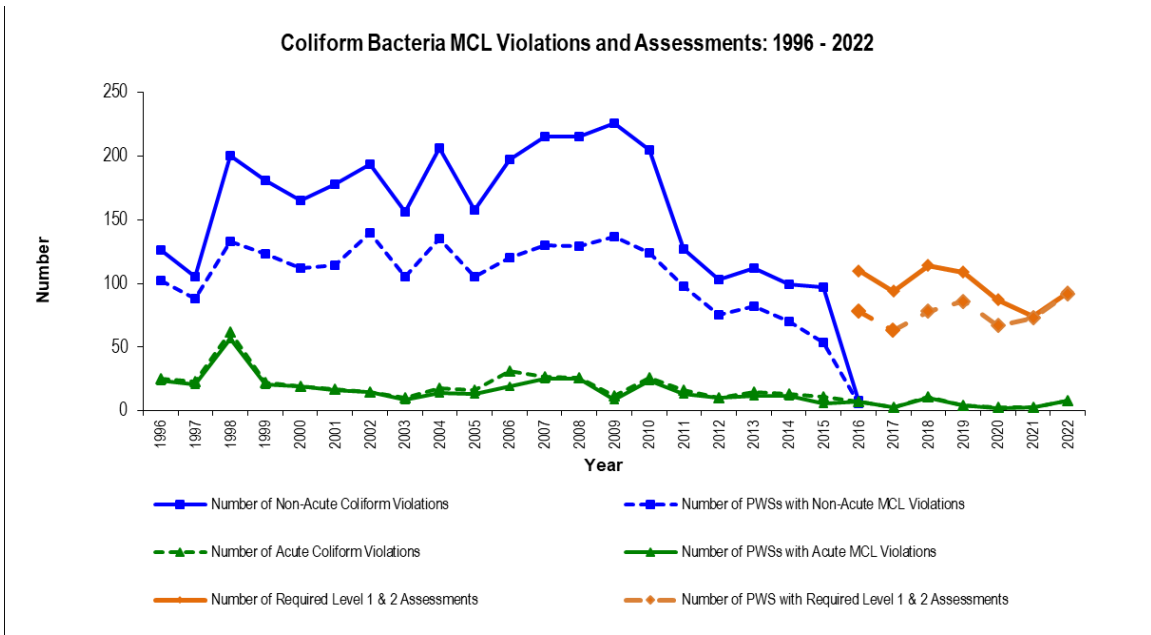
\*\*Each PWS is only included once in the total, even though they may have multiple violations. Likewise, the population of a system is only included once in the system population total, even though multiple violations may have occurred in a system.

The number of PWS systems in compliance with all health-based standards are same as last year, as shown in the following chart. The average compliance rate over the ten-year period is 95.3%.



This is the fifth full year that the Revised TCR (RTCR) was in effect, and there were two types of RTCR TT violations that resulted in 32 TT violations at 32 systems: 26 seasonal systems failed to complete their start-up procedures (including a bacteria-free compliance sample) before they opened to the public, and 6 systems failed to conduct the required Level 1 Assessment and incurred 6 TT violations. The Level 1 Assessment replaces the former TCR’s non-acute coliform bacteria MCL violation. However, if a system conducts the required Level 1 Assessment under the RTCR, there is no violation. It’s only the failure to conduct the Level 1 Assessment within the required timeframe that results in a TT violation.

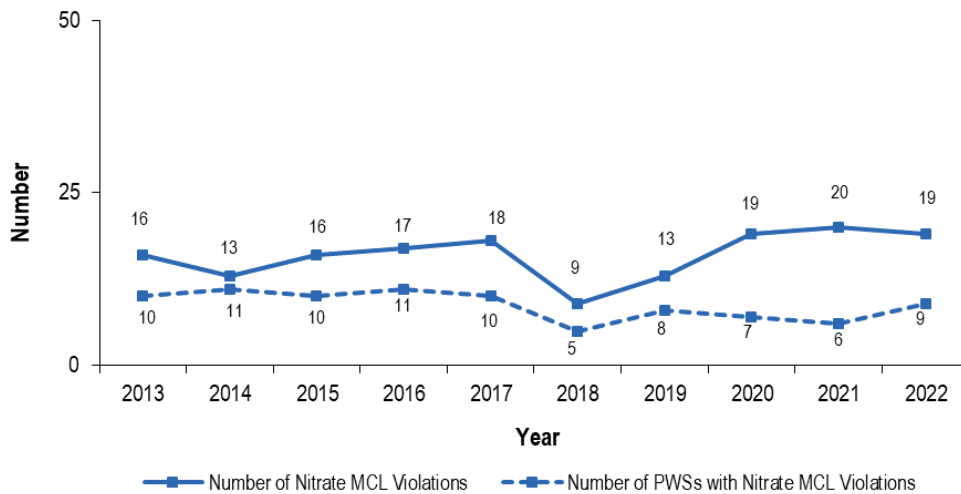




Effective April 1, 2016, the non-acute coliform bacteria MCL violation under the TCR was replaced under the RTCR with Level 1 and/or Level 2 Assessments, which are not violations. If the required Level 1 and 2 Assessments are included, the numbers are similar between the previous five years.

In 2022, the number of nitrate MCL violations decreased and number of systems with violations increased from 2021.

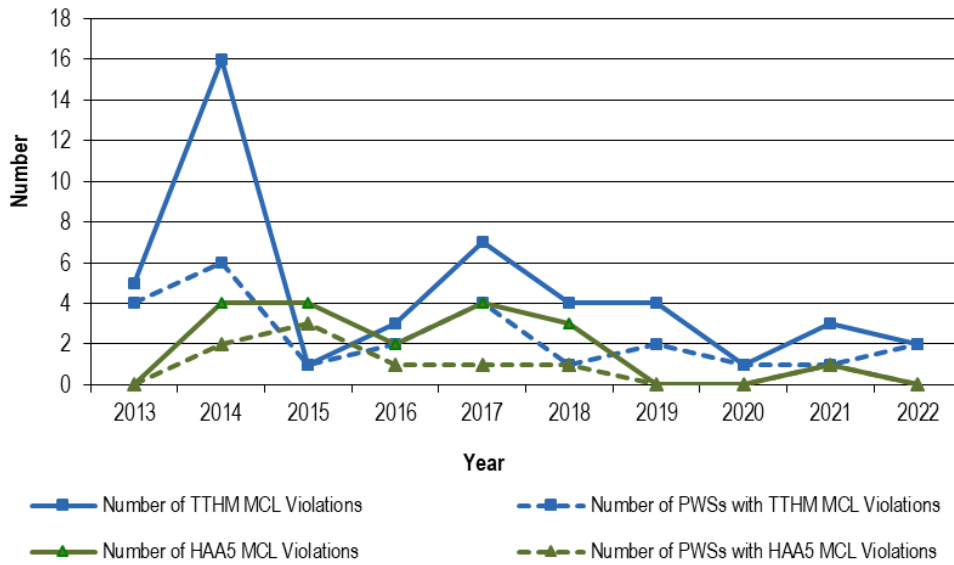
### Nitrate MCL Violations: 2013 - 2022



Under the federal Stage 1 Disinfectants/Disinfection Byproducts Rule (DBPR), large systems were required to start monitoring for disinfection byproducts in 2002, with medium and small systems starting in 2004. Usually a system monitors for a year before an MCL violation can occur, so the first violations began respectively in 2003 and 2005. After peaking in 2005, systems implemented various techniques to reduce the levels of disinfection byproducts formed in the distribution systems. In the last quarter of 2012, the Stage 2 DBPR compliance monitoring calculation changed for the largest system category from a system-wide running annual average to a locational running annual average. The remaining three categories of systems were phased into the new compliance calculation by the second quarter of 2014, and there were increased numbers of violations under the new compliance calculation method. In 2022, there were two systems that had one total trihalomethanes violation.

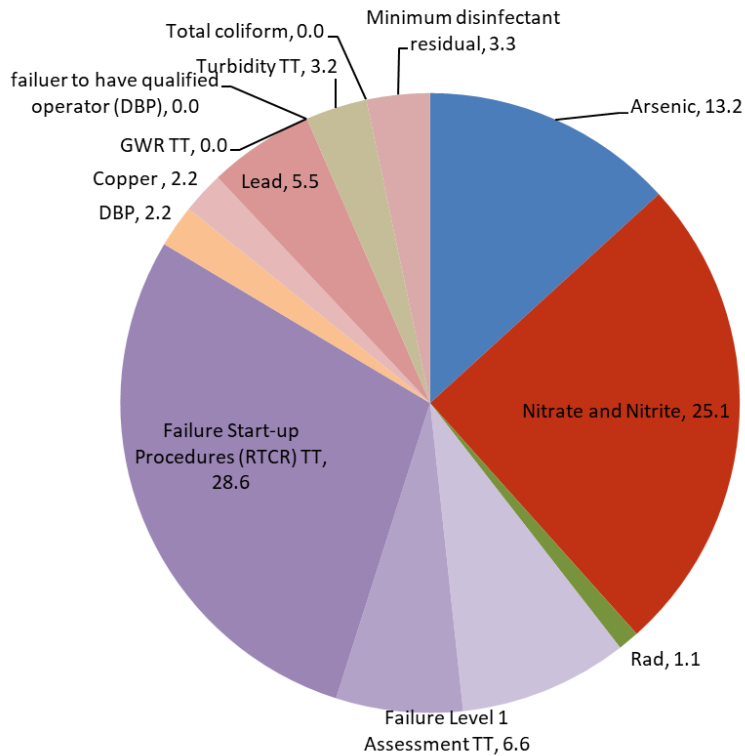


### Disinfection Byproduct MCL Violations: 2013 - 2022



Violations of the Revised Total Coliform Rule continue to be the largest proportion of health-based standard violations.

Composition of 2022 Iowa Health-Based Standards Violations, in %



## Major Monitoring & Reporting Violations

Monitoring and Reporting (M/R) violations for this report were based on the guidelines briefly described in the next table. EPA deems these violations to be classified as major violations. Minor monitoring violations are those in which at least some of the required monitoring was completed. They are not listed in this report. Systems are assigned the monitoring requirements for each contaminant in an operation permit that is issued at least every three years. The monitoring requirements vary by contaminant, from sampling every four hours (turbidity) to sampling once every nine years (inorganic chemicals). The specific requirements are listed in the Iowa Administrative Code (567) Chapters 41, 42, and 43.

### Monitoring Guidelines by Rule

Rule	Violation Type	Description
Revised Total Coliform Rule and Groundwater Rule	M/R, Routine Major	No samples collected during a compliance period
	M/R, Repeat Major	No follow-up samples collected after a positive sample. The Revised TCR (4/1/2016) eliminated repeat major violations.
Surface Water Treatment Rule, Interim Enhanced Surface Water Treatment Rule, Long-term 1 Enhanced Surface Water Treatment Rule	M/R, Routine Major	Collected less than 10% of samples required during a compliance period
Lead and Copper Rule	M/R Routine Tap	Failure to collect the required tap samples, failure to follow the sampling plan, or failure to submit the associated report.
Phase I, II, IIB, and V Rules (Inorganic and Organic chemicals)	Regular Monitoring	Failure to collect any required samples
Stage 1 & Stage 2 Disinfectants & Disinfection Byproducts Rules	M/R, Routine Major	Failure to collect any required samples
Radionuclides	M/R, Routine Major	Failure to collect any required samples

**Out of Compliance:** A violation is incurred when the PWS fails to collect samples, fails to use approved sampling locations, fails to have the samples analyzed, or fails to report the analytical results from the required samples in any one compliance period. One violation is issued for each analyte when samples are not collected, analyzed, and reported in accordance with the system’s operation permit.

**Compliance Achieved:** A system is returned to compliance when the samples are collected as required and the results are reported to the DNR.



**New filters waiting to be installed**

Over 2.87 million people received water served by Iowa’s systems that met the major monitoring and reporting requirements. Of the 1,838 regulated PWSs in Iowa, 80.6% (1,482 PWSs) were in compliance with all major monitoring and reporting requirements. There were 356 PWSs serving a total population of 180,891 that incurred 923 major monitoring and reporting violations in 2022. The DNR assigns violations by contaminant for each system, which can result in a single system incurring several monitoring violations.

Listed below are the contaminants with a major monitoring violation or a reporting violation in 2022. The majority of violations were for failure to collect coliform bacteria and nitrate samples, which are the two contaminants that are required to be sampled by all systems each year.

Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
<b>Monitoring</b>			
Ammonia Nitrogen	3	5	5186
Antimony	4	4	2788
Arsenic	4	4	2788
Barium	4	4	2788
Beryllium	4	4	2788
Cadmium	4	4	2788
Chlorite	1	1	1969
Chromium	4	4	2788
Copper	7	10	2031
Cyanide	4	4	2788
E. coli (GWR source)	24	28	5265
Fluoride	4	4	2788
Haloacetic Acids	24	24	43817
Lead	10	10	2031
Manganese	17	23	38473
Mercury	4	4	2788
Nitrate	66	92	20793
Nitrite	12	17	4058
PFOS	1	2	3130
Radium 226 & 228	3	4	207
Selenium	4	4	2788
Sodium	11	11	4550
Synthetic Organic Compounds	1	1	2042
Thallium	4	4	2788
Total Coliform Bacteria	166	272	38316
Total Organic Carbon	1	1	1969
Total Trihalomethanes	24	24	43817
Water Quality Parameters	1	1	727
Monitoring Total:	270*	570	152,010*
<b>Reporting</b>			
Nitrate operations report violation	1	1	229
Failure to conduct PN	116	228	27,564
Failure to consult with DNR (GWR)	1	1	291
Failure to have a certified operator	3	3	5,254
Failure to issue CCR	33	33	8,012
Failure to issue Lead Consumer Notice	18	19	4,573
Failure to obtain construction permit	1	1	45
Failure to submit a MOR or MRDL	37	63	10,836
TCR recordkeeping violation	4	4	1,680
Reporting Total:	170*	353	48,221*
Monitoring & Reporting Total:	356**	923	180891**

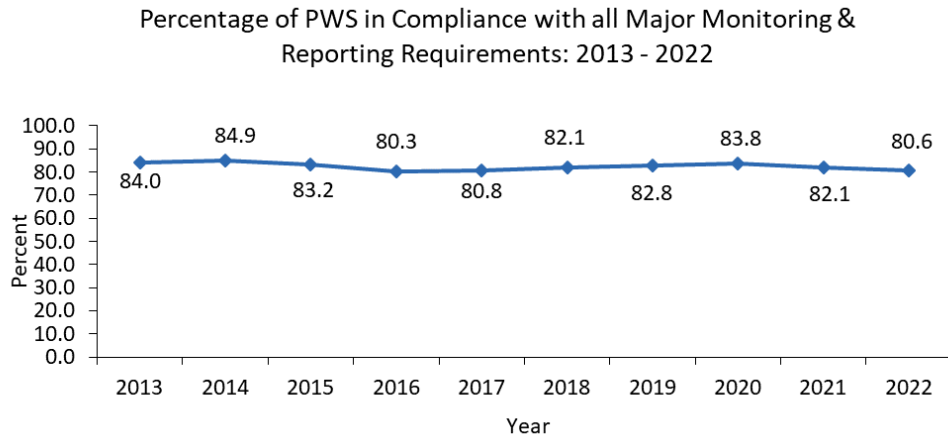
\*The population of each PWS is only counted once for each contaminant.

\*\*Each system with a violation is only included once in the number of systems total and the affected population total.

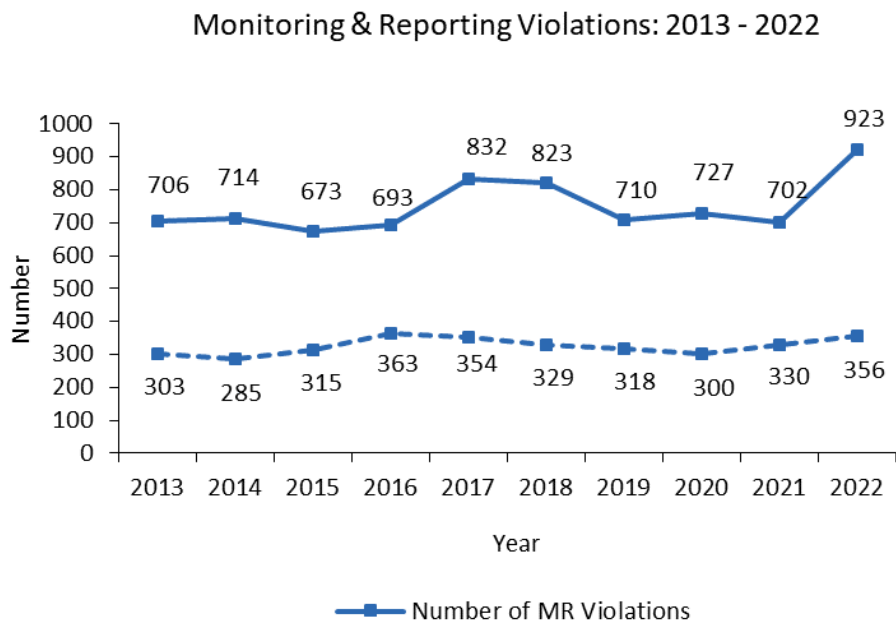
\*\*\*Includes nitrate operations report violation and lead 90<sup>th</sup> percentile violation

## Monitoring & Reporting Compliance Rates: 2013 - 2022

The percentage of PWS in compliance with all major monitoring and reporting requirements was 80.6% in 2022. The number of public water supplies in compliance with all major monitoring and reporting requirements averages 82.5% over the past ten years.



In 2022, the number of monitoring and reporting violations, and the number of systems with those violations slightly increased from 2021.



## Enforcement Actions

Any time a system incurs a violation, enforcement actions are taken. All systems are issued a notice of violation (NOV), which requires that the public be notified about the violation and any possible health effects. Operation permits are used to list the monitoring and reporting requirements, and also any compliance schedule that the system must meet in order to remedy a violation. The operation permit is termed a “bilateral compliance agreement” or BCA, because the system has a legal right to appeal the document for 30 days, after which time it is binding.

If a system is unable or unwilling to mitigate a violation, an administrative order (AO) is the next enforcement action. An AO may be issued with a monetary penalty or without a monetary penalty. The next level of escalation in enforcement

actions is to refer the system to the Iowa Attorney General for enforcement. A system may be referred to EPA for enforcement.

All violations remain “open” until the system satisfies the requirements to return it to compliance. In the case of a monitoring violation, returning to compliance may be as simple as collecting the sample that was missed and conducting public notification. In the case where a system has an ongoing health-based standard violation, the system may have to install treatment processes to be able to successfully remove the contaminant from the water. These types of situations can take many months to remedy, and the system is required to conduct public notification at intervals throughout the time period when it is not in compliance with the health standard.

The DNR tracks the corrective actions for all violations at all PWSs. All violations and corrective actions are reported to EPA. When the criteria for compliance are met, the specific violation is coded “Compliance Achieved”. Failure to achieve compliance in a timely manner may result in the issuance of an administrative order. These are the most commonly used enforcement actions:

- NOV issued: A notice of violation has been issued to the system by the department.
- PN requested: Public notification for the violation must be done by the system.
- PN received: Public notification has been done by the system and a copy has been received by the department.
- BCA issued: A bilateral compliance agreement between the system and the department has been issued.
- AO w/Penalty: An administrative order with a penalty has been issued by the department.
- AO w/o Penalty: An administrative order without a penalty has been issued by the department.
- AG Case Referred: The system has been referred to the Attorney General’s Office for enforcement action.
- EPA Consent Order: The system has an enforcement order with EPA.
- Compliance Achieved: The system is now in compliance and the specific violation is “closed”.



Most violations have a predefined set of enforcement actions, which include the following four actions at a minimum: notice of violation issued, public notification requested, public notification received, and compliance achieved. Once the PWS has successfully met the compliance achieved criteria, the system is returned to compliance in the department’s computerized tracking system.

## Variations and Exemptions

Iowa does not use the variance and exemption allowances from EPA.

## Public Notification, Lead Public Education, and Consumer Confidence Report-567 IAC Chapter 42

The SDWA requires a system to notify both the people who consume the system’s water and the department whenever the following violations occur:

- a Maximum Contaminant Level (MCL) has been exceeded,
- a Maximum Residual Disinfectant Level (MRDL) has been exceeded,
- a required Treatment Technique (TT) has not been achieved,
- the lead or copper Action Level (AL) is exceeded in at least 10 percent of the tap water samples,
- a groundwater sample tested positive for a fecal indicator organism after the triggering positive routine coliform bacteria sample was collected in the distribution system,
- a Compliance Schedule has not been met,
- an EPA Lifetime Health Advisory (HA) has been exceeded,
- a waterborne emergency has occurred,
- a certified operator has not been retained for CWS and NTNC systems, or
- other situations where the department determines that public notification is needed.



## MCL, MRDL, or Treatment Technique Violation

To comply with the MCL, MRDL, and TT public notification requirements, the PWS must:

- notify the department within 48 hours after the violation occurred (24 hours for acute violations);
- notify the consumers by the required public notification procedures; and
- provide proof of such public notice including a certification to the department.

## Monitoring or Reporting Violation

All PWSs must issue public notification for failure to:

- monitor and report the required data to the department;
- comply with established testing procedures; or
- meet the public notification requirements.



## Public Education for a Lead Action Level Exceedance

A PWS must notify the DNR and the population served by the PWS when the 90<sup>th</sup> percentile exceeds the action level for lead. This lead public education requires that mandatory language be provided to the consumers every twelve months as long as the action level is exceeded, in the following forms for community systems:

- newspaper announcement;
- pamphlets and brochures to doctors, clinics, schools, daycare facilities, etc.;
- attachments to customers' water bills;
- a notice printed directly on the water bill; and
- a public service announcement must be issued to television and radio for broadcasting.
- In addition to the annual notice, a public service announcement must be issued every six months to local television and radio broadcast outlets. Non-transient non-community systems have notification requirements that include posting at the facility plus additional requirements depending upon the composition of their population.



## Consumer Confidence Reports

All CWS must notify the public by July 1 of every year with information on the quality of the water delivered by the system in the previous calendar year, and to characterize the risks (if any) from exposure to contaminants in the drinking water. This report, called a Consumer Confidence Report (CCR) or a Water Quality Report, must be prepared by each CWS and made available to their public. The CCR must include the following information:

- source water information;
- definitions of terms used in the report;
- information on detected contaminants (if any were detected), including mandatory language and additional health information where applicable; and,
- whether the system is not in compliance with any other requirement, including monitoring, public notification, operation, administrative order, or operator certification.



Each CWS must mail or otherwise directly deliver one copy of the report to each customer.

Mailing waivers are issued to CWS having fewer than 10,000 persons, provided the system had no violations for the covered calendar year. A CWS serving fewer than 500 persons and having a mailing waiver is allowed to publicly post their CCR.

In 2022, 33 CWS failed to prepare and distribute their CCR for calendar year 2022. Each CWS received a reporting violation for this failure. The CCR compliance rate for Iowa's CWS in 2022 was 96.9%.

## Lead Consumer Notice

The CWS and NTNC systems are required to provide a Lead Consumer Notice to those consumers who occupy homes or buildings that are part of the system's lead & copper monitoring program. The Notice must be provided within 30 days of the system's receipt of the analytical results, and must include specific mandatory language as well as the analytical lead result from the water sample collected at that home or building.

## Health Effects

If a public notification or public education requirement is not met, the public health is placed at risk because the public is unaware of the potential health effects of the water being consumed. Children, pregnant women, the elderly, and persons with compromised immune systems are at the greatest risk from most contaminants.

## Public Notification or Public Education Violation

A system is in violation of the public notification or public education rules when it does not issue public notification specific to its violation and does not provide proof of notification to the DNR. A system is returned to compliance when it publishes the appropriate public notification or public education language within the required amount of time and provides the proof to the DNR.

## Operator Certification-567 IAC Chapter 81

All CWS and NTNC systems are required to have a certified operator in direct responsible charge of the water treatment and water distribution systems. The operators must be certified by the department at the same classification of the treatment plant or water distribution system at a minimum.

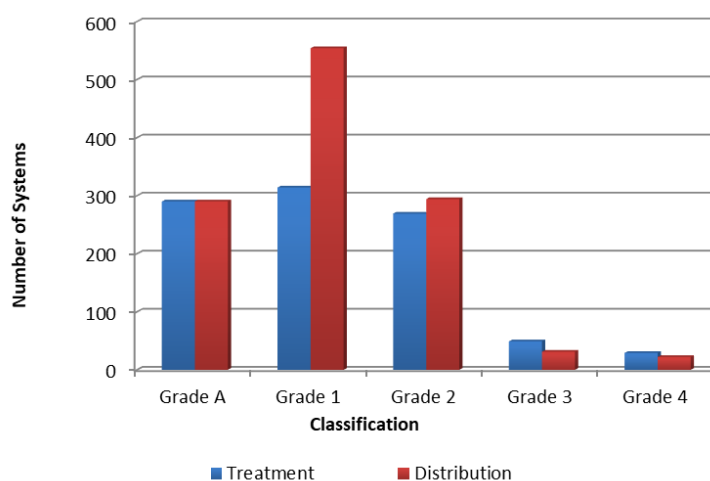
The Iowa Operator Certification Program reporting period for this report is July 1, 2022 through June 30, 2023. Data is as of 4/10/2023

## Classification of Systems and Facilities

Beginning in 2002, all CWS and NTNC were required to designate a certified operator in direct responsible charge of the water treatment and water distribution systems. The facilities are classified according to complexity, with Grade 4 being the most complex. Listed below are the Iowa CWS and NTNC systems in all classification levels, as of April 10, 2023. There 226 systems that have a distribution system but no treatment plant.

Classification	Treatment Facility	Distribution Facility
Grade A	287	287
Grade 1	312	553
Grade 2	269	294
Grade 3	64	31
Grade 4	29	22
Total	971	1,187

**Treatment and Distribution System Classification of Iowa's CWS & NTNC Systems**



## Classification Grades for Operator Certification

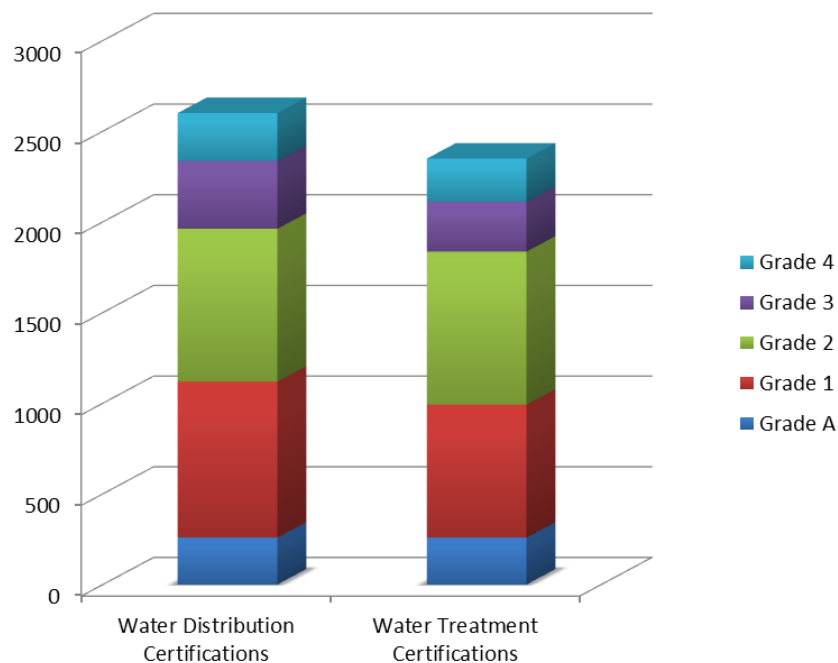
The Iowa Operator Certification program is predicated on three principles: Education, Experience, and Examination. A certified drinking water operator in Iowa must meet these requirements:

1. Meet the initial education and experience requirements and pay the examination fee,
2. Successfully pass the examination for the specific type of certification, and
3. Maintain the certification by successfully attaining the required continuing education hours or credits during each two-year certification period and paying the bi-annual certification fee.

The requirements are based upon the level of complexity of the various facility grades, with Grade A being the least complex and Grade 4 being the most complex.

Certification Grade	Number of certified Water Distribution Operators	Number of certified Water Treatment Operators
Grade A	264 (combined WT and WD)	
Grade 1	885	748
Grade 2	851	858
Grade 3	375	275
Grade 4	268	241

The following chart depicts the makeup of the two types of drinking water certifications. Note that Grade A is included in both certifications, since it is a combined water distribution and water treatment certification.



## Enforcement

Disciplinary actions were directed at three certified operators.

## Certification Renewal

Certifications are renewed every two years, with the most current renewal period ending on June 30, 2023. Continuing education requirements must be met by March 31, 2023, in order for the operator to renew. Operators holding Grade A, 1, or 2 certificates must earn ten, 10, contact hours of continuing education in the renewal period. Operators holding Grade 3 or 4 certificates must earn twenty, 20, contact hours





Well house with emergency generator

## Abbreviations

AG	Attorney General of Iowa
AL	action level
AOP	administrative order with penalty
AOWP	administrative order without penalty
BCA	bilateral compliance agreement
CCR	consumer confidence report
CT	contact time
Cu	chemical symbol for copper
CWS	community public water supply
DNR	Iowa Department of Natural Resources
EPA	U.S. Environmental Protection Agency
FDA	U.S. Food and Drug Administration
GW	Groundwater
GWR	Groundwater Rule
IGW	groundwater under the direct influence of surface water or influenced groundwater
HA	Health Advisory
HAA5	haloacetic acids (5)
HPC	heterotrophic plate count
IAC	Iowa Administrative Code
IOC	inorganic chemical
LSL	lead service line
MCL	maximum contaminant level
mg/L	milligrams per liter
MOR	monthly operation report
M/R	Monitoring and Reporting
MRDL	maximum residual disinfectant level

mrem/yr	millirems per year
NOV	Notice of Violation
NTNC	non-transient non-community public water supply
NTU	nephelometric turbidity units
Pb	chemical symbol for lead
pCi/L	picocuries per liter
PE	public education for Lead
PN	public notification
PWS	public water supply system
PWSS	Public Water System Supervision (EPA program)
Rn	chemical symbol for radon
RTCR	Revised Total Coliform Rule (replaced the TCR in April 2016)
SDWA	Safe Drinking Water Act
SDWIS/FED	Safe Drinking Water Information System/Federal (EPA's electronic database)
SOC	synthetic (nonvolatile) organic chemical
SW	surface water
SWTR	Surface Water Treatment Rule
TCR	Total Coliform Rule
TNC	transient non-community public water supply
TT	treatment technique
TTHM	total trihalomethanes
U	chemical symbol for uranium
V/E	variance or exemption
VOC	volatile organic chemical
WD	water distribution
WT	water treatment
WQP	water quality parameters

### Distribution of this Report

The Safe Drinking Water Act requires both summary and detailed reports from the State be accessible to the U.S. EPA and the public. The following options are utilized to make this report readily available to the public.

The DNR sends the detailed report to the EPA Headquarters ([water.compliance@epa.gov](mailto:water.compliance@epa.gov)) in Washington, DC, and the EPA Region 7 Office in Lenexa, KS.

The DNR also:

- includes the report on the DNR Internet website where it available for download: [www.iowadnr.gov/WS-Annual-Compliance-Report](http://www.iowadnr.gov/WS-Annual-Compliance-Report),
- publishes a notice of report availability in the Water Supply Listserv,
- archives the report in the State Library, and
- makes the report available for individuals and organizations upon request.

#### Staff Contact Information

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High service pumps



## Appendix A: EPA Violations Summary Report

The EPA Violations Summary Report listed in this appendix is a numerical total of the violations of each contaminant required under the SDWA and is a required report element. This report lists the number of violations of each contaminant categorized by both MCL/MRDL/TT Violations and major federal Monitoring & Reporting Violations. State violations, such as failure to obtain a construction permit, are not included in this summary report.

### Legend

Column (from left to right)	Description of Heading
1	The first column identifies the contaminant name
2	The second column identifies the MCL for that contaminant
3	The third column identifies the number of MCL violations for that contaminant
4	The fourth column identifies the number of PWSs with MCL violations for that contaminant
5	The fifth column identifies the number of TT violations
6	The sixth column identifies the number of PWSs with TT violations
7	The seventh column identifies the number of M/R violations for that contaminant
8	The eighth column identifies the number of PWSs with M/R violations for that contaminant



State: Iowa

Reporting Interval: January 1, 2022 through December 31, 2022

Organic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
1,1,1-Trichloroethane	0.2	0	0	0	0	0	0
1,1,2-Trichloroethane	0.005	0	0	0	0	0	0
1,1-Dichloroethylene	0.007	0	0	0	0	0	0
1,2,4-Trichlorobenzene	0.07	0	0	0	0	0	0
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	0	0	0
1,2-Dichloroethane	0.005	0	0	0	0	0	0
1,2-Dichloropropane	0.005	0	0	0	0	0	0
2,3,7,8-TCDD (Dioxin)	0.00000008	0	0	0	0	0	0
2,4,5-TP (Silvex)	0.05	0	0	0	0	0	0
2,4-D	0.07	0	0	0	0	0	0
Acrylamide		0	0	0	0	0	0
Alachlor (Lasso)	0.002	0	0	0	0	0	0
Atrazine	0.003	0	0	0	0	0	0
Benzene	0.005	0	0	0	0	0	0
Benzo[a]pyrene	0.0002	0	0	0	0	0	0
Carbofuran	0.04	0	0	0	0	0	0
Carbon tetrachloride	0.005	0	0	0	0	0	0
Chlordane	0.002	0	0	0	0	0	0
cis-1,2-Dichloroethylene	0.07	0	0	0	0	0	0
Dalapon	0.2	0	0	0	0	0	0
Di(2-ethylhexyl)adipate	0.4	0	0	0	0	0	0
Di(2-ethylhexyl)phthalate	0.006	0	0	0	0	1	1
Dichloromethane	0.005	0	0	0	0	0	0
Dinoseb	0.007	0	0	0	0	0	0
Diquat	0.02	0	0	0	0	0	0
Endothall	0.1	0	0	0	0	0	0
Endrin	0.002	0	0	0	0	0	0
Epichlorohydrin		0	0	0	0	0	0

Organic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Ethylbenzene	0.7	0	0	0	0	0	0
Ethylene dibromide	0.00005	0	0	0	0	0	0
Glyphosate	0.7	0	0	0	0	0	0
Heptachlor	0.0004	0	0	0	0	0	0
Heptachlor epoxide	0.0002	0	0	0	0	0	0
Hexachlorobenzene	0.001	0	0	0	0	0	0
Hexachlorocyclopentadiene	0.05	0	0	0	0	0	0
Lindane	0.0002	0	0	0	0	0	0
Methoxychlor	0.04	0	0	0	0	0	0
Monochlorobenzene	0.1	0	0	0	0	0	0
o-Dichlorobenzene	0.6	0	0	0	0	0	0
Oxamyl (Vydate)	0.2	0	0	0	0	0	0
para-Dichlorobenzene	0.075	0	0	0	0	0	0
Pentachlorophenol	0.001	0	0	0	0	0	0
Picloram	0.5	0	0	0	0	0	0
Simazine	0.004	0	0	0	0	0	0
Styrene	0.1	0	0	0	0	0	0
Tetrachloroethylene	0.005	0	0	0	0	0	0
Toluene	1	0	0	0	0	0	0
Total polychlorinated biphenyls	0.0005	0	0	0	0	0	0
Toxaphene	0.003	0	0	0	0	0	0
trans-1,2-Dichloroethylene	0.1	0	0	0	0	0	0
Trichloroethylene	0.005	0	0	0	0	0	0
Vinyl chloride	0.002	0	0	0	0	0	0
Xylenes (total)	10	0	0	0	0	0	0
						0	
Haloacetic acids	0.060	0	0	0	0	24	24
Total trihalomethanes	0.080	2	2	0	0	24	24

Inorganic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Violations
Antimony	0.006	0	0	0	0	4	4
Arsenic	0.010	12	7	0	0	4	4
Asbestos	7 million fibers/L (>10 µm in length)	0	0	0	0	0	0
Barium	2	0	0	0	0	4	4
Beryllium	0.004	0	0	0	0	4	4
Cadmium	0.005	0	0	0	0	4	4
Chromium	0.1	0	0	0	0	4	4
Cyanide (as free cyanide)	0.2	0	0	0	0	4	4
Fluoride	4.0	0	0	0	0	4	4
Mercury	0.002	0	0	0	0	4	4
Nitrate	10 (as Nitrogen)	19	9	0	0	MV:92 Reporting:1	MV:66 Reporting:1
Nitrite	1.0 (as Nitrogen)	4	3	0	0	17	12
Selenium	0.05	0	0	0	0	4	4
Sodium	not applicable	0	0	0	0	11	11
Thallium	0.002	0	0	0	0	4	4
Total nitrate and nitrite	10 (as Nitrogen)	NA	NA	NA	NA	NA	NA

Radionuclide Contaminants	MCL	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Gross alpha (excluding Rn & U)	15 pCi/L	0	0	0	0	0	0
Radium-226 and radium-228	5 pCi/L	1	1	0	0	4	3
Gross beta	4 mrem/year	0	0	0	0	0	0
Uranium	30 µg/L	0	0	0	0	0	0
Subtotal		38	22*	0	0	218	163*

\* Each system is only counted once in the subtotal category (i.e., 22 systems had 38 MCL violations and 163 systems had 218 monitoring/reporting violations. 5 Nitrogen Ammonia monitoring violation at 3 systems and 2 PFOS monitoring violations at 1 system and 23 Manganese Monitoring violations at 17 systems).

Microbial Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Acute Total Coliform Bacteria MCL violation (RTCR)	Presence	8	8	0	0	0	0
Failure to complete Start-Up Procedures (RTCR)		0	0	26	26	0	0
Failure to conduct Level 1 Assessment (RTCR)		0	0	6	6	0	0
Failure to correct Sanitary Defect (RTCR)		0	0	0	0	0	0
Major routine total coliform bacteria monitoring violation (RTCR)		0	0	0	0	272	166
Major source water monitoring for Fecal Indicator (GWR)-Ecoli		0	0	0	0	28	24
Sanitary survey violations (failure to address significant deficiency, failure to have certified operator, and failure to maintain disinfectant residuals)		0	0	0	0	Reporting:7	Reporting:7
Subtotal		8	8	32	32	307	197*

\*Each system is counted only once in the subtotal category, i.e., 32 systems had 32 treatment techniques violations.

Surface Water Treatment Rule, Interim Enhanced SWTR, LT1 ESWTR, & LT2 ESWTR*	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Filtered systems *		0	0	0	0	0	0
Monitoring, routine/repeat(WQP)		0	0	0	0	1	1
Treatment techniques(Turbidity)		0	0	3	2	0	0
Unfiltered systems *		0	0	0	0	0	0
Monitoring, routine/repeat		0	0	0	0	0	0
Failure to filter		0	0	0	0	0	0
Subtotal		0	0	0	0	0	0

\*All surface water and influenced groundwater systems in Iowa have filtration. Two systems had three turbidity TT violations.



Lead and Copper Rule	Action Level	Action Level Exceedance		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Action level exceedance	Lead: 0.015 mg/L Copper: 1.3 mg/L	Lead: 5 Copper: 2	Lead: 5 Copper: 2	0	0	0	0
Initial lead and copper tap M/R		0	0	0	0	0	0
Follow-up or routine lead and copper tap M/R		0	0	0	0	Cu: 10 Pb: 10	Cu: 7 Pb: 8
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	0	0
Lead consumer notice						19	18
Subtotal		7	7*	0	0	39	33*

\*Each system is only counted once in the subtotal category (i.e., 7 systems had 7 ALE violations and 33 systems had 39 monitoring/reporting violations).

Stage 1 & 2 DBPR (TTHM & HAA5 included under Organic Contaminants)	MRDL or MCL	MRDL or MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Chlorine or chloramines residual	4.0 mg/L	0	0	3	3	62 reporting	36 reporting
Chlorine dioxide	0.8 mg/L	0	0	0	0	0	0
Chlorite	1.0 mg/L	0	0	0	0	0	0
Bromate	0.010 mg/L	0	0	0	0	1	1
Total organic carbon (TOC)		0	0	0	0	1	1
Subtotal		0	0	3	3	64	38*

\*Each system is only counted once in the subtotal category (i.e., 3 systems had 3 chlorine residuals TT violations, 38 systems had 64 MOR reporting violations).

## Appendix B: Iowa Public Water Supply Violation Data

All public water supply systems that incurred one or more violations during 2021 are listed in the following appendix, including the most recent enforcement action. Systems that became “inactive” during the year because they no longer met the definition of a public water supply are denoted in boldface print on the table.

### Legend

Item	Description
PWS Name	Business name of the Public Water System
Minimum Population Served	Population that could use the water, as reported to DNR by the PWS. For municipal systems, it is the most recent official census.
County	County location of PWS
PWSID Number	Public Water System Identification number, a unique and dedicated number permanently assigned to each PWS
PWS Type	Classification type of PWS: community public water system (CWS), non-transient non-community system (NTNC), or transient non-community system (TNC)
Violation Number	A unique, dedicated identification number assigned to each violation as it occurs.
Analyte	The analyte that triggered the violation.
Compliance Period End Date	Date at the end of the compliance period in which the violation occurred.
Violation	The EPA-assigned text description of the violation.
Violation Type	The alphabetic code description of the violation.
Enforcement Action	Most recent action taken by the PWS or the DNR in response to the violation. The final action for any violation is “Compliance Achieved,” meaning the system is now in compliance.
Enforcement Action Date	Date the follow-up action or enforcement action occurred



## Iowa Public Water Supply System Violations in 2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Ackley Creek Park	30	Floyd	IA3420499	TNC	202202176	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/12/2022
Adel Municipal Water Works	6153	Dallas	IA2503003	CWS	202201818	Manganese	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/13/2022
Aeroplane Inn	25	Pottawattamie	IA7836201	TNC	202201244	Failure to conduct Public Notice	23-Apr-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/23/2023
Aeroplane Inn	25	Pottawattamie	IA7836201	TNC	202202203	Failure to conduct Public Notice	13-Aug-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/23/2023
Ag Processing - Refinery	50	Woodbury	IA9774003	NTNC	202300776	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/22/2023
Agri Star Meat And Poultry Llc	550	Allamakee	IA0375180	NTNC	202200875	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/16/2022
Agri Star Meat And Poultry Llc	550	Allamakee	IA0375180	NTNC	202202131	Total Trihalomethanes (TTHM)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/21/2022
Agri Star Meat And Poultry Llc	550	Allamakee	IA0375180	NTNC	202202132	Total Haloacetic Acids (HAA5)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/21/2022
Alburnett Water Supply	675	Linn	IA5704012	CWS	202300104	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/15/2022
Alburnett Water Supply	675	Linn	IA5704012	CWS	202300105	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/15/2022
Alburnett Water Supply	675	Linn	IA5704012	CWS	202300106	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/15/2022
Alexander Water Dept	164	Franklin	IA3503014	CWS	202300094	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/10/2022
Algona Country Club	47	Kossuth	IA5502832	TNC	202200812	Failure to conduct Public Notice	23-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/11/2022
Alluvial Brewing Company	100	Story	IA8500301	TNC	202201970	Failure to conduct Level 1 Assessment	31-Aug-22	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	10/18/2022
Altoona Water Supply	19565	Polk	IA7707030	CWS	202201885	Manganese	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/13/2022
Altoona Water Supply	19565	Polk	IA7707030	CWS	202201887	Manganese	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/13/2022
Altoona Water Supply	19565	Polk	IA7707030	CWS	202201888	Manganese	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/13/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202200981	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/27/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202201150	Nitrate (as N)	30-Apr-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/23/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202201550	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202201551	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/5/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202201802	Nitrate (as N)	31-Jul-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202201940	Failure to conduct Public Notice	24-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/16/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202202189	Failure to conduct Public Notice	23-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202300251	Failure to conduct Level 1 Assessment	31-Oct-22	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	NOV Issued	12/21/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202300311	Nitrate (as N)	31-Oct-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/1/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202300426	Failure to conduct Public Notice	24-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202300427	Failure to conduct Public Notice	24-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202300525	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/3/2023
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202300559	E. coli	05-Nov-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	12/20/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202300563	Failure to conduct Public Notice	21-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2022
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202300637	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/3/2023
Anchor Inn (Garber)	35	Clayton	IA2232776	TNC	202300638	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/3/2023
Apostolic Christian Church	200	Kossuth	IA7470816	TNC	202201065	Nitrate (as N)	30-Jun-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/3/2022
Ashton Municipal Water Department	436	Osceola	IA7209069	CWS	202201357	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/22/2022
Aunt Dharma'S Sandbar On The Wapsi Llc	27	Linn	IA5786890	TNC	202201604	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/5/2022
Aunt Dharma'S Sandbar On The Wapsi Llc	27	Linn	IA5786890	TNC	202300544	Nitrate (as N)	30-Nov-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/27/2022
Barnes City Water Supply	156	Poweshiek	IA7905088	CWS	202200686	Failure to issue Lead Consumer Notice	27-Jan-22	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/5/2022
Barnes City Water Supply	156	Poweshiek	IA7905088	CWS	202300547	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/23/2023
Barneys Bar And Grill	35	Winneshiek	IA9609774	TNC	202201429	Failure to conduct Level 1 Assessment	30-Jun-22	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	Compliance Achieved	11/15/2022
Barneys Bar And Grill	35	Winneshiek	IA9609774	TNC	202201796	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	8/30/2022
Barneys Bar And Grill	35	Winneshiek	IA9609774	TNC	202201933	E. coli	03-Jul-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/30/2022
Bayard Water Supply	405	Guthrie	IA3907092	CWS	202201163	Sodium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/5/2022
Beach Girls Bar	155	Dallas	IA2509202	TNC	202201247	Failure to conduct Public Notice	27-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/14/2022
Bell Harbor	352	Cerro Gordo	IA1716418	TNC	202300308	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2022
Big Creek Bluffs	80	Linn	IA5784309	CWS	202201113	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	6/13/2022
Big Creek Bluffs	80	Linn	IA5784309	CWS	202201952	Failure to conduct Public Notice	13-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
Big Creek Bluffs	80	Linn	IA5784309	CWS	202202010	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Big Creek Bluffs	80	Linn	IA5784309	CWS	202300440	Failure to conduct Public Notice	12-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Big Rock Country Club	52	Fayette	IA3342890	TNC	202201345	Nitrate (as N)	31-May-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/13/2022
Big Rock Country Club	52	Fayette	IA3342890	TNC	202201346	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/13/2022
Black Squirrel Tap	25	Johnson	IA5285203	TNC	202200798	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/31/2022
Black Squirrel Tap	25	Johnson	IA5285203	TNC	202200893	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/31/2022
Black Squirrel Tap	25	Johnson	IA5285203	TNC	202201243	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/27/2022
Black Squirrel Tap	25	Johnson	IA5285203	TNC	202201408	Failure to conduct Public Notice	21-May-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/27/2022
Black Squirrel Tap	25	Johnson	IA5285203	TNC	202201688	Failure to conduct Public Notice	21-Jun-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/27/2022
Black Squirrel Tap	25	Johnson	IA5285203	TNC	202201905	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/26/2022
Black Squirrel Tap	25	Johnson	IA5285203	TNC	202202170	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/26/2022
Black Squirrel Tap	25	Johnson	IA5285203	TNC	202300156	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/26/2022
Blairs Ferry Manor	75	Linn	IA5784316	CWS	202201119	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	6/13/2022
Blairs Ferry Manor	75	Linn	IA5784316	CWS	202201957	Failure to conduct Public Notice	13-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Blairs Ferry Manor	75	Linn	IA5784316	CWS	202202020	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Blairs Ferry Manor	75	Linn	IA5784316	CWS	202300120	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Blairs Ferry Manor	75	Linn	IA5784316	CWS	202300121	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2022
Blairs Ferry Manor	75	Linn	IA5784316	CWS	202300122	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Blairs Ferry Manor	75	Linn	IA5784316	CWS	202300445	Failure to conduct Public Notice	12-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Bluebird Hill	150	Cass	IA1509201	TNC	202300722	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2023
Bluffton Store	60	Winneshiek	IA9630773	TNC	202200817	Failure to conduct Public Notice	23-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/2/2022
Bluffton Store	60	Winneshiek	IA9630773	TNC	202300149	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/31/2022
Bluffton Store	60	Winneshiek	IA9630773	TNC	202300688	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/30/2023
Bodensteiner Impl (Ls)	43	Howard	IA4535201	TNC	202202183	E. coli	01-Aug-22	Monitoring (GWR) TG and AD, Major	MON	No EPA Enforcement Action	
Bodensteiner Implement Inc (Nh)	60	Chickasaw	IA1970206	TNC	202201024	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/28/2022

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Bodensteiner Implement Inc (Nh)	60	Chickasaw	IA1970206	TNC	202201653	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/28/2022
Bodensteiner Implement Inc (Nh)	60	Chickasaw	IA1970206	TNC	202202178	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2022
Boone Water Works	12460	Boone	IA0819033	CWS	202202042	Turbidity	30-Aug-22	Single Comb Filter Effluent (SWTR)	TT	Compliance Achieved	9/7/2022
Bradford House	50	Chickasaw	IA1967222	TNC	202200756	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/17/2022
Bradford House	50	Chickasaw	IA1967222	TNC	202200806	Failure to conduct Public Notice	23-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/17/2022
Bradford House	50	Chickasaw	IA1967222	TNC	202200876	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/17/2022
Bradford House	50	Chickasaw	IA1967222	TNC	202201331	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2022
Bradford House	50	Chickasaw	IA1967222	TNC	202201394	Failure to conduct Public Notice	20-May-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/1/2022
Brighton Municipal Water Supply	600	Washington	IA9209043	CWS	202300144	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Brighton Municipal Water Supply	600	Washington	IA9209043	CWS	202300145	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Brighton Municipal Water Supply	600	Washington	IA9209043	CWS	202300146	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/20/2022
Brighton Municipal Water Supply	600	Washington	IA9209043	CWS	202300378	Nitrogen-Ammonia (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/17/2022
Brighton Municipal Water Supply	600	Washington	IA9209043	CWS	202300379	Nitrogen-Ammonia (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/17/2022
Buffalo Run Golf Club	51	Cerro Gordo	IA3423801	TNC	202201201	Coliform bacteria	30-Apr-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2022
Buffalo Run Golf Club	51	Cerro Gordo	IA3423801	TNC	202201202	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/26/2022
Buffalo Run Golf Club	51	Cerro Gordo	IA3423801	TNC	202201375	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2022
Buffalo Run Golf Club	51	Cerro Gordo	IA3423801	TNC	202201634	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2022
Buffalo Run Golf Club	51	Cerro Gordo	IA3423801	TNC	202201635	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/18/2022
Buffalo Run Golf Club	51	Cerro Gordo	IA3423801	TNC	202201686	Failure to conduct Public Notice	23-Jun-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/18/2022
Buffalo Run Golf Club	51	Cerro Gordo	IA3423801	TNC	202201902	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2022
Buffalo Run Golf Club	51	Cerro Gordo	IA3423801	TNC	202202201	Failure to conduct Public Notice	24-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2022
Buffalo Run Golf Club	51	Cerro Gordo	IA3423801	TNC	202300450	Failure to conduct Public Notice	23-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/30/2022
Bulgers Hollow Recreation Area	77	Clinton	IA4929901	TNC	202201589	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/6/2022
Calkins Nature Center	27	Hardin	IA4260401	TNC	202300708	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/6/2023
Camp Granada	76	Dubuque	IA3100605	NTNC	202300085	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022

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Camp Granada	76	Dubuque	IA3100605	NTNC	202300086	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Camp Ingawanis-Maple And Ranger Well	402	Bremer	IA0990401	TNC	202300068	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2022
Camp Ingawanis-Ranger Well	150	Bremer	IA0990402	TNC	202202129	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	9/27/2022
Camp Ingawanis-Ranger Well	150	Bremer	IA0990402	TNC	202300069	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2022
Camp Shalom	120	Jackson	IA4950401	TNC	202201647	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2022
Camp Shalom	120	Jackson	IA4950401	TNC	202201648	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2022
Camp Shalom	120	Jackson	IA4950401	TNC	202201649	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2022
Camp Shalom	120	Jackson	IA4950401	TNC	202201650	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/13/2022
Camp Shalom	120	Jackson	IA4950401	TNC	202201992	Failure to complete Start-Up Procedures	31-May-22	Start-Up Procedures TT (RTCR)	TT	NOV Issued	8/18/2022
Camp Shalom	120	Jackson	IA4950401	TNC	202300454	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Camp Shalom	120	Jackson	IA4950401	TNC	202300455	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Camp Shalom	120	Jackson	IA4950401	TNC	202300456	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Camp Shalom	120	Jackson	IA4950401	TNC	202300457	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Camp Tanager	150	Linn	IA5715401	TNC	202201601	Failure to complete Start-Up Procedures	30-Jun-22	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/21/2022
Camp Tanager	150	Linn	IA5715401	TNC	202202197	Failure to conduct Public Notice	24-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2022
Camp Tanager	150	Linn	IA5715401	TNC	202300420	E. coli	10-Oct-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	11/16/2022
Carlisle Water Supply	4160	Warren	IA9113071	CWS	202201959	Failure to conduct Public Notice	24-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/20/2023
Carson Water Supply	766	Pottawattamie	IA7809078	CWS	202300830	Manganese	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/23/2023
Carter Lake Water District	3791	Pottawattamie	IA7812079	CWS	202201405	Failure to conduct Public Notice	22-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/14/2022
Carter Lake Water District	3791	Pottawattamie	IA7812079	CWS	202201406	Failure to conduct Public Notice	22-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/14/2022
Carter Lake Water District	3791	Pottawattamie	IA7812079	CWS	202201889	Total Trihalomethanes (TTHM)	30-Jun-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	9/21/2022
Carter Lake Water District	3791	Pottawattamie	IA7812079	CWS	202201890	Total Haloacetic Acids (HAA5)	30-Jun-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	9/21/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202200799	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/1/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202200819	Failure to conduct Public Notice	24-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/8/2022

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Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202201287	Chlorine	31-Mar-22	Operations Report	RPT	Compliance Achieved	12/2/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202201415	Chlorine	31-May-22	Operations Report	RPT	Compliance Achieved	12/2/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202201502	Chlorine	30-Jun-22	Operations Report	RPT	Compliance Achieved	12/2/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202201639	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/8/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202201910	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/8/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202202007	Chlorine	11-Aug-22	Operations Report	RPT	Compliance Achieved	11/8/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202300026	Coliform (TCR)	31-Oct-22	Operations Report	RPT	Compliance Achieved	12/2/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202300452	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202300582	Failure to conduct Public Notice	22-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/28/2022
Caseys General Store (Anamosa)	1215	Jones	IA5322201	TNC	202300696	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/3/2023
Caseys Store (Nichols) #2472	603	Muscatine	IA7052205	TNC	202200820	Failure to conduct Public Notice	24-Jan-22	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202200813	Failure to conduct Public Notice	23-Jan-22	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202200814	Failure to conduct Public Notice	23-Jan-22	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202200847	Chlorine	31-Jan-22	Operations Report	RPT	Compliance Achieved	3/9/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202200883	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/31/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202200899	Failure to conduct Public Notice	20-Feb-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/22/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202201042	Failure to conduct Public Notice	17-Mar-22	Public Notice Rule Linked to Violation	PN	NOV Issued	4/20/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202201112	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	8/7/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202201402	Failure to conduct Public Notice	25-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	6/20/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202201683	Failure to conduct Public Notice	26-Jun-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202201684	Failure to conduct Public Notice	15-Jun-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202201832	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202201949	Failure to conduct Public Notice	21-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202202198	Failure to conduct Public Notice	17-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202300211	Failure to conduct Public Notice	16-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/20/2022



Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202300229	Chlorine	30-Sep-22	Operations Report	RPT	Compliance Achieved	10/13/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202300362	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/16/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202300437	Failure to conduct Public Notice	15-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202300541	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/20/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202300572	Failure to conduct Public Notice	21-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202300573	Failure to conduct Public Notice	18-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202300574	Failure to conduct Public Notice	14-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2022
Ced Rel Supper Club And Motel	103	Linn	IA5715744	TNC	202300668	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/19/2023
Cedar Ridge Golf Course	316	Floyd	IA3405895	TNC	202300646	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/30/2023
Cedar Ridge Vineyards	470	Johnson	IA5285210	TNC	202300715	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/9/2023
Cedar River Campground	33	Cedar	IA1689411	TNC	202201229	Failure to conduct Public Notice	20-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Cedar River Harley Davidson	33	Floyd	IA3405202	TNC	202300716	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/12/2023
Cedar Valley Arboretum & Botanical Grdns	56	Black Hawk	IA0790202	TNC	202300713	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/26/2023
Cedar Valley Kitchen	42	Howard	IA4525202	TNC	202300707	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/14/2023
Charles City Water Supply	7396	Floyd	IA3405012	CWS	202300092	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Charles City Water Supply	7396	Floyd	IA3405012	CWS	202300093	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Chase Mobile Home Park	85	Hardin	IA4260602	CWS	202300770	Chlorine	31-Dec-22	Record Keeping	RPT	Compliance Achieved	1/4/2023
Chelsea Water Supply	229	Tama	IA8609019	CWS	202201239	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/14/2022
Cherry Hills Subdivision	59	Johnson	IA5225305	CWS	202200993	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/26/2022
Chestnut Ridge	33	Linn	IA5784312	CWS	202201118	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	6/13/2022
Chestnut Ridge	33	Linn	IA5784312	CWS	202201954	Failure to conduct Public Notice	13-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
Chestnut Ridge	33	Linn	IA5784312	CWS	202202017	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Chestnut Ridge	33	Linn	IA5784312	CWS	202300228	Chlorine	31-Jul-22	Operations Report	RPT	NOV Issued	8/17/2022
Chestnut Ridge	33	Linn	IA5784312	CWS	202300442	Failure to conduct Public Notice	12-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Chestnut Ridge	33	Linn	IA5784312	CWS	202300575	Failure to conduct Public Notice	18-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Christian Conference Center	146	Jasper	IA5059401	TNC	202300155	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/19/2022
Church Of Jesus Christ Of Lds (Atlantic)	80	Cass	IA1509801	TNC	202201215	Coliform bacteria	30-Apr-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/12/2022
Church Of Jesus Christ Of Lds (Atlantic)	80	Cass	IA1509801	TNC	202201388	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/12/2022
Church Of Jesus Christ Of Lds (Atlantic)	80	Cass	IA1509801	TNC	202201655	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/12/2022
Church Of Jesus Christ Of Lds (Atlantic)	80	Cass	IA1509801	TNC	202202205	Failure to conduct Public Notice	23-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/5/2022
Church Of Jesus Christ Of Lds (Atlantic)	80	Cass	IA1509801	TNC	202300168	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/20/2022
Church Of Jesus Christ Of Lds (Atlantic)	80	Cass	IA1509801	TNC	202300556	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2022
Church Of Jesus Christ Of Lds (Atlantic)	80	Cass	IA1509801	TNC	202300585	Failure to conduct Public Notice	07-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/6/2023
Church Of Jesus Christ Of Lds (Atlantic)	80	Cass	IA1509801	TNC	202300585	Failure to conduct Public Notice	07-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/6/2023
Clarmond Country Club	35	Wright	IA9905872	TNC	202300387	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/30/2023
Cliffs Place Inc	51	Bremer	IA0929200	TNC	202201672	Failure to conduct Public Notice	01-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Club 76 Inc	53	Johnson	IA5252719	TNC	202200780	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/5/2022
Club 76 Inc	53	Johnson	IA5252719	TNC	202201237	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Club 76 Inc	53	Johnson	IA5252719	TNC	202201348	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/16/2022
Club 76 Inc	53	Johnson	IA5252719	TNC	202201400	Failure to conduct Public Notice	21-May-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/2/2022
Club 76 Inc	53	Johnson	IA5252719	TNC	202201931	E. coli	30-Jul-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/7/2022
Club 76 Inc	53	Johnson	IA5252719	TNC	202300207	Failure to conduct Public Notice	20-Sep-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/2/2022
Columbus City Public Water Supply	392	Louisa	IA5809063	CWS	202200884	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/8/2022
Community Country Store	49	Johnson	IA5221207	TNC	202200800	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/24/2022
Community Country Store	49	Johnson	IA5221207	TNC	202201248	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Community Country Store	49	Johnson	IA5221207	TNC	202300401	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2022
Coralville Lake-Ad Bldg	275	Johnson	IA5225413	TNC	202200810	Failure to conduct Public Notice	24-Jan-22	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2022
Coralville Lake-Ad Bldg	275	Johnson	IA5225413	TNC	202200880	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/25/2022
Coralville Lake-Ad Bldg	275	Johnson	IA5225413	TNC	202201165	Coliform bacteria	30-Apr-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2022
Coralville Lake-Ad Bldg	275	Johnson	IA5225413	TNC	202201236	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Coralville Lake-Ad Bldg	275	Johnson	IA5225413	TNC	202201829	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/10/2022
Coralville Lake-Ad Bldg	275	Johnson	IA5225413	TNC	202300356	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/17/2022
Coralville Lake-Sandy Beach	147	Johnson	IA5225499	TNC	202202043	Chlorine	30-Jun-22	Operations Report	RPT	Compliance Achieved	6/22/2022
Coralville Lake-Sugar Bottom	689	Johnson	IA5225498	TNC	202202048	Chlorine	30-Jun-22	Operations Report	RPT	NOV Issued	8/19/2022
Coralville Lake-West Overlook	861	Johnson	IA5225411	TNC	202201399	Failure to conduct Public Notice	20-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Coralville Lake-West Overlook	861	Johnson	IA5225411	TNC	202202046	Chlorine	30-Jun-22	Operations Report	RPT	Compliance Achieved	10/9/2022
Coralville Lake-West Overlook	861	Johnson	IA5225411	TNC	202300355	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2023
Corporation Of New Melleray	90	Dubuque	IA3100899	CWS	202201559	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/5/2022
Corporation Of New Melleray	90	Dubuque	IA3100899	CWS	202300431	Failure to conduct Public Notice	01-Nov-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/5/2022
Corridor Ridge Subdivision	108	Johnson	IA5280303	CWS	202200681	Arsenic	31-Mar-22	MCL (Chem-Rad), Average	MCL	BCA Signed	11/8/2021
Corridor Ridge Subdivision	108	Johnson	IA5280303	CWS	202300397	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/29/2022
Country Celebrations Event Center	200	Plymouth	IA7528201	TNC	202300159	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/20/2022
Country Estates Mhp	150	Scott	IA8200601	CWS	202202161	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/11/2022
Country Manor Estates	228	Linn	IA5784307	CWS	202201120	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	6/13/2022
Country Manor Estates	228	Linn	IA5784307	CWS	202201403	Failure to conduct Public Notice	22-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	6/20/2022
Country Manor Estates	228	Linn	IA5784307	CWS	202201951	Failure to conduct Public Notice	13-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
Country Manor Estates	228	Linn	IA5784307	CWS	202202009	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Country Manor Estates	228	Linn	IA5784307	CWS	202300111	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Country Manor Estates	228	Linn	IA5784307	CWS	202300112	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Country Manor Estates	228	Linn	IA5784307	CWS	202300439	Failure to conduct Public Notice	12-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Country Manor Estates	228	Linn	IA5784307	CWS	202300788	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/3/2023
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300338	Beryllium	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300339	Cyanide	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300340	Antimony	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022

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Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300341	Arsenic	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300342	Barium	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300343	Cadmium	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300344	Chromium	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300345	Fluoride	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300346	Mercury	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300347	Selenium	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300348	Thallium	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300349	Sodium	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2022
Country Winds Manor Inc-Residential Care	86	Howard	IA4500901	CWS	202300350	Radium, Combined (226, 228)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/17/2022
Craig Water Works	79	Plymouth	IA7521084	CWS	202201984	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	1/10/2023
Craig Water Works	79	Plymouth	IA7521084	CWS	202300447	Failure to conduct Public Notice	23-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/16/2022
Crawford Creek Park	250	Ida	IA4728957	TNC	202201825	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/4/2022
Crawford Creek Park	250	Ida	IA4728957	TNC	202300815	Manganese	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2023
Crestwood Acres	50	Linn	IA5784314	CWS	202201115	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	6/13/2022
Crestwood Acres	50	Linn	IA5784314	CWS	202201956	Failure to conduct Public Notice	13-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
Crestwood Acres	50	Linn	IA5784314	CWS	202202019	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Crestwood Acres	50	Linn	IA5784314	CWS	202300444	Failure to conduct Public Notice	12-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Crooked Creek Christian Camp	43	Washington	IA9271801	TNC	202201222	E. coli	17-Apr-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/29/2022
Crooked Creek Christian Camp	43	Washington	IA9271801	TNC	202201319	Coliform bacteria	31-May-22	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	8/29/2022
Crystal Lake Water Supply	253	Hancock	IA4115092	CWS	202300289	Nitrite (as N)	31-Dec-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/15/2022
Dairy Mart	62	Washington	IA9203763	TNC	202201198	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	6/30/2022
Daybreak Foods Eagle Grove Complex	210	Wright	IA9926801	NTNC	202201265	Chlorine	31-Mar-22	Operations Report	RPT	Compliance Achieved	8/30/2022
Daybreak Foods Eagle Grove Complex	210	Wright	IA9926801	NTNC	202201646	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/25/2022

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Daybreak Foods Eagle Grove Complex	210	Wright	IA9926801	NTNC	202300036	Chlorine	31-Jul-22	Operations Report	RPT	Compliance Achieved	8/30/2022
Daybreak Foods Eagle Grove Complex	210	Wright	IA9926801	NTNC	202300164	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/22/2022
Daybreak Foods Eagle Grove Complex	210	Wright	IA9926801	NTNC	202300554	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/14/2022
Daybreak Foods Inc	65	Palo Alto	IA7445101	NTNC	202201514	Lead	30-Sep-22	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	7/14/2022
Daybreak Foods Vincent Complex	60	Wright	IA9926802	NTNC	202201266	Chlorine	31-Mar-22	Operations Report	RPT	Compliance Achieved	8/30/2022
Daybreak Foods Vincent Complex	60	Wright	IA9926802	NTNC	202201651	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/25/2022
Daybreak Foods Vincent Complex	60	Wright	IA9926802	NTNC	202300037	Chlorine	31-Jul-22	Operations Report	RPT	Compliance Achieved	8/30/2022
Daybreak Foods Vincent Complex	60	Wright	IA9926802	NTNC	202300165	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	BCA Signed	10/27/2022
Daybreak Foods Vincent Complex	60	Wright	IA9926802	NTNC	202300166	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	BCA Signed	10/27/2022
Dayton Municipal Water Supply	772	Webster	IA9425011	CWS	202201044	Failure to conduct Public Notice	01-Apr-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/9/2022
De Soto Water Supply	960	Dallas	IA2529035	CWS	202300248	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	2/1/2023
De Soto Water Supply	960	Dallas	IA2529035	CWS	202300565	Failure to conduct Public Notice	08-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/20/2023
De Soto Water Supply	960	Dallas	IA2529035	CWS	202300566	Failure to conduct Public Notice	08-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/20/2023
Decorah Implement Company	50	Winneshiek	IA9630768	TNC	202200816	Failure to conduct Public Notice	23-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/21/2022
Dedham Water Supply	224	Carroll	IA1433016	CWS	202201062	Failure to issue Lead Consumer Notice	31-Mar-22	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	4/26/2023
Dedham Water Supply	224	Carroll	IA1433016	CWS	202201979	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	3/2/2023
Dedham Water Supply	224	Carroll	IA1433016	CWS	202300071	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2022
Dedham Water Supply	224	Carroll	IA1433016	CWS	202300072	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2022
Dedham Water Supply	224	Carroll	IA1433016	CWS	202300227	Failure to issue Lead Consumer Notice	30-Sep-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	10/13/2022
Deer Hunters Run	78	Dallas	IA2570304	CWS	202300392	Copper	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2023
Deer Hunters Run	78	Dallas	IA2570304	CWS	202300393	Lead	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2023
Deese Thirsty Camel	67	Louisa	IA7016202	TNC	202201246	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Deese Thirsty Camel	67	Louisa	IA7016202	TNC	202300267	Nitrate (as N)	31-Oct-22	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/3/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Deese Thirsty Camel	67	Louisa	IA7016202	TNC	202300581	Failure to conduct Public Notice	05-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/28/2022
Defiance Water Department	245	Shelby	IA8315018	CWS	202201987	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/9/2022
Delhi Water Supply	420	Delaware	IA2817020	CWS	202300643	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/9/2023
Devils Creek Estates Home Assoc	145	Scott	IA8218301	CWS	202200815	Failure to conduct Public Notice	24-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/24/2022
Divide Hill Bar & Grill	50	Monona	IA6715203	TNC	202201029	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/2/2022
Divide Hill Bar & Grill	50	Monona	IA6715203	TNC	202201030	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2022
Dodds Valley View Water Assn	220	Scott	IA8209600	CWS	202200789	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/4/2022
Dodds Valley View Water Assn	220	Scott	IA8209600	CWS	202200888	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/4/2022
Dodds Valley View Water Assn	220	Scott	IA8209600	CWS	202201366	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/14/2022
Dodds Valley View Water Assn	220	Scott	IA8209600	CWS	202300214	Failure to conduct Public Notice	20-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Doon Water Supply	619	Lyon	IA6015047	CWS	202300669	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/10/2023
Double - Dd Bar And Grill Llc	52	Muscatine	IA7016204	TNC	202300459	Failure to conduct Public Notice	15-Oct-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/6/2022
Dubuque Sports Complex	400	Dubuque	IA3126208	TNC	202201390	E. coli	16-May-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	6/27/2022
Dubuque Sports Complex	400	Dubuque	IA3126208	TNC	202202171	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2022
Dubuque Sports Complex	400	Dubuque	IA3126208	TNC	202300553	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2023
Dubuque Sports Complex	400	Dubuque	IA3126208	TNC	202300695	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2023
Dunlap Water Supply	1222	Harrison	IA4316087	CWS	202201983	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/23/2022
Eagle Grove Country Club	51	Wright	IA9926809	TNC	202201373	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2022
Eagle Grove Country Club	51	Wright	IA9926809	TNC	202300217	Failure to conduct Public Notice	20-Sep-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/27/2022
Early Municipal Water Supply	587	Sac	IA8114000	CWS	202300464	Nitrate (as N)	30-Nov-22	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/17/2022
East Mills School	285	Mills	IA6527545	NTNC	202300607	Total Trihalomethanes (TTHM)	31-Dec-22	MCL (Chem-Rad), Average	MCL	NOV Issued	1/6/2023
Eastern Hills Baptist Church	149	Pottawattamie	IA7820851	NTNC	202200687	Failure to issue Lead Consumer Notice	27-Jan-22	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	9/27/2022
Eastern Hills Baptist Church	149	Pottawattamie	IA7820851	NTNC	202300832	Manganese	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/23/2023
Eden Valley Refuge	25	Jackson	IA4950905	TNC	202201235	Failure to conduct Public Notice	20-Apr-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Eden Valley Refuge	25	Jackson	IA4950905	TNC	202201681	Failure to conduct Public Notice	17-Jun-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Eldon Water Supply	927	Wapello	IA9053004	CWS	202300548	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/21/2022
Eldon Water Supply	927	Wapello	IA9053004	CWS	202300836	Copper	31-Dec-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/23/2023
Eldon Water Supply	927	Wapello	IA9053004	CWS	202300837	Lead	31-Dec-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/23/2023
Elliott Water Supply	338	Montgomery	IA6915015	CWS	202200784	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/8/2022
Epic Event Center	404	Linn	IA5751802	TNC	202300167	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/5/2022
Epic Event Center	404	Linn	IA5751802	TNC	202300400	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/9/2022
E-Stop	63	Mills	IA6520201	TNC	202300701	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/10/2023
Evansdale Water Works	4561	Black Hawk	IA0723027	CWS	202300298	Nitrogen-Ammonia (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2022
Evansdale Water Works	4561	Black Hawk	IA0723027	CWS	202300299	Nitrogen-Ammonia (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2022
Everly Water Supply	575	Clay	IA2115029	CWS	202200980	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/20/2022
Express Mart	25	Muscatine	IA7048201	TNC	202300180	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/13/2022
FB & Company	42	Linn	IA5720201	TNC	202300257	Failure to conduct Level 1 Assessment	31-Oct-22	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	2/1/2023
FB & Company	42	Linn	IA5720201	TNC	202300551	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/10/2023
FB & Company	42	Linn	IA5720201	TNC	202300689	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/19/2023
FB & Company	42	Linn	IA5720201	TNC	202300690	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/10/2023
Fairview Mennonite Church	41	Johnson	IA9233804	TNC	202300760	Chlorine	31-Dec-22	Operations Report	RPT	NOV Issued	1/18/2023
Fast Trak	27	Clayton	IA2223201	TNC	202300160	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/19/2022
FC United Soccer Club Inc	100	Linn	IA5715215	TNC	202201033	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2022
FC United Soccer Club Inc	100	Linn	IA5715215	TNC	202201923	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/31/2022
FC United Soccer Club Inc	100	Linn	IA5715215	TNC	202201965	Failure to conduct Public Notice	24-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
FC United Soccer Club Inc	100	Linn	IA5715215	TNC	202300174	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/15/2022
FC United Soccer Club Inc	100	Linn	IA5715215	TNC	202300406	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/15/2022
FC United Soccer Club Inc	100	Linn	IA5715215	TNC	202300587	Failure to conduct Public Notice	21-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2022
FC United Soccer Club Inc	100	Linn	IA5715215	TNC	202300718	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2023
Featherlite Manufacturing, Inc.	45	Howard	IA4535101	NTNC	202300151	Total Haloacetic Acids (HAAS)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Featherlite Manufacturing, Inc.	45	Howard	IA4535101	NTNC	202300152	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
First Presbyterian Church (Near Ely)	50	Linn	IA5728801	TNC	202200920	Chlorine	28-Feb-22	Operations Report	RPT	NOV Issued	3/16/2022
Five Star Cooperative	97	Chickasaw	IA1970208	TNC	202200822	Failure to conduct Public Notice	05-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/11/2022
Fonda Water Supply	636	Pocahontas	IA7603045	CWS	202201615	Nitrite (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/7/2022
Fonda Water Supply	636	Pocahontas	IA7603045	CWS	202300777	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/30/2023
Four Oaks Family And Childrens Services	50	Linn	IA5715802	CWS	202300841	Sodium	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2023
Fox Valley Acres	36	Muscatine	IA7048319	CWS	202300714	Coliform bacteria	31-Dec-22	Monitoring (RTPCR), Routine Major	MON	NOV Issued	1/20/2023
Fremont Golf Course	129	Fremont	IA3661884	TNC	202300767	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTPCR)	TT	Compliance Achieved	3/1/2022
GG Brothers	395	Cedar	IA1600605	TNC	202200753	Coliform bacteria	31-Jan-22	Monitoring (RTPCR), Routine Major	MON	Compliance Achieved	2/25/2022
GG Brothers	395	Cedar	IA1600605	TNC	202200973	Coliform bacteria	31-Mar-22	Monitoring (RTPCR), Routine Major	MON	Compliance Achieved	5/31/2022
GG Brothers	395	Cedar	IA1600605	TNC	202201136	Coliform bacteria	30-Apr-22	Monitoring (RTPCR), Routine Major	MON	Compliance Achieved	5/31/2022
GG Brothers	395	Cedar	IA1600605	TNC	202201228	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
GG Brothers	395	Cedar	IA1600605	TNC	202201544	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/21/2022
GG Brothers	395	Cedar	IA1600605	TNC	202201545	Coliform bacteria	30-Jun-22	Monitoring (RTPCR), Routine Major	MON	Compliance Achieved	7/1/2022
GG Brothers	395	Cedar	IA1600605	TNC	202201935	Failure to conduct Public Notice	22-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
GG Brothers	395	Cedar	IA1600605	TNC	202201936	Failure to conduct Public Notice	25-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
GG Brothers	395	Cedar	IA1600605	TNC	202202187	Failure to conduct Public Notice	23-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
GG Brothers	395	Cedar	IA1600605	TNC	202300073	Coliform bacteria	30-Sep-22	Monitoring (RTPCR), Routine Major	MON	Compliance Achieved	11/4/2022
GG Brothers	395	Cedar	IA1600605	TNC	202300304	Coliform bacteria	31-Oct-22	Monitoring (RTPCR), Routine Major	MON	Compliance Achieved	11/4/2022
GG Brothers	395	Cedar	IA1600605	TNC	202300423	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
GG Brothers	395	Cedar	IA1600605	TNC	202300424	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
GG Brothers	395	Cedar	IA1600605	TNC	202300636	Coliform bacteria	31-Dec-22	Monitoring (RTPCR), Routine Major	MON	Compliance Achieved	1/31/2023
Gallery Acres West	43	Johnson	IA5282306	CWS	202200925	Arsenic	31-Mar-22	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/4/2022
Gavin Estates	52	Dubuque	IA3100823	CWS	202201558	Coliform bacteria	30-Jun-22	Monitoring (RTPCR), Routine Major	MON	Compliance Achieved	7/18/2022
Gavin Estates	52	Dubuque	IA3100823	CWS	202201819	Radium, Combined (226, 228)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/7/2022



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Gavin Estates	52	Dubuque	IA3100823	CWS	202300326	Radium, Combined (226, 228)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/7/2022
Gavin Estates	52	Dubuque	IA3100823	CWS	202300430	Failure to conduct Public Notice	26-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Gavin Estates	52	Dubuque	IA3100823	CWS	202300809	Sodium	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/17/2023
Gilmore City Waterworks	487	Pocahontas	IA7607088	CWS	202201309	Nitrate (as N)	30-Jun-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/13/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202201114	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	6/13/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202201955	Failure to conduct Public Notice	13-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202202018	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202300115	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202300116	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202300117	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202300118	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202300119	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202300443	Failure to conduct Public Notice	12-Oct-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Glenn Oaks Addition	58	Linn	IA5784313	CWS	202300790	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/3/2023
Go The Distance Baseball Llc	25	Dubuque	IA3130203	TNC	202201926	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2022
Go The Distance Baseball Llc	25	Dubuque	IA3130203	TNC	202201927	Nitrate (as N)	31-Jul-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/24/2022
Go The Distance Baseball Llc	25	Dubuque	IA3130203	TNC	202300182	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/11/2022
Go The Distance Baseball Llc	25	Dubuque	IA3130203	TNC	202300183	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/11/2022
Grace Lutheran Camp Inc	30	Clinton	IA2330401	TNC	202201805	Nitrate (as N)	31-Jul-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/31/2022
Grace Lutheran Camp Inc	30	Clinton	IA2330401	TNC	202300639	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/10/2023
Grand Mound Water Supply	615	Clinton	IA2341099	CWS	202200853	Manganese	22-Feb-22	Reporting	RPT	Compliance Achieved	4/8/2022
Greenwood Acres Water Co.	325	Polk	IA7709395	CWS	202300600	Lead	30-Sep-22	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	12/27/2022
Grinnell Mhp Mhc	313	Poweshiek	IA7930601	CWS	202300249	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/30/2022
Hanlontown Water Supply System	206	Worth	IA9830001	CWS	202201633	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/19/2022

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Hartman Riverside Camp #1	46	Allamakee	IA0300645	TNC	202202064	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTRC)	TT	Compliance Achieved	10/25/2022
Hartman Riverside Camp #1	46	Allamakee	IA0300645	TNC	202300192	Failure to conduct Public Notice	21-Sep-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/25/2022
Hazleton Mobile Home Park	90	Buchanan	IA1031601	CWS	202201049	Chlorine	31-Mar-22	Operations Report	RPT	Compliance Achieved	5/1/2022
Hazleton Mobile Home Park	90	Buchanan	IA1031601	CWS	202300416	Copper	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2022
Hazleton Mobile Home Park	90	Buchanan	IA1031601	CWS	202300417	Lead	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2022
Hazleton Water Supply	713	Buchanan	IA1031044	CWS	202300801	Sodium	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2023
Hidden River Campgrounds	101	Cedar	IA1689401	TNC	202201972	Coliform (TCR)	30-Jun-22	Operations Report	RPT	NOV Issued	8/8/2022
Highland General Store & Campground	59	Winneshiek	IA9656401	TNC	202200903	Failure to conduct Public Notice	19-Feb-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2022
Highland General Store & Campground	59	Winneshiek	IA9656401	TNC	202300705	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/12/2023
Highland High School	405	Washington	IA9260528	NTNC	202300687	Coliform bacteria	31-Dec-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	1/9/2023
Hillcrest Academy	202	Washington	IA9233520	NTNC	202202163	Coliform bacteria	31-Aug-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	10/25/2022
Hillcrest Academy	202	Washington	IA9233520	NTNC	202202166	Coliform bacteria	31-Aug-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	10/25/2022
Hillcrest Academy	202	Washington	IA9233520	NTNC	202300147	Coliform bacteria	30-Sep-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	10/25/2022
Hillcrest Academy	202	Washington	IA9233520	NTNC	202300148	Coliform bacteria	30-Sep-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	10/25/2022
Hillside Golf	62	Hancock	IA5592893	TNC	202300664	Coliform bacteria	31-Dec-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	1/30/2023
Him Hearth N Home Cooking	57	Washington	IA9233205	TNC	202300291	Coliform bacteria	31-Oct-22	Monitoring (RTRC), Add. Routine Major	MON	Compliance Achieved	1/31/2023
Him Hearth N Home Cooking	57	Washington	IA9233205	TNC	202300481	E. coli	30-Nov-22	MCL, EC+ (RTRC)	MCL	Compliance Achieved	1/20/2023
Him Hearth N Home Cooking	57	Washington	IA9233205	TNC	202300624	Coliform bacteria	31-Dec-22	Monitoring (RTRC), Add. Routine Major	MON	Compliance Achieved	1/31/2023
Him Hearth N Home Cooking	57	Washington	IA9233205	TNC	202300744	Failure to conduct Public Notice	02-Dec-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/24/2023
Hinton Water Supply	935	Plymouth	IA7528051	CWS	202201986	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/12/2022
Hitchcock House	216	Cass	IA1535901	TNC	202201662	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2022
Hitchcock House	216	Cass	IA1535901	TNC	202201922	Nitrate (as N)	31-Jul-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2022
Hitchcock Nature Center	32	Pottawattamie	IA7836445	TNC	202201043	Failure to conduct Public Notice	13-Mar-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/15/2022
Hitchcock Nature Center	32	Pottawattamie	IA7836445	TNC	202201618	Coliform bacteria	30-Jun-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	10/10/2022
Hitchcock Nature Center	32	Pottawattamie	IA7836445	TNC	202201892	Manganese	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	8/18/2022

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Hitchcock Nature Center	32	Pottawattamie	IA7836445	TNC	202201893	Manganese	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	8/18/2022
Hitchcock Nature Center	32	Pottawattamie	IA7836445	TNC	202201894	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/10/2022
Hootys	29	Fayette	IA3383202	TNC	202300700	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/8/2023
Hopkinton Municipal Utilities	622	Delaware	IA2835056	CWS	202201301	E. coli	31-May-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	6/8/2022
Horse Creek Adventures	32	Fremont	IA3661401	TNC	202200906	Failure to conduct Public Notice	21-Feb-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/14/2022
Humeston Water Plant	522	Wayne	IA9348065	CWS	202300549	Total Trihalomethanes (TTHM)	31-Oct-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/11/2023
Humeston Water Plant	522	Wayne	IA9348065	CWS	202300550	Total Haloacetic Acids (HAA5)	31-Oct-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/11/2023
Hurstville Interpretive Center	50	Jackson	IA4938401	TNC	202200894	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/15/2022
Hurstville Interpretive Center	50	Jackson	IA4938401	TNC	202202177	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/21/2022
Hurstville Interpretive Center	50	Jackson	IA4938401	TNC	202300702	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/31/2023
Hurstville Interpretive Center	50	Jackson	IA4938401	TNC	202300703	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/31/2023
HWH Corporation	250	Cedar	IA1672101	NTNC	202200974	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/12/2022
HWH Corporation	250	Cedar	IA1672101	NTNC	202201546	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/12/2022
HWH Corporation	250	Cedar	IA1672101	NTNC	202300074	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/30/2022
HWH Corporation	250	Cedar	IA1672101	NTNC	202300425	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
HWH Corporation (West)	50	Cedar	IA7078101	NTNC	202200797	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/24/2022
HWH Corporation (West)	50	Cedar	IA7078101	NTNC	202200891	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/24/2022
HWH Corporation (West)	50	Cedar	IA7078101	NTNC	202201377	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/23/2022
HWH Corporation (West)	50	Cedar	IA7078101	NTNC	202201903	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/17/2022
HWH Corporation (West)	50	Cedar	IA7078101	NTNC	202300577	Failure to conduct Public Notice	22-Nov-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/11/2023
Indian Hills Home Owners Association	62	Johnson	IA5280302	CWS	202201999	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/30/2022
Interstate Park	50	Mitchell	IA6663903	TNC	202201404	Failure to conduct Public Notice	23-May-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2022
Iowa Army Ammunition Plant	1100	Des Moines	IA2900900	NTNC	202202225	Lead	30-Sep-22	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	12/27/2022
Iowa Cage Free	45	Wright	IA9937101	NTNC	202200670	Failure to conduct Public Notice	01-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/2/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Iowa Cage Free	45	Wright	IA9937101	NTNC	202200670	Failure to conduct Public Notice	01-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/2/2022
Iowa Lake - Emmet Co Conservation	25	Emmet	IA3218903	TNC	202201909	Manganese	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/7/2022
Irua (Dows)	2042	Franklin	IA3564901	NTNC	202300842	Di(2-Ethylhexyl) Phthalate	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/17/2023
Irwin Municipal Supply	319	Shelby	IA8340099	CWS	202201895	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/1/2022
Jackson Heights Golf Course	72	Winneshiek	IA9661201	TNC	202201380	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/20/2022
Jaeger Plumbing & Pump, Inc.	25	Dubuque	IA3126713	TNC	202200989	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Jerico Jos	28	Chickasaw	IA1951201	TNC	202201908	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2022
Johnson County Ag Association	218	Johnson	IA5225901	TNC	202201917	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2022
Johnson County Ag Association	218	Johnson	IA5225901	TNC	202300188	E. coli	03-Sep-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	10/20/2022
Johnson County Ag Association	218	Johnson	IA5225901	TNC	202300189	E. coli	23-Sep-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	10/25/2022
Johnson County Ag Association	218	Johnson	IA5225901	TNC	202300583	Failure to conduct Public Notice	22-Nov-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/22/2022
Jones County Local	50	Jones	IA5307728	TNC	202200811	Failure to conduct Public Notice	24-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Jones County Local	50	Jones	IA5307728	TNC	202200882	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/17/2022
Jones County Local	50	Jones	IA5307728	TNC	202200995	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/17/2022
Jones County Local	50	Jones	IA5307728	TNC	202201041	Failure to conduct Public Notice	26-Mar-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Jones County Local	50	Jones	IA5307728	TNC	202201168	Coliform bacteria	30-Apr-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/17/2022
Jones County Local	50	Jones	IA5307728	TNC	202201682	Failure to conduct Public Notice	21-Jun-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Jones County Local	50	Jones	IA5307728	TNC	202201946	Failure to conduct Public Notice	25-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Jones County Local	50	Jones	IA5307728	TNC	202202196	Failure to conduct Public Notice	23-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Jones County Local	50	Jones	IA5307728	TNC	202300540	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/17/2023
Jones County Local	50	Jones	IA5307728	TNC	202300658	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/20/2023
Jones County Local	50	Jones	IA5307728	TNC	202300659	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/17/2023
Jos Longbranch	27	Howard	IA4515202	TNC	202200866	Chlorine	28-Feb-22	Operations Report	RPT	Compliance Achieved	11/10/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202200902	Failure to conduct Public Notice	17-Feb-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/10/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202201245	Failure to conduct Public Notice	27-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Jos Longbranch	27	Howard	IA4515202	TNC	202201263	Chlorine	31-Mar-22	Operations Report	RPT	Compliance Achieved	11/10/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202201264	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	11/10/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202201409	Failure to conduct Public Notice	18-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/1/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202201690	Failure to conduct Public Notice	15-Jun-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/18/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202201715	Chlorine	30-Jun-22	Operations Report	RPT	Compliance Achieved	11/10/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202201961	Failure to conduct Public Notice	14-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/16/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202202056	Chlorine	31-Jul-22	Operations Report	RPT	Compliance Achieved	11/10/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202202204	Failure to conduct Public Notice	17-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202300253	Chlorine	31-Aug-22	Operations Report	RPT	Compliance Achieved	11/10/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202300254	Chlorine	30-Sep-22	Operations Report	RPT	Compliance Achieved	11/10/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202300579	Failure to conduct Public Notice	18-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/20/2022
Jos Longbranch	27	Howard	IA4515202	TNC	202300580	Failure to conduct Public Notice	14-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/20/2022
Kabeles Trading Post	104	Dickinson	IA3070204	TNC	202201669	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/26/2022
Kabeles Trading Post	104	Dickinson	IA3070204	TNC	202300462	Failure to conduct Public Notice	22-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Kalmes Store	112	Jackson	IA4979796	TNC	202200809	Failure to conduct Public Notice	24-Jan-22	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2022
Kalmes Store	112	Jackson	IA4979796	TNC	202300535	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2022
Kalmes Store	112	Jackson	IA4979796	TNC	202300558	E. coli	07-Nov-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	12/28/2022
Kammerer Mobile Home Park	100	Muscatine	IA7000686	CWS	202300369	Sodium	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/28/2023
Kellerton Water Supply	243	Ringgold	IA8040015	CWS	202300677	Nitrite (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/23/2023
Kellogg Water Supply	606	Jasper	IA5038017	CWS	202300354	Manganese	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/23/2023
Kimballton Utilities	291	Audubon	IA0543031	CWS	202200911	Failure to consult with DNR	11-Mar-22	Failure to Consult, GWR	RPT	Compliance Achieved	3/14/2022
Knierim Water Supply	53	Calhoun	IA1340001	CWS	202202016	Copper	30-Sep-22	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/19/2022
Knierim Water Supply	53	Calhoun	IA1340001	CWS	202300250	Nitrite (as N)	31-Oct-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/23/2023
Knierim Water Supply	53	Calhoun	IA1340001	CWS	202300471	Nitrite (as N)	30-Nov-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/23/2023
Kochs Meadow Lake Campgrounds	200	Cedar	IA1600624	TNC	202300305	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/4/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
La Porte City Golf Club	40	Black Hawk	IA0743888	TNC	202201536	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2022
La Porte City Golf Club	40	Black Hawk	IA0743888	TNC	202300422	Failure to conduct Public Notice	24-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Ladora Water Supply	229	Iowa	IA4840042	CWS	202201449	Nitrite (as N)	30-Jun-22	Operations Report	RPT	Compliance Achieved	8/25/2022
Ladora Water Supply	229	Iowa	IA4840042	CWS	202201587	Nitrite (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/25/2022
Ladora Water Supply	229	Iowa	IA4840042	CWS	202202004	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Ladora Water Supply	229	Iowa	IA4840042	CWS	202300434	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Ladora Water Supply	229	Iowa	IA4840042	CWS	202300773	Coliform (TCR)	30-Nov-22	Operations Report	RPT	NOV Issued	1/24/2023
Lake Crest Manor Hoa #3	300	Johnson	IA5200891	CWS	202202146	Total Haloacetic Acids (HAA5)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/29/2022
Lake Crest Manor Hoa #3	300	Johnson	IA5200891	CWS	202202147	Total Trihalomethanes (TTHM)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/29/2022
Lake Macbride Golf Course	45	Johnson	IA5282803	TNC	202200716	Failure to meet Certified Operator Requirement	01-Feb-22	Certified Operator Requirement	STA	Compliance Achieved	2/10/2022
Lake Macbride Heights Hoa	69	Johnson	IA5282305	CWS	202300839	Radium, Combined (226, 228)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/17/2023
Lake Meyer Park	25	Winneshiek	IA9641404	TNC	202202181	E. coli	22-Aug-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/19/2022
Lake Odessa Cabin Owners Assoc.	31	Louisa	IA5879424	TNC	202300507	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	1/5/2023
Lake Ridge, Incorporated	1300	Johnson	IA5225315	CWS	202300691	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/7/2023
Lakeside National Golf Club	30	Greene	IA3730886	TNC	202201824	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/25/2022
Lakeview Knolls Homeowners Assn.	122	Johnson	IA5200304	CWS	202201929	E. coli	25-Jul-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/10/2022
Lakeview Knolls Homeowners Assn.	122	Johnson	IA5200304	CWS	202202002	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	11/4/2022
Lamoni Municipal Utilities	1969	Decatur	IA2740050	CWS	202300640	Chlorite	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/11/2023
Lamoni Municipal Utilities	1969	Decatur	IA2740050	CWS	202300641	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/11/2023
Lamoni Municipal Utilities	1969	Decatur	IA2740050	CWS	202300642	Carbon, Total Organic (TOC)	31-Dec-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/11/2023
Lanesboro Water Works	119	Carroll	IA1449053	CWS	202200577	Arsenic	31-Mar-22	MCL (Chem-Rad), Average	MCL	Compliance Achieved	7/5/2022
Lanesboro Water Works	119	Carroll	IA1449053	CWS	202200654	Failure to conduct Public Notice	01-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/20/2022
Lanesboro Water Works	119	Carroll	IA1449053	CWS	202201673	Failure to conduct Public Notice	01-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/1/2022
Lazy Acres	99	Benton	IA0680401	TNC	202202063	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	11/18/2022

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Lazy Susan Campground	70	Clayton	IA2268601	TNC	202300169	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/3/2022
Lazy Susan Campground	70	Clayton	IA2268601	TNC	202300170	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2022
Lazy T Campground	25	Delaware	IA2839401	TNC	202200948	Nitrate (as N)	30-Apr-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	10/13/2022
Lazy T Campground	25	Delaware	IA2839401	TNC	202201268	Nitrate (as N)	31-May-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	10/13/2022
Lazy T Campground	25	Delaware	IA2839401	TNC	202201314	Nitrate (as N)	30-Jun-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	10/13/2022
Lazy T Campground	25	Delaware	IA2839401	TNC	202201696	Failure to conduct Public Notice	17-Jun-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/1/2022
Lazy T Campground	25	Delaware	IA2839401	TNC	202201716	Nitrate (as N)	31-Jul-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	10/13/2022
Lazy T Campground	25	Delaware	IA2839401	TNC	202202015	Nitrate (as N)	31-Aug-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	10/13/2022
Lazy T Campground	25	Delaware	IA2839401	TNC	202202219	Nitrate (as N)	30-Sep-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	10/13/2022
Lazy T Campground	25	Delaware	IA2839401	TNC	202300035	Nitrate (as N)	31-Oct-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	10/14/2022
Ledyard Water Supply	121	Kossuth	IA5543069	CWS	202300663	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/16/2023
Lehigh Water Supply	395	Webster	IA9453071	CWS	202300748	Radium, Combined (226, 228)	31-Dec-22	MCL (Chem-Rad), Average	MCL	NOV Issued	1/18/2023
Leon Water Supply	1822	Decatur	IA2742076	CWS	202200984	Total Trihalomethanes (TTHM)	28-Feb-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	5/3/2022
Leon Water Supply	1822	Decatur	IA2742076	CWS	202200985	Total Haloacetic Acids (HAA5)	28-Feb-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	5/3/2022
Leon Water Supply	1822	Decatur	IA2742076	CWS	202201765	Total Trihalomethanes (TTHM)	30-Sep-22	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/1/2022
Leon Water Supply	1822	Decatur	IA2742076	CWS	202202041	Turbidity	30-Aug-22	Single Comb Filter Effluent (SWTR)	TT	Compliance Achieved	10/10/2022
Leon Water Supply	1822	Decatur	IA2742076	CWS	202300025	Turbidity	30-Sep-22	Single Comb Filter Effluent (SWTR)	TT	Compliance Achieved	11/10/2022
Lily Jack Saloon	30	Monona	IA6715204	TNC	202201254	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/23/2022
Lily Jack Saloon	30	Monona	IA6715204	TNC	202201255	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/23/2022
Lily Jack Saloon	30	Monona	IA6715204	TNC	202201256	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/23/2022
Lily Jack Saloon	30	Monona	IA6715204	TNC	202300721	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/18/2023
Lime Springs Water Supply	473	Howard	IA4535081	CWS	202300778	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/13/2023
Lincolnway Investment Group	110	Linn	IA5748201	TNC	202202173	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/14/2022
Lincolnway Investment Group	110	Linn	IA5748201	TNC	202300743	Failure to conduct Public Notice	25-Dec-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/27/2023

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Linn Co Engineer And Secondary Roads	658	Linn	IA5700900	NTNC	202300667	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/30/2023
Linn Co Engineer And Secondary Roads	658	Linn	IA5700900	NTNC	202300791	Failure to Maintain Minimum Chlorine Residual	30-Sep-22	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	1/4/2023
Linn Grove Water Works	163	Buena Vista	IA1147085	CWS	202300003	Chlorine	31-Jan-22	Record Keeping	RPT	Compliance Achieved	9/23/2022
Linn Grove Water Works	163	Buena Vista	IA1147085	CWS	202300004	Chlorine	30-Sep-22	Record Keeping	RPT	Compliance Achieved	9/23/2022
Little Angels Child Care Center	65	Johnson	IA5285501	NTNC	202201381	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/28/2022
Little Brown Church	183	Chickasaw	IA1967863	TNC	202200744	Chlorine	31-Jan-22	Operations Report	RPT	Compliance Achieved	2/14/2022
Littlefield Rec Area	25	Audubon	IA0520905	TNC	202300799	Manganese	30-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/17/2023
Lizard Creek Ranch	125	Webster	IA9433801	CWS	202300163	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2022
Logan-Missouri Valley Country Club	178	Harrison	IA4337201	TNC	202201907	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/8/2022
Lost Canyon Mhp (Peosta)	97	Dubuque	IA3100608	CWS	202200848	Chlorine	31-Jan-22	Operations Report	RPT	Compliance Achieved	2/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201556	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/21/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201806	Beryllium	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201807	Cyanide	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201808	Antimony	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201809	Arsenic	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201810	Barium	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201811	Cadmium	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201812	Chromium	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201813	Fluoride	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201814	Mercury	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201815	Selenium	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201816	Thallium	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202201817	Sodium	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	8/18/2022
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202202005	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022



Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Lost Nation Water Supply	434	Clinton	IA2346047	CWS	202300429	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Louisa Co Law Enforcement Ctr	46	Louisa	IA5800901	CWS	202300125	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/16/2022
Louisa Co Law Enforcement Ctr	46	Louisa	IA5800901	CWS	202300126	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/16/2022
Louisa Co Law Enforcement Ctr	46	Louisa	IA5800901	CWS	202300127	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/16/2022
Lower Deer Creek Mennonite Church	36	Johnson	IA9233803	TNC	202300704	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/31/2023
Loyal Order Of The Moose Lodge/C Rapids	70	Linn	IA5715209	TNC	202300157	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/5/2022
Lu Verne Water Supply	258	Kossuth	IA5551006	CWS	202300361	Manganese	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/18/2022
Luckys Last Resort Campground	105	Cerro Gordo	IA1759401	TNC	202201996	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/27/2022
Lyn-Den Heights Homeowners Assoc.	84	Johnson	IA5225301	CWS	202300484	Lead	30-Sep-22	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	12/2/2022
Macbride Estates Development	63	Johnson	IA5282310	CWS	202300403	Copper	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2022
Macbride Estates Development	63	Johnson	IA5282310	CWS	202300404	Lead	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2022
Macbride Pointe Third Master Maintenance	25	Johnson	IA5282311	CWS	202200862	Arsenic	31-Mar-22	MCL (Chem-Rad), Average	MCL	NOV Issued	3/4/2022
Macbride Pointe Third Master Maintenance	25	Johnson	IA5282311	CWS	202200863	Arsenic	31-Mar-22	MCL (Chem-Rad), Average	MCL	NOV Issued	3/4/2022
Macbride Pointe Third Master Maintenance	25	Johnson	IA5282311	CWS	202201267	Arsenic	30-Jun-22	MCL (Chem-Rad), Average	MCL	BCA Signed	4/5/2023
Macbride Pointe Third Master Maintenance	25	Johnson	IA5282311	CWS	202202062	Arsenic	30-Sep-22	MCL (Chem-Rad), Average	MCL	NOV Issued	8/29/2022
Macbride Pointe Third Master Maintenance	25	Johnson	IA5282311	CWS	202300460	Failure to conduct Public Notice	02-Oct-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/28/2022
Macbride Pointe Third Master Maintenance	25	Johnson	IA5282311	CWS	202300472	Arsenic	31-Dec-22	MCL (Chem-Rad), Average	MCL	BCA Signed	4/5/2023
Makada Homeowners Association	85	Johnson	IA5225304	CWS	202202000	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/29/2022
Mallard Water Supply	257	Palo Alto	IA7450019	CWS	202200836	Arsenic	31-Mar-22	MCL (Chem-Rad), Average	MCL	NOV Issued	2/18/2022
Mallard Water Supply	257	Palo Alto	IA7450019	CWS	202201074	Arsenic	30-Jun-22	MCL (Chem-Rad), Average	MCL	NOV Issued	5/2/2022
Mallard Water Supply	257	Palo Alto	IA7450019	CWS	202300134	Manganese	31-Aug-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2022
Marlee & Me'S Bar And Grill Llc	53	Jackson	IA4982201	TNC	202201920	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/31/2022
Marlee & Me'S Bar And Grill Llc	53	Jackson	IA4982201	TNC	202300586	Failure to conduct Public Notice	22-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/28/2022
Martelle Water Works	249	Jones	IA5337046	CWS	202201997	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/8/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Massena Water Supply	364	Cass	IA1558055	CWS	202201277	Failure to Maintain Minimum Chlorine Residual	19-Jun-22	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	7/15/2022
Mecha Ceba Water System Association	87	Muscatine	IA7000617	CWS	202300672	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/22/2023
Mechanicsville Water Dept	1020	Cedar	IA1667076	CWS	202200676	Failure to meet Certified Operator Requirement	10-Jan-22	Certified Operator Requirement	STA	Compliance Achieved	3/17/2022
Mechanicsville Water Dept	1020	Cedar	IA1667076	CWS	202200754	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/15/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201002	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201177	Sodium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201178	Beryllium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201179	Cyanide	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201180	Antimony	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201181	Arsenic	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201182	Barium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201183	Cadmium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201184	Chromium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201185	Fluoride	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201186	Mercury	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201187	Selenium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Merrill Municipal Water Supply	717	Plymouth	IA7548072	CWS	202201188	Thallium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2022
Mid River Marina	31	Johnson	IA5252202	TNC	202201642	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/21/2022
Mid River Marina	31	Johnson	IA5252202	TNC	202201991	Failure to complete Start-Up Procedures	31-May-22	Start-Up Procedures TT (RTCR)	TT	NOV Issued	8/18/2022
Mid River Marina	31	Johnson	IA5252202	TNC	202300453	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Mid-Mart, Inc.	51	Dubuque	IA3100740	TNC	202300087	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/20/2022
Millersburg Water Dept	135	Iowa	IA4852082	CWS	202300772	Coliform (TCR)	31-Jul-22	Record Keeping	RPT	Compliance Achieved	11/2/2022
Milo Public Water Supply	788	Warren	IA9155083	CWS	202300685	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/10/2023
Mingo Water Department	302	Jasper	IA5052087	CWS	202201827	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/22/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Mingo Water Department	302	Jasper	IA5052087	CWS	202202066	Chlorine	31-Jul-22	Record Keeping	RPT	Compliance Achieved	8/22/2022
Mingo Water Department	302	Jasper	IA5052087	CWS	202202193	Failure to conduct Public Notice	27-Aug-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/17/2022
Missouri Valley Water Supply	2678	Harrison	IA4344088	CWS	202300724	E. coli	08-Dec-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	1/18/2023
Mitchell County Nature Center	30	Mitchell	IA6663905	TNC	202200566	Failure to conduct Level 1 Assessment	31-Jan-22	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	Compliance Achieved	5/16/2022
Mitchell County Nature Center	30	Mitchell	IA6663905	TNC	202200805	E. coli	23-Jan-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/25/2022
Mitchell County Nature Center	30	Mitchell	IA6663905	TNC	202200867	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	4/5/2022
Mitchell County Nature Center	30	Mitchell	IA6663905	TNC	202300712	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/4/2023
Modern Manor, Inc	915	Johnson	IA5225601	CWS	202300655	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/4/2023
Mondamin Water Supply	339	Harrison	IA4349094	CWS	202300096	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/2/2022
Mondamin Water Supply	339	Harrison	IA4349094	CWS	202300097	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/2/2022
Monticello Jellystone Park	153	Jones	IA5343203	TNC	202201990	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/29/2022
Monticello Jellystone Park li	50	Jones	IA5343204	TNC	202201989	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/29/2022
Monticello Jellystone Park li	50	Jones	IA5343204	TNC	202202099	E. coli	30-Sep-22	MCL, EC+ (RTCR)	MCL	Compliance Achieved	10/7/2022
Monticello Jellystone Park li	50	Jones	IA5343204	TNC	202300221	Failure to conduct Public Notice	16-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Montipark Llc	60	Jones	IA5300688	CWS	202201166	Nitrate (as N)	30-Apr-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	5/19/2022
Montipark Llc	60	Jones	IA5300688	CWS	202201167	Coliform bacteria	30-Apr-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/30/2022
Montipark Llc	60	Jones	IA5300688	CWS	202201349	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/30/2022
Montipark Llc	60	Jones	IA5300688	CWS	202201350	Nitrate (as N)	31-May-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/27/2022
Montipark Llc	60	Jones	IA5300688	CWS	202201595	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/21/2022
Montipark Llc	60	Jones	IA5300688	CWS	202201830	Nitrate (as N)	31-Jul-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/3/2023
Montipark Llc	60	Jones	IA5300688	CWS	202201831	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/3/2023
Montipark Llc	60	Jones	IA5300688	CWS	202201998	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Montipark Llc	60	Jones	IA5300688	CWS	202202107	E. coli	30-Sep-22	MCL, EC+ (RTCR)	MCL	NOV Issued	9/15/2022
Montipark Llc	60	Jones	IA5300688	CWS	202202149	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	9/16/2022
Montipark Llc	60	Jones	IA5300688	CWS	202202150	Nitrate (as N)	31-Aug-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/27/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Montipark Llc	60	Jones	IA5300688	CWS	202202194	Failure to conduct Public Notice	23-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Montipark Llc	60	Jones	IA5300688	CWS	202202195	Failure to conduct Public Notice	23-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300191	E. coli	19-Sep-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	10/27/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300208	Failure to conduct Public Notice	20-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300209	Failure to conduct Public Notice	17-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300210	Failure to conduct Public Notice	20-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300357	Nitrate (as N)	31-Oct-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/17/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300436	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300538	Nitrate (as N)	30-Nov-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/28/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300570	Failure to conduct Public Notice	22-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/28/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300571	Failure to conduct Public Notice	22-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/28/2022
Montipark Llc	60	Jones	IA5300688	CWS	202300656	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/20/2023
Montipark Llc	60	Jones	IA5300688	CWS	202300657	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/1/2023
Montipark Llc	60	Jones	IA5300688	CWS	202300734	Failure to conduct Public Notice	20-Dec-22	Public Notice Rule Linked to Violation	PN	NOV Issued	1/20/2023
Moonshine Tap	33	Chickasaw	IA1974222	TNC	202201225	E. coli	22-Apr-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	5/18/2022
Moonshine Tap	33	Chickasaw	IA1974222	TNC	202201332	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	6/16/2022
Morley Municipal Water Supply	98	Jones	IA5349001	CWS	202201994	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/16/2022
Mt. Crescent Ski Area	128	Pottawattamie	IA7822842	TNC	202201365	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/25/2022
Mt. Crescent Ski Area	128	Pottawattamie	IA7822842	TNC	202300213	Failure to conduct Public Notice	20-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/7/2023
Mt. Crescent Ski Area	128	Pottawattamie	IA7822842	TNC	202300213	Failure to conduct Public Notice	20-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/7/2023
Mt. Crescent Ski Area	128	Pottawattamie	IA7822842	TNC	202300735	Failure to conduct Public Notice	18-Dec-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/20/2023
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202200977	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202200978	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201137	Beryllium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201138	Cyanide	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201139	Antimony	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201140	Arsenic	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201141	Barium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201142	Cadmium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201143	Chromium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201144	Fluoride	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201145	Mercury	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201146	Selenium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201147	Thallium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201148	Sodium	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201938	Failure to conduct Public Notice	23-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/26/2022
Nashua Water Supply	1551	Chickasaw	IA1967041	CWS	202201939	Failure to conduct Public Notice	23-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/12/2022
Ne Iowa Christian Service Camp	75	Butler	IA1222404	TNC	202201330	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/21/2022
Neola Light & Water	918	Pottawattamie	IA7853043	CWS	202202157	Total Haloacetic Acids (HAA5)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/28/2022
Neola Light & Water	918	Pottawattamie	IA7853043	CWS	202202158	Total Trihalomethanes (TTHM)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/28/2022
New Cooperative Rowan Mill	25	Franklin	IA9958101	NTNC	202200823	Failure to conduct Public Notice	23-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/18/2022
New Cooperative Rowan Mill	25	Franklin	IA9958101	NTNC	202300175	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/12/2022
New Cooperative Rowan Mill	25	Franklin	IA9958101	NTNC	202300411	Copper	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2022
New Cooperative Rowan Mill	25	Franklin	IA9958101	NTNC	202300412	Lead	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2022
New Cooperative, Inc (Roelyn)	80	Webster	IA9475101	NTNC	202300719	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/5/2023
New Horizon Coop/Sparboe Farms-Britt	30	Hancock	IA4103801	NTNC	202201932	E. coli	24-Jul-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/25/2022
New Horizon Coop/Sparboe Farms-Britt	30	Hancock	IA4103801	NTNC	202202121	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/25/2022
Newts Cafe	102	Muscatine	IA7052204	TNC	202200912	Failure to meet Certified Operator Requirement	04-Mar-22	Certified Operator Requirement	STA	AO w/ Penalty	8/2/2022
Newts Cafe	102	Muscatine	IA7052204	TNC	202201691	Failure to conduct Public Notice	18-Jun-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
North Corp Water	180	Marion	IA6377701	CWS	202300693	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	BCA Signed	1/31/2023
North End Mobile Home Park	40	Dubuque	IA3100609	CWS	202200986	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Northwood Waterworks	2072	Worth	IA9855077	CWS	202200795	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/9/2022
Oak Ridge Lake Estates	88	Johnson	IA5225302	CWS	202201733	Chlorine	30-Apr-22	Operations Report	RPT	NOV Issued	7/18/2022
Oak Ridge Lake Estates	88	Johnson	IA5225302	CWS	202202001	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Oak Ridge Lake Estates	88	Johnson	IA5225302	CWS	202300102	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2022
Oak Valley	100	Linn	IA5784311	CWS	202201953	Failure to conduct Public Notice	13-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
Oak Valley	100	Linn	IA5784311	CWS	202202011	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Oak Valley	100	Linn	IA5784311	CWS	202300113	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Oak Valley	100	Linn	IA5784311	CWS	202300114	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Oak Valley	100	Linn	IA5784311	CWS	202300441	Failure to conduct Public Notice	12-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Oak Valley	100	Linn	IA5784311	CWS	202300789	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/3/2023
Oaks Road Rural Subdivision	45	Appanoose	IA0497301	TNC	202201036	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	4/20/2022
Oaks Road Rural Subdivision	45	Appanoose	IA0497301	TNC	202201666	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	8/3/2022
Oaks Road Rural Subdivision	45	Appanoose	IA0497301	TNC	202300185	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/19/2022
Oaks Road Rural Subdivision	45	Appanoose	IA0497301	TNC	202300720	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/23/2023
Obies	64	Jackson	IA4938205	TNC	202200779	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2022
Obies	64	Jackson	IA4938205	TNC	202200879	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2022
Obies	64	Jackson	IA4938205	TNC	202200898	Failure to conduct Public Notice	20-Feb-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Obies	64	Jackson	IA4938205	TNC	202200992	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/5/2022
Obies	64	Jackson	IA4938205	TNC	202201826	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/10/2022
Obies	64	Jackson	IA4938205	TNC	202300651	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/7/2023
Odessa Dells	25	Louisa	IA5879827	TNC	202202153	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/29/2022
One More Mollys	50	Palo Alto	IA7414202	TNC	202300723	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/18/2023

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Onslow Water Supply	201	Jones	IA5358096	CWS	202300660	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/25/2023
Oran Tap & Cafe	51	Fayette	IA3357769	TNC	202200764	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/29/2022
Oran Tap & Cafe	51	Fayette	IA3357769	TNC	202200808	Failure to conduct Public Notice	23-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/3/2023
Oran Tap & Cafe	51	Fayette	IA3357769	TNC	202200878	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/29/2022
Oran Tap & Cafe	51	Fayette	IA3357769	TNC	202201161	Coliform bacteria	30-Apr-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/31/2022
Oran Tap & Cafe	51	Fayette	IA3357769	TNC	202201422	Chlorine	31-May-22	Operations Report	RPT	Compliance Achieved	8/23/2022
Oran Tap & Cafe	51	Fayette	IA3357769	TNC	202201511	Chlorine	30-Jun-22	Operations Report	RPT	Compliance Achieved	8/23/2022
Oran Tap & Cafe	51	Fayette	IA3357769	TNC	202201576	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/23/2022
Oran Tap & Cafe	51	Fayette	IA3357769	TNC	202201787	Chlorine	31-Jul-22	Operations Report	RPT	Compliance Achieved	8/23/2022
Orchard Water Works	68	Mitchell	IA6668001	CWS	202201605	Nitrite (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/25/2022
Osage Motel	25	Mitchell	IA6663829	TNC	202300671	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/19/2023
Otho Water Supply	429	Webster	IA9464008	CWS	202300216	Failure to conduct Public Notice	10-Sep-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/20/2022
Ottumwa Water Works	25529	Wapello	IA9083012	CWS	202201368	Total Haloacetic Acids (HAA5)	30-Apr-22	Monitoring (DBP), Routine Major	MON	NOV Issued	7/14/2022
Ottumwa Water Works	25529	Wapello	IA9083012	CWS	202201369	Total Trihalomethanes (TTHM)	30-Apr-22	Monitoring (DBP), Routine Major	MON	NOV Issued	7/14/2022
Outback Canoe Rental	27	Jones	IA5343402	TNC	202201988	Failure to complete Start-Up Procedures	31-May-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/4/2023
Palace Park Mhc	426	Webster	IA9433601	CWS	202300771	Chlorine	14-Dec-22	Record Keeping	RPT	Compliance Achieved	2/7/2023
Papas Paradise Campground	27	Louisa	IA5815801	TNC	202201242	Failure to conduct Public Notice	10-Apr-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/16/2023
Papas Paradise Campground	27	Louisa	IA5815801	TNC	202201376	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/27/2022
Papas Paradise Campground	27	Louisa	IA5815801	TNC	202300153	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/9/2022
Papas Paradise Campground	27	Louisa	IA5815801	TNC	202300218	Failure to conduct Public Notice	20-Sep-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/16/2023
Papas Paradise Campground	27	Louisa	IA5815801	TNC	202300389	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/9/2022
Papas Paradise Campground	27	Louisa	IA5815801	TNC	202300768	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	NOV Issued	2/1/2023
Pathway Christian School	75	Washington	IA9233501	NTNC	202201732	Chlorine	30-Jun-22	Operations Report	RPT	Compliance Achieved	10/10/2022
Pathway Christian School	75	Washington	IA9233501	NTNC	202300686	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/12/2023
Pattison Shop	34	Clayton	IA2234101	TNC	202300717	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/3/2023

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Paullina Municipal Water Supply	1152	O'Brien	IA7139032	CWS	202201356	Manganese	30-Apr-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/21/2022
Paullina Municipal Water Supply	1152	O'Brien	IA7139032	CWS	202201614	Manganese	31-May-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/21/2022
Paullina Municipal Water Supply	1152	O'Brien	IA7139032	CWS	202300827	Manganese	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2023
Peace Reformed Church	105	Hancock	IA4130802	TNC	202200776	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/15/2022
Peace Reformed Church	105	Hancock	IA4130802	TNC	202201398	Failure to conduct Public Notice	20-May-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/22/2022
Peace Reformed Church	105	Hancock	IA4130802	TNC	202202142	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2022
Pin Oak Pub & Links	100	Delaware	IA2839204	TNC	202201921	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/22/2022
Pine Creek Golf Course	55	Cerro Gordo	IA1750816	TNC	202201995	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/23/2023
Pine Creek Golf Course	55	Cerro Gordo	IA1750816	TNC	202300309	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/28/2023
Plymouth Water Supply	378	Cerro Gordo	IA1759048	CWS	202300780	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/17/2023
Poet Biorefining (Coon Rapids)	57	Guthrie	IA3907801	NTNC	202200565	Nitrate (as N)	31-Jan-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	7/12/2022
Poet Biorefining (Coon Rapids)	57	Guthrie	IA3907801	NTNC	202200834	Nitrate (as N)	28-Feb-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	7/12/2022
Poet Biorefining (Coon Rapids)	57	Guthrie	IA3907801	NTNC	202200915	Nitrate (as N)	31-Mar-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	7/12/2022
Prairie View Estates Assoc Johnson Cnty	155	Johnson	IA5225326	CWS	202300697	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/3/2023
Prestage Farms Inc	750	Wright	IA9926102	NTNC	202200734	Copper	30-Jun-22	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	2/7/2022
Preston Valley Golf	100	Jackson	IA4965201	TNC	202201379	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2022
Preston Valley Golf	100	Jackson	IA4965201	TNC	202300223	Failure to conduct Public Notice	20-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Prinsco Inc	95	Buchanan	IA1044101	NTNC	202201450	Nitrate (as N)	30-Jun-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	9/13/2022
Prinsco Inc	95	Buchanan	IA1044101	NTNC	202201703	Nitrate (as N)	31-Jul-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	9/13/2022
Prinsco Inc	95	Buchanan	IA1044101	NTNC	202202067	Nitrate (as N)	31-Aug-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	9/13/2022
Protivin Water Supply	269	Howard	IA4552063	CWS	202300648	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/15/2023
Pulaski Municipal Water Dept	264	Davis	IA2662064	CWS	202201557	Nitrite (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/18/2022
Quail Run Country Club	45	Pottawattamie	IA7853801	TNC	202201220	E. coli	25-Apr-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	5/17/2022
Quail Run Country Club	45	Pottawattamie	IA7853801	TNC	202201636	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/18/2022
Quail Run Country Club	45	Pottawattamie	IA7853801	TNC	202202202	Failure to conduct Public Notice	23-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/5/2022



Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Quakerdale	100	Hardin	IA4271901	CWS	202200667	Failure to conduct Public Notice	01-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2022
Quakerdale	100	Hardin	IA4271901	CWS	202300222	Failure to conduct Public Notice	01-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/20/2022
Quakerdale	100	Hardin	IA4271901	CWS	202300781	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/6/2023
Quality Water, Inc. #2 (K-L)	70	Dubuque	IA3126303	CWS	202200988	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
Ralston Water Treatment Plant	81	Carroll	IA1471069	CWS	202201094	E. coli	31-May-22	MCL, EC+ (RTCR)	MCL	Compliance Achieved	6/8/2022
Rapid Creek Ridge	70	Johnson	IA5225387	CWS	202201593	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/15/2022
Rapid Creek Ridge	70	Johnson	IA5225387	CWS	202300435	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/27/2022
Red Barn Resort And Campground Llc	71	Allamakee	IA0300617	TNC	202201132	Coliform bacteria	30-Apr-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/9/2022
Red Barn Resort And Campground Llc	71	Allamakee	IA0300617	TNC	202201798	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/17/2022
Regional Water	4132	Shelby	IA8300184	CWS	202201448	Failure to obtain construction permit	30-Jun-22	Construction Without Permit	STA	Compliance Achieved	7/7/2022
Rembrandt Water Supply	209	Buena Vista	IA1170078	CWS	202201977	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/23/2022
Renees Roadhouse	52	Johnson	IA5260202	TNC	202201047	Failure to conduct Public Notice	26-Mar-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2022
Renees Roadhouse	52	Johnson	IA5260202	TNC	202201652	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2022
Renees Roadhouse	52	Johnson	IA5260202	TNC	202201919	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2022
Renees Roadhouse	52	Johnson	IA5260202	TNC	202300399	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2022
Renees Roadhouse	52	Johnson	IA5260202	TNC	202300458	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Renees Roadhouse	52	Johnson	IA5260202	TNC	202300584	Failure to conduct Public Notice	22-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/28/2022
Renees Roadhouse	52	Johnson	IA5260202	TNC	202300709	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/31/2023
Responsible Transportation Llc	25	Keokuk	IA5475101	NTNC	202201238	Failure to conduct Public Notice	23-Apr-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/6/2022
Revelle 6Th & 7Th Addition	125	Scott	IA8215301	CWS	202201622	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/5/2022
Rhodys	84	Dubuque	IA3126203	TNC	202200987	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/28/2022
Rice Lake Golf & Country Club	100	Winnebago	IA9545202	TNC	202200794	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/7/2022
Rice Lake Golf & Country Club	100	Winnebago	IA9545202	TNC	202200901	Failure to conduct Public Notice	21-Feb-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2022
Rice Lake Golf & Country Club	100	Winnebago	IA9545202	TNC	202201011	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/14/2022
Rice Lake Golf & Country Club	100	Winnebago	IA9545202	TNC	202201371	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/14/2022

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Rice Lake Golf & Country Club	100	Winnebago	IA9545202	TNC	202201407	Failure to conduct Public Notice	20-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/1/2022
Rice Lake Golf & Country Club	100	Winnebago	IA9545202	TNC	202201899	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/23/2022
Rice Lake Golf & Country Club	100	Winnebago	IA9545202	TNC	202300386	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/13/2022
River Point Ridge Homeowners Assoc Inc	55	Jackson	IA4910301	CWS	202300419	E. coli	09-Oct-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	11/17/2022
RJ Thomas Manufacturing Co Inc	75	Cherokee	IA1811102	NTNC	202201659	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/11/2022
RJ Thomas Manufacturing Co Inc	75	Cherokee	IA1811102	NTNC	202201660	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/11/2022
Rocklyn Mhp	103	Polk	IA7780601	CWS	202201667	Total Trihalomethanes (TTHM)	31-May-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	8/25/2022
Rocklyn Mhp	103	Polk	IA7780601	CWS	202201668	Total Haloacetic Acids (HAA5)	31-May-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	8/25/2022
Rocky Nook Association, Inc.	50	Delaware	IA2817710	TNC	202202059	E. coli	31-Aug-22	MCL, EC+ (RTCR)	MCL	Compliance Achieved	9/27/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202200807	Failure to conduct Public Notice	23-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2021
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202201122	Chlorine	30-Apr-22	Operations Report	RPT	NOV Issued	5/12/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202201396	Failure to conduct Public Notice	25-May-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202201421	Chlorine	31-May-22	Operations Report	RPT	NOV Issued	6/13/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202201509	Chlorine	30-Jun-22	Operations Report	RPT	NOV Issued	7/14/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202201678	Failure to conduct Public Notice	15-Jun-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202201786	Chlorine	31-Jul-22	Operations Report	RPT	NOV Issued	8/11/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202201943	Failure to conduct Public Notice	14-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202202025	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	NOV Issued	8/18/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202202192	Failure to conduct Public Notice	17-Aug-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202202220	Chlorine	31-Aug-22	Operations Report	RPT	NOV Issued	9/20/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202300201	Failure to conduct Public Notice	17-Sep-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202300202	Failure to conduct Public Notice	21-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/20/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202300230	Chlorine	30-Sep-22	Operations Report	RPT	NOV Issued	10/11/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202300432	Failure to conduct Public Notice	15-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Rolling Knolls Golf Course	118	Dubuque	IA3130886	TNC	202300568	Failure to conduct Public Notice	18-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2022
Round Grove Golf & Country Club	87	Butler	IA1253805	TNC	202300301	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/14/2023

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Rowan Muni Water Supply	123	Wright	IA9958004	CWS	202300782	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/16/2023
Russell Water Supply	477	Lucas	IA5939009	CWS	202300368	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/17/2022
Ryan Water Supply	350	Delaware	IA2864013	CWS	202201124	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	5/16/2022
Ryan Water Supply	350	Delaware	IA2864013	CWS	202300325	Sodium	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/16/2022
Saddleback Ridge Golf Course	100	Johnson	IA5282201	TNC	202201032	Failure to complete Start-Up Procedures	31-Mar-22	Start-Up Procedures TT (RTCR)	TT	NOV Issued	8/18/2022
Sageville Elementary School	310	Dubuque	IA3126590	NTNC	202300328	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/3/2022
Saints Peter & Paul Lutheran Church	45	Jones	IA5343805	TNC	202200821	Failure to conduct Public Notice	24-Jan-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Saints Peter & Paul Lutheran Church	45	Jones	IA5343805	TNC	202201025	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/24/2022
Sanborn Water Supply	1392	O'Brien	IA7165025	CWS	202200860	Lead	30-Jun-22	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/28/2022
Scattergood Friends School	100	Cedar	IA1694562	NTNC	202202137	Total Trihalomethanes (TTHM)	31-Jul-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/6/2022
Scattergood Friends School	100	Cedar	IA1694562	NTNC	202202138	Total Haloacetic Acids (HAA5)	31-Jul-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/6/2022
Scenic View Campground	240	Allamakee	IA0385401	TNC	202300398	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/16/2022
Scooters	125	Jones	IA5307202	TNC	202200749	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	3/30/2022
Scooters	125	Jones	IA5307202	TNC	202201411	Failure to conduct Public Notice	21-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/6/2022
Scott Co Pk-Pine Grove	150	Scott	IA8251999	TNC	202202122	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/5/2022
Shelby Water Supply	727	Shelby	IA8369038	CWS	202200859	Failure to monitor WQP(Pb/Cu)	31-Jan-22	Monitoring WQP (Pb/Cu)	MON	Compliance Achieved	4/26/2022
Shops Above The Wapsi	65	Jones	IA5307802	TNC	202200996	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/29/2022
Shops Above The Wapsi	65	Jones	IA5307802	TNC	202201947	Failure to conduct Public Notice	25-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Shops Above The Wapsi	65	Jones	IA5307802	TNC	202300290	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	12/1/2022
Shops Above The Wapsi	65	Jones	IA5307802	TNC	202300418	E. coli	08-Oct-22	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	11/17/2022
Silvercrest Golf & Country Club, Inc.	88	Winneshiek	IA9630882	TNC	202201199	Coliform bacteria	30-Apr-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/29/2022
Silvercrest Golf & Country Club, Inc.	88	Winneshiek	IA9630882	TNC	202201372	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/31/2022
Silvercrest Golf & Country Club, Inc.	88	Winneshiek	IA9630882	TNC	202201632	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/15/2022
Silvercrest Golf & Country Club, Inc.	88	Winneshiek	IA9630882	TNC	202201900	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/15/2022
Silvercrest Golf & Country Club, Inc.	88	Winneshiek	IA9630882	TNC	202202200	Failure to conduct Public Notice	23-Aug-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/5/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Slater Muni Water Dept	1548	Story	IA8580057	CWS	202300236	Nitrite (as N)	31-Dec-22	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	10/20/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202200892	Nitrate (as N)	28-Feb-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/20/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202201018	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/20/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202201046	Failure to conduct Public Notice	20-Mar-22	Public Notice Rule Linked to Violation	PN	NOV Issued	4/19/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202201378	Nitrate (as N)	31-May-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/29/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202201687	Failure to conduct Public Notice	21-Jun-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/19/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202201904	Nitrate (as N)	31-Jul-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/21/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202201960	Failure to conduct Public Notice	23-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202202169	Nitrate (as N)	31-Aug-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/21/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202300220	Failure to conduct Public Notice	24-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202300552	Nitrate (as N)	30-Nov-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/2/2023
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202300578	Failure to conduct Public Notice	21-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/16/2022
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202300692	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/2/2023
Smalls Fruit Farm Inc	26	Harrison	IA4349801	TNC	202300739	Failure to conduct Public Notice	20-Dec-22	Public Notice Rule Linked to Violation	PN	NOV Issued	1/26/2023
Smith Lake Park	55	Kossuth	IA5510901	TNC	202201993	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/22/2022
Solon Water Dept	3018	Johnson	IA5282062	CWS	202201734	Chlorine	31-May-22	Operations Report	RPT	Compliance Achieved	10/10/2022
Some Place Bar & Grill	30	Clayton	IA2268785	TNC	202201424	Chlorine	31-May-22	Operations Report	RPT	Compliance Achieved	8/1/2022
Southdale Home Owners Assn	70	Kossuth	IA5500822	CWS	202200997	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/12/2022
Southdale Home Owners Assn	70	Kossuth	IA5500822	CWS	202200998	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/28/2022
Southfork Association	28	Benton	IA0690306	CWS	202201084	Failure to issue Lead Consumer Notice	31-Mar-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	4/21/2022
Southfork Association	28	Benton	IA0690306	CWS	202202023	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/29/2022
Spirit Lake Waterworks	5960	Dickinson	IA3070078	CWS	202300287	Failure to maintain Res Disinfect Concentration	09-Oct-22	Res Disinfect Concentration (SWTR)	TT	Compliance Achieved	11/21/2022
Spook Cave And Campground	118	Clayton	IA2258443	TNC	202201232	Failure to conduct Public Notice	23-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2022
Spook Cave And Campground	118	Clayton	IA2258443	TNC	202202012	E. coli	31-Aug-22	MCL, EC+ (RTCR)	MCL	Compliance Achieved	9/13/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Sportsmens Club (Rossville)	45	Allamakee	IA0385201	TNC	202201123	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	8/10/2022
Sportsmens Club (Rossville)	45	Allamakee	IA0385201	TNC	202201510	Chlorine	30-Jun-22	Operations Report	RPT	Compliance Achieved	8/10/2022
Spring Lake Campground	25	Des Moines	IA2909461	TNC	202201337	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/27/2022
Spring Lake Campground	25	Des Moines	IA2909461	TNC	202201338	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/27/2022
Spring Lake Campground	25	Des Moines	IA2909461	TNC	202201339	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/27/2022
Spring Valley Bible Camp	80	Muscatine	IA7048438	TNC	202201001	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/4/2022
Spring Valley Park	180	Dubuque	IA3100606	CWS	202201340	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2022
Spruce Creek Park # 5	43	Jackson	IA4910404	TNC	202201205	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/21/2022
Ssab Iowa Inc	760	Muscatine	IA7038101	NTNC	202202167	Total Trihalomethanes (TTHM)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/29/2022
Ssab Iowa Inc	760	Muscatine	IA7038101	NTNC	202202168	Total Haloacetic Acids (HAA5)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/29/2022
St Anns Catholic Church	200	Scott	IA8251801	TNC	202201020	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2022
St Anns Catholic Church	200	Scott	IA8251801	TNC	202201219	E. coli	18-Apr-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	5/31/2022
St Johns Lutheran Church	157	Jones	IA5343815	NTNC	202201351	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/14/2022
St Johns Lutheran Church	157	Jones	IA5343815	NTNC	202201352	Nitrate (as N)	31-May-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/14/2022
St Josephs Parish	76	Dubuque	IA3126594	NTNC	202300644	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/12/2023
St. John Luth. Church (Mineola)	25	Mills	IA6549801	TNC	202300670	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/23/2023
Stanhope Water Department	364	Hamilton	IA4045090	CWS	202300205	Failure to conduct Public Notice	01-Oct-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/8/2022
Stanhope Water Department	364	Hamilton	IA4045090	CWS	202300783	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/6/2023
Stanton Water Supply	678	Montgomery	IA6965091	CWS	202200689	Failure to issue Lead Consumer Notice	27-Jan-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/27/2022
Star Water	92	Dubuque	IA3126316	CWS	202201918	Sodium	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/20/2022
Starmont Community School District	742	Clayton	IA3307571	NTNC	202201344	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/20/2022
Starmont Community School District	742	Clayton	IA3307571	NTNC	202202065	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	NOV Issued	8/18/2022
Starmont Community School District	742	Clayton	IA3307571	NTNC	202300203	Failure to conduct Public Notice	21-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/20/2022
Starmont Community School District	742	Clayton	IA3307571	NTNC	202300204	Failure to conduct Public Notice	26-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/20/2022
Stone City General Store Pub	108	Jones	IA5307201	TNC	202202151	Coliform bacteria	31-Aug-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/8/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Story City Water Dept	3352	Story	IA8584000	CWS	202200889	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/22/2022
Sunnyside Village Mhp Llc	190	Harrison	IA4300600	CWS	202201981	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Sunnyside Village Mhp Llc	190	Harrison	IA4300600	CWS	202300784	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/6/2023
Swartzrock Implement Co Inc	37	Floyd	IA3405201	TNC	202201661	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/27/2022
Swisher 380Bp	258	Johnson	IA5285201	TNC	202200852	Chlorine	31-Jan-22	Operations Report	RPT	Compliance Achieved	1/3/2023
Swisher 380Bp	258	Johnson	IA5285201	TNC	202202047	Chlorine	30-Jun-22	Operations Report	RPT	Compliance Achieved	1/3/2023
Table Mound Park	406	Dubuque	IA3100600	CWS	202300805	Copper	31-Dec-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2023
Table Mound Park	406	Dubuque	IA3100600	CWS	202300806	Lead	31-Dec-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2023
Table Mound Park	406	Dubuque	IA3100600	CWS	202300807	Copper	31-Dec-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2023
Table Mound Park	406	Dubuque	IA3100600	CWS	202300808	Lead	31-Dec-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2023
Tama Water Supply	3130	Tama	IA8670013	CWS	202201628	Perfluorooctanoic Acid (PFOA)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2022
Tama Water Supply	3130	Tama	IA8670013	CWS	202201630	Perfluorooctane Sulfonic Acid (PFOS)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2022
Tama Water Supply	3130	Tama	IA8670013	CWS	202201897	Manganese	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/25/2022
Tasc Inc.	70	Allamakee	IA0398801	NTNC	202201224	E. coli	30-Apr-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	5/31/2022
Teddys Barn And Grill	100	Jones	IA5307203	TNC	202300495	Failure to conduct Level 1 Assessment	31-Dec-22	Level 1 Assessment, Multiple TC+ (RTCR)	TT	NOV Issued	2/17/2023
Terrace Heights	548	Dubuque	IA3126604	CWS	202300171	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Terrace Heights	548	Dubuque	IA3126604	CWS	202300172	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Terry Water Association	25	Benton	IA0690304	CWS	202202024	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/29/2022
The Balk Tank	25	Chickasaw	IA1957201	TNC	202200975	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/5/2022
The Balk Tank	25	Chickasaw	IA1957201	TNC	202200976	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/5/2022
The Learning Journey	85	Pottawattamie	IA7820502	NTNC	202201693	Failure to conduct Public Notice	04-Jun-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/24/2022
The Learning Journey	85	Pottawattamie	IA7820502	NTNC	202201694	Failure to conduct Public Notice	01-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/14/2022
The Meadows	35	Johnson	IA5225321	CWS	202201963	Failure to conduct Public Notice	25-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/27/2022
Three Fingers Campground	252	Winnebago	IA9525401	TNC	202201386	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/8/2022

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Timber Ridge	225	Benton	IA0600600	CWS	202202022	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	BCA Signed	2/28/2023
Timberlane Addition	48	Webster	IA9433336	CWS	202201045	Failure to conduct Public Notice	01-Apr-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/31/2022
Timberlane Addition	48	Webster	IA9433336	CWS	202300215	Failure to conduct Public Notice	01-Oct-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/24/2023
Timberline Estates, Ltd.	712	Des Moines	IA2900626	CWS	202201395	Failure to conduct Public Notice	25-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/14/2022
Timberline Golf Course Inc.	130	Dubuque	IA3126883	TNC	202201820	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/1/2022
Timberline Golf Course Inc.	130	Dubuque	IA3126883	TNC	202300528	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/20/2022
Timberline Golf Course Inc.	130	Dubuque	IA3126883	TNC	202300567	Failure to conduct Public Notice	21-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2022
Town Clock	158	Dubuque	IA3122201	TNC	202201111	E. coli	31-May-22	MCL, EC+ (RTCR)	MCL	BCA Signed	2/28/2023
Town Clock	158	Dubuque	IA3122201	TNC	202201251	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2022
Town Clock	158	Dubuque	IA3122201	TNC	202201252	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2022
Town Clock	158	Dubuque	IA3122201	TNC	202201253	Failure to conduct Public Notice	24-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2022
Town Clock	158	Dubuque	IA3122201	TNC	202201412	Failure to conduct Public Notice	15-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	6/20/2022
Town Clock	158	Dubuque	IA3122201	TNC	202201412	Failure to conduct Public Notice	15-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	6/20/2022
Town Clock	158	Dubuque	IA3122201	TNC	202300177	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/13/2022
Town Clock	158	Dubuque	IA3122201	TNC	202300494	Nitrate (as N)	31-Dec-22	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
Traer Golf & Country Club	42	Tama	IA8681200	TNC	202200792	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/24/2022
Triple Play Llc	400	Linn	IA5715204	TNC	202201203	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/27/2022
Triple Play Llc	400	Linn	IA5715204	TNC	202201240	Failure to conduct Public Notice	23-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2022
Triple Play Llc	400	Linn	IA5715204	TNC	202201241	Failure to conduct Public Notice	23-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2022
Truro Waterworks	509	Madison	IA6167036	CWS	202200783	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/2/2022
Truro Waterworks	509	Madison	IA6167036	CWS	202200861	Chlorine	31-Jan-22	Operations Report	RPT	Compliance Achieved	2/10/2022
Turf Masters Lawn & Landscape	40	Johnson	IA5225208	TNC	202201023	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/18/2022
Turf Masters Lawn & Landscape	40	Johnson	IA5225208	TNC	202300706	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/20/2023
Tuttle Lake-Emmet Conservation	75	Emmet	IA3218902	TNC	202201822	Manganese	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/7/2022
Twin Knolls Fourth/Fifth Addition	90	Linn	IA5784326	CWS	202201117	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	6/13/2022

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Twin Knolls Fourth/Fifth Addition	90	Linn	IA5784326	CWS	202201958	Failure to conduct Public Notice	13-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
Twin Knolls Fourth/Fifth Addition	90	Linn	IA5784326	CWS	202202021	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Twin Knolls Fourth/Fifth Addition	90	Linn	IA5784326	CWS	202300123	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Twin Knolls Fourth/Fifth Addition	90	Linn	IA5784326	CWS	202300124	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Twin Knolls Fourth/Fifth Addition	90	Linn	IA5784326	CWS	202300446	Failure to conduct Public Notice	12-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Twin Lakes Utilities	300	Calhoun	IA1300101	CWS	202201061	Failure to issue Lead Consumer Notice	31-Mar-22	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	4/29/2022
Twin Valley Lakes Improvement Assn	100	Johnson	IA5200861	CWS	202202106	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/12/2022
Twisters Gymnastics Inc	82	Linn	IA5715214	TNC	202201249	Failure to conduct Public Notice	23-Apr-22	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2022
Under The Stars At Chimney Rock Cg Llc	33	Winneshiek	IA9606201	TNC	202201387	Failure to complete Start-Up Procedures	31-May-22	Start-Up Procedures TT (RTRC)	TT	Compliance Achieved	5/9/2022
Under The Stars At Chimney Rock Cg Llc	33	Winneshiek	IA9606201	TNC	202300555	Coliform bacteria	30-Nov-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	1/10/2023
Under The Stars At Chimney Rock Cg Llc	33	Winneshiek	IA9606201	TNC	202300711	Coliform bacteria	31-Dec-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	1/10/2023
Us Nameplate Company Inc	40	Linn	IA5758101	NTNC	202201221	E. coli	03-Apr-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	5/12/2022
Us Nameplate Company Inc	40	Linn	IA5758101	NTNC	202201391	E. coli	08-May-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	6/23/2022
Us Nameplate Company Inc	40	Linn	IA5758101	NTNC	202202199	Failure to conduct Public Notice	23-Aug-22	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2022
Us Nameplate Company Inc	40	Linn	IA5758101	NTNC	202300108	Coliform bacteria	30-Sep-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	10/21/2022
Us Nameplate Company Inc	40	Linn	IA5758101	NTNC	202300212	Failure to conduct Public Notice	26-Sep-22	Public Notice Rule Linked to Violation	PN	NOV Issued	10/20/2022
Us Nameplate Company Inc	40	Linn	IA5758101	NTNC	202300364	E. coli	31-Oct-22	Monitoring (GWR) AS, Major	MON	Compliance Achieved	12/28/2022
Us Nameplate Company Inc	40	Linn	IA5758101	NTNC	202300543	E. coli	30-Nov-22	Monitoring (GWR) AS, Major	MON	Compliance Achieved	12/28/2022
Ute Water Supply	338	Monona	IA6762043	CWS	202300785	Failure to issue Lead Consumer Notice	31-Dec-22	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/6/2023
Valley View Water Association	65	Harrison	IA4300601	CWS	202202143	Total Haloacetic Acids (HAA5)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/20/2022
Valley View Water Association	65	Harrison	IA4300601	CWS	202202144	Total Trihalomethanes (TTHM)	31-Jul-22	Monitoring (DBP), Routine Major	MON	NOV Issued	9/20/2022
Van Wall Equipment (Mason City)	34	Cerro Gordo	IA1750205	TNC	202300173	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/26/2022
Ventura Water Works	711	Cerro Gordo	IA1785032	CWS	202300522	Coliform bacteria	30-Nov-22	Monitoring (RTRC), Routine Major	MON	Compliance Achieved	12/5/2022



Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Vern Acres (Olipphant Addition)	150	Linn	IA5784303	CWS	202201116	Chlorine	30-Apr-22	Operations Report	RPT	Compliance Achieved	6/13/2022
Vern Acres (Olipphant Addition)	150	Linn	IA5784303	CWS	202201950	Failure to conduct Public Notice	13-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2022
Vern Acres (Olipphant Addition)	150	Linn	IA5784303	CWS	202202008	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/18/2022
Vern Acres (Olipphant Addition)	150	Linn	IA5784303	CWS	202300109	Total Haloacetic Acids (HAA5)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Vern Acres (Olipphant Addition)	150	Linn	IA5784303	CWS	202300110	Total Trihalomethanes (TTHM)	31-Aug-22	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2022
Vern Acres (Olipphant Addition)	150	Linn	IA5784303	CWS	202300438	Failure to conduct Public Notice	12-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Victor Municipal Water Dept	875	Iowa	IA4875050	CWS	202200990	Nitrite (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/4/2022
Victor Municipal Water Dept	875	Iowa	IA4875050	CWS	202200991	Nitrite (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/4/2022
Victor Municipal Water Dept	875	Iowa	IA4875050	CWS	202201944	Failure to conduct Public Notice	25-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/1/2022
Victor Municipal Water Dept	875	Iowa	IA4875050	CWS	202201945	Failure to conduct Public Notice	25-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/1/2022
Victor Municipal Water Dept	875	Iowa	IA4875050	CWS	202202003	Failure to issue Consumer Confidence Report	01-Jul-22	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/26/2022
Victor Municipal Water Dept	875	Iowa	IA4875050	CWS	202300534	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/6/2022
Village Creek Bible Camp	166	Allamakee	IA0345481	TNC	202200846	Chlorine	31-Jan-22	Operations Report	RPT	Compliance Achieved	3/1/2022
Village Creek Bible Camp	166	Allamakee	IA0345481	TNC	202201048	Chlorine	31-Mar-22	Operations Report	RPT	Compliance Achieved	5/6/2022
Village Creek Bible Camp	166	Allamakee	IA0345481	TNC	202201423	Chlorine	31-May-22	Operations Report	RPT	Compliance Achieved	8/11/2022
Village Creek Bible Camp	166	Allamakee	IA0345481	TNC	202201535	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/26/2022
Village Creek Bible Camp	166	Allamakee	IA0345481	TNC	202300061	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/25/2022
Village Creek Bible Camp	166	Allamakee	IA0345481	TNC	202300193	Failure to conduct Public Notice	16-Sep-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2022
Village Creek Bible Camp	166	Allamakee	IA0345481	TNC	202300629	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2023
Wabash Greenhouse	42	Pottawattamie	IA7820207	NTNC	202300407	Copper	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/2/2022
Wabash Greenhouse	42	Pottawattamie	IA7820207	NTNC	202300408	Lead	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/2/2022
Wabash Greenhouse	42	Pottawattamie	IA7820207	NTNC	202300409	Copper	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/2/2022
Wabash Greenhouse	42	Pottawattamie	IA7820207	NTNC	202300410	Lead	30-Sep-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/2/2022
Walker Homestead Farm And Winery	101	Johnson	IA5225214	TNC	202201392	E. coli	14-May-22	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/2/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Walker Homestead Farm And Winery	101	Johnson	IA5225214	TNC	202201925	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/2/2022
Wapsi Oaks Country Club	60	Clinton	IA2320850	TNC	202300428	Failure to conduct Public Notice	25-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2022
Wapsipinicon Country Club	85	Jones	IA5307200	TNC	202201596	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/12/2022
Wapsipinicon Country Club	85	Jones	IA5307200	TNC	202300358	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/6/2022
Wapsipinicon Country Club	85	Jones	IA5307200	TNC	202300539	Coliform bacteria	30-Nov-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/6/2022
Warehouse Specialist Llc	25	Mills	IA6525101	TNC	202201034	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/28/2022
Warehouse Specialist Llc	25	Mills	IA6525101	TNC	202201218	Manganese	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2022
Warehouse Specialist Llc	25	Mills	IA6525101	TNC	202201665	Coliform bacteria	30-Jun-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/27/2022
Warehouse Specialist Llc	25	Mills	IA6525101	TNC	202201966	Failure to conduct Public Notice	24-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/6/2023
Warehouse Specialist Llc	25	Mills	IA6525101	TNC	202300181	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/23/2023
Warehouse Specialist Llc	25	Mills	IA6525101	TNC	202300414	Coliform bacteria	31-Oct-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/28/2022
Warehouse Specialist Llc	25	Mills	IA6525101	TNC	202300415	Manganese	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2022
Warehouse Specialist Llc	25	Mills	IA6525101	TNC	202300588	Failure to conduct Public Notice	07-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/6/2023
Warehouse Specialist Llc	25	Mills	IA6525101	TNC	202300588	Failure to conduct Public Notice	07-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	3/6/2023
Washington Prairie Lutheran Church	124	Winneshiek	IA9630809	TNC	202200890	Coliform bacteria	28-Feb-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/2/2022
Waubonsie St Pk (Bridle Trail)	66	Fremont	IA3600918	TNC	202201397	Failure to conduct Public Notice	06-May-22	Public Notice Rule Linked to Violation	PN	NOV Issued	7/14/2022
Waverly Water Department	10394	Bremer	IA0990085	CWS	202200968	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/22/2022
Waverly Water Department	10394	Bremer	IA0990085	CWS	202200969	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/22/2022
Waverly Water Department	10394	Bremer	IA0990085	CWS	202200970	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/22/2022
Waverly Water Department	10394	Bremer	IA0990085	CWS	202200971	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/22/2022
Waverly Water Department	10394	Bremer	IA0990085	CWS	202201329	Nitrate (as N)	31-May-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/9/2022
Wendram Bluff Homes Water System	68	Johnson	IA5225306	CWS	202300103	Coliform bacteria	30-Sep-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2022
West Branch Mhp	400	Cedar	IA1600682	CWS	202300802	Copper	31-Dec-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/17/2023
West Branch Mhp	400	Cedar	IA1600682	CWS	202300803	Lead	31-Dec-22	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/17/2023
West Point Muni Water System	921	Lee	IA5691012	CWS	202300666	Coliform bacteria	31-Dec-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/10/2023

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Westfair	238	Pottawattamie	IA7820401	TNC	202300769	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	NOV Issued	2/1/2023
White Springs Supper Club	70	Clayton	IA2258788	TNC	202200982	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/11/2023
White Springs Supper Club	70	Clayton	IA2258788	TNC	202200983	Coliform bacteria	31-Mar-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/26/2022
White Springs Supper Club	70	Clayton	IA2258788	TNC	202201803	Coliform bacteria	31-Jul-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/10/2022
White Springs Supper Club	70	Clayton	IA2258788	TNC	202201941	Failure to conduct Public Notice	25-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/16/2022
White Springs Supper Club	70	Clayton	IA2258788	TNC	202201942	Failure to conduct Public Notice	25-Jul-22	Public Notice Rule Linked to Violation	PN	NOV Issued	8/16/2022
White Springs Supper Club	70	Clayton	IA2258788	TNC	202300564	Failure to conduct Public Notice	21-Nov-22	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2022
Wild Cat Den Park Well 2	60	Muscatine	IA7048952	TNC	202201355	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/28/2022
Wild Cat Den Park Well 2	60	Muscatine	IA7048952	TNC	202201613	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2022
Wild Cat Den Park Well 2	60	Muscatine	IA7048952	TNC	202201980	Failure to complete Start-Up Procedures	31-May-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/9/2022
Wild Cat Den State Park Well-1	40	Muscatine	IA7048951	TNC	202201354	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/28/2022
Wild Cat Den State Park Well-1	40	Muscatine	IA7048951	TNC	202201612	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2022
Wild Cat Den State Pk-Fairport Station	100	Muscatine	IA7048477	TNC	202201353	Coliform bacteria	31-May-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2022
Wild Cat Den State Pk-Fairport Station	100	Muscatine	IA7048477	TNC	202201611	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2022
Wild Cat Den State Pk-Fairport Station	100	Muscatine	IA7048477	TNC	202201985	Failure to complete Start-Up Procedures	31-May-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/9/2022
Wildwood Acres Association	100	Jones	IA5377401	TNC	202200802	Coliform bacteria	31-Jan-22	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/15/2022
Wilkinson Pioneer Park	27	Cerro Gordo	IA1769927	TNC	202201489	E. coli	31-Jul-22	MCL, EC+ (RTCR)	MCL	Compliance Achieved	8/22/2022
Williams Water Supply	307	Hamilton	IA4070022	CWS	202201577	Total Trihalomethanes (TTHM)	31-May-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	8/9/2022
Williams Water Supply	307	Hamilton	IA4070022	CWS	202201578	Total Haloacetic Acids (HAA5)	31-May-22	Monitoring (DBP), Routine Major	MON	Compliance Achieved	8/9/2022
Windmill Ridge Campground	27	Washington	IA9233201	TNC	202201210	Failure to complete Start-Up Procedures	30-Apr-22	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/19/2022
Windmill Ridge Campground	27	Washington	IA9233201	TNC	202300158	Nitrate (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/20/2022
Wings	46	Allamakee	IA0315707	TNC	202201054	Nitrate (as N)	30-Jun-22	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/17/2022
Wings	46	Allamakee	IA0315707	TNC	202201534	Nitrate (as N)	30-Jun-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/20/2022
Wiota Water Works	91	Cass	IA1570032	CWS	202300247	Failure to issue Consumer Confidence Report	31-Jul-22	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/30/2022

Name of Public Water Supply	Minimum Population	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
Woodland Camp Property Owners	1037	Harrison	IA4375401	TNC	202300206	Failure to conduct Public Notice	01-Oct-22	Public Notice Rule Linked to Violation	PN	NOV Issued	11/8/2022
Woodward Water Supply	1346	Dallas	IA2576036	CWS	202201488	Arsenic	30-Sep-22	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	7/12/2022
Word Of Faith Dominion Church	81	Winnebago	IA9545801	TNC	202300710	Nitrate (as N)	31-Dec-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/30/2023
Xenia Rwd (North)	5980	Webster	IA9425701	CWS	202300394	Manganese	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/18/2022
Yetter Municipal Water Supply	25	Calhoun	IA1393001	NTNC	202300070	Nitrite (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/9/2023
Yetter Municipal Water Supply	25	Calhoun	IA1393001	NTNC	202300302	Manganese	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/1/2022
Yetter Municipal Water Supply	25	Calhoun	IA1393001	NTNC	202300303	Nitrogen-Ammonia (as N)	30-Sep-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/9/2023
YMJ LLC	30	Dubuque	IA3126214	TNC	202201035	Nitrate (as N)	31-Mar-22	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/19/2022
YMJ LLC	30	Dubuque	IA3126214	TNC	202201967	Failure to conduct Public Notice	25-Jul-22	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/19/2022

## Appendix C: WIIN Lead Testing in School and Child Care Program Drinking Water Grant

The Environmental Protection Agency (EPA) Water Infrastructure Improvements for the Nation (WIIN) grant awarded the Iowa Department of Education funds to support public schools and child care centers in voluntary testing of drinking water for lead. This grant program is designed to reduce lead exposure for children, who are most vulnerable, at schools and child care programs. Grant funding will be used to supplement and enhance existing resources.

The WIIN Lead Testing in School and Child Care Program Drinking Water Grants provide an opportunity for schools and child care programs to bring awareness to water quality through voluntary testing, communication, and education. Public schools and child care programs who participate in the grant will receive access to training and technical assistance to implement the grant as well as additional educational resources for completing grant activities. The priority areas of this grant funding include facilities within low-income areas, facilities with children six years of age or under and facilities built in 1985 or prior to the National Primary Drinking Water Regulations. Grant dollars can be used for the implementation of testing water for lead, retesting of structures if lead levels are above the state and federal action levels and additional education resources. Applications for voluntary participation from public schools and childcare programs are being accepted on a rolling basis while grant funding is available. To learn more and apply to participate visit the [WIIN Lead Testing In School and Child Care Program Drinking Water Grant](#) webpage at [educateiowa.gov](http://educateiowa.gov).

Below are the WIIN program testing results from March 1, 2022 to March 31, 2023.

Site/Organization	Number of Buildings Tested	Results over the action level/ total tests	Student Population #	Remediation/Notes
Northeast Iowa Community Action	10	0/40	233	
Mid-Iowa Community Action	7	0/28	232	
New Opportunities, Inc. Head Start	4	0/16	172	
Sieda Community Action Head Start	10	2/40	315	Action level found in new building. Remediation strategies put in place.
Green Mountain - Garwin Community Schools	2	1/20	511	Remediation strategy put in place.
Des Moines Public Schools	14	3/319	5818	Remediation strategy put in place.
Cedar Rapids Community Schools	4	0/40	2873	