

State of Iowa  
Public Drinking Water Program  
2021 Annual Compliance Report



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

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Iowa Department of Natural Resources  
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## Table of Contents

Introduction .....	1
The 2021 Report Highlights .....	1
Compliance with Health-Based Standards .....	1
Compliance with Monitoring & Reporting Requirements.....	2
The National Public Drinking Water Program: An Overview .....	4
The Iowa DNR Drinking Water Program Components.....	5
On-Site Inspection .....	5
Operation Permitting.....	5
Construction Permitting .....	6
Water Allocation and Use Permitting.....	6
Drinking Water Operator Certification.....	6
Environmental Laboratory Certification.....	6
Drinking Water State Revolving Loan Program (DWSRF).....	6
Iowa’s Public Water Supply Systems .....	7
Definition of a Public Water Supply System (PWS) .....	7
Public Water Supply Systems in Iowa.....	7
Maximum Contaminant Levels (MCLs) and Maximum Residual Disinfectant Levels (MRDLs).....	10
Contaminants posing an immediate risk to human health (“acute”) .....	10
Contaminants posing a long-term risk to human health (“chronic” or “non-acute”).....	12
Action Level and Treatment Technique Requirements .....	13
Action Level (AL) Requirements .....	14
Treatment Technique Requirements (TT) .....	14
Violation Data for Health-based Standards: MCL, MRDL, AL, and TT.....	17
Major Monitoring and Reporting (M/R) Violation Data .....	22
Monitoring & Reporting Compliance Rates: 2012 - 2021 .....	23
Enforcement Actions.....	24
Variances and Exemptions.....	24
Public Notification, Lead Public Education, and Consumer Confidence Report-567 IAC Chapter 42 .....	24
Operator Certification-567 IAC Chapter 81 .....	26
Classification of Systems and Facilities.....	26
Classification Grades for Operator Certification .....	27
Enforcement .....	28
Certification Renewal .....	28
Abbreviations .....	29
Distribution of this Report .....	30
Appendix A: EPA Violations Summary Report .....	A-1
Appendix B: Iowa Public Water Supply Violation Data .....	B-1
Appendix C: WIIN Lead Testing in School and Child Care Program Drinking Water Grant .....	C-1

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 2021 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 2021 Report Highlights

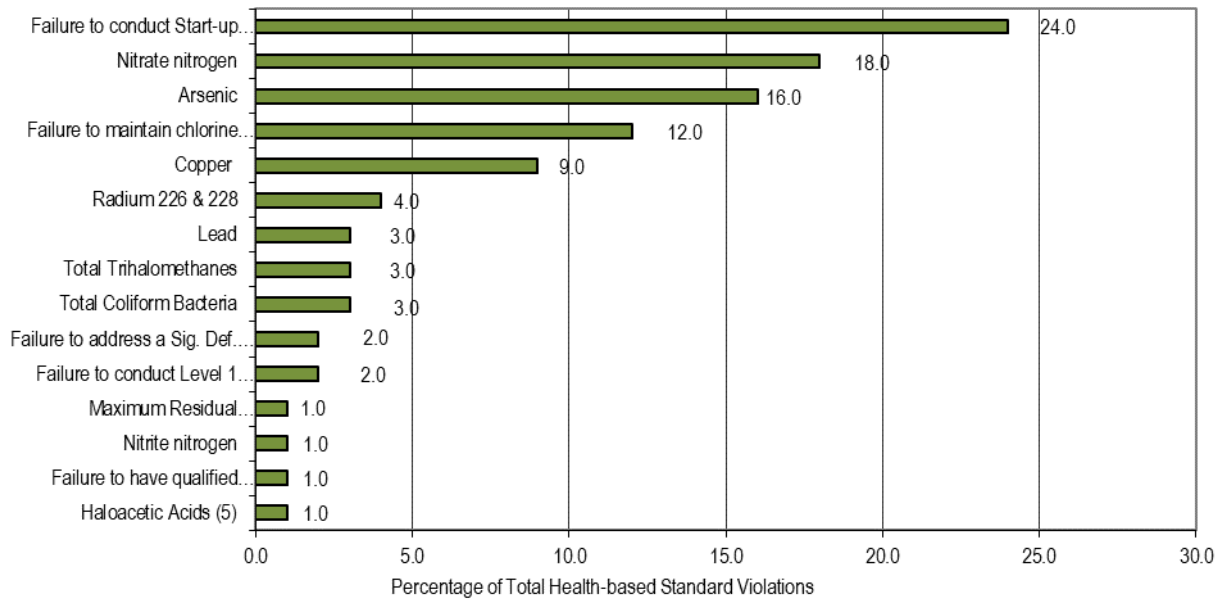
The COVID-19 pandemic was still prevalent during calendar year 2021, which curtailed many activities but did not adversely affect the ability of Iowa systems to provide safe drinking water. Iowa's inventory of public water supply systems was 1,842, a slight decrease from 2020. The percentage of systems in compliance with all health-based standards in 2021 was 96.2%, while the percentage of population served by systems compliant with all health-based standards was 99.3%, which was the best in the ten-year period. Major monitoring and reporting requirements were met by 82.1% of systems. The percentage of population served by systems in compliance with the major monitoring and reporting requirements at 96.4% was the best in the ten-year history.

### Compliance with Health-Based Standards

- No waterborne diseases or deaths were reported from Iowa public water supply systems (PWS) in 2021.
- Over 3.04 million people (of the 3.06M people served by Iowa's PWS) regularly received water from systems meeting all health-based drinking water standards.

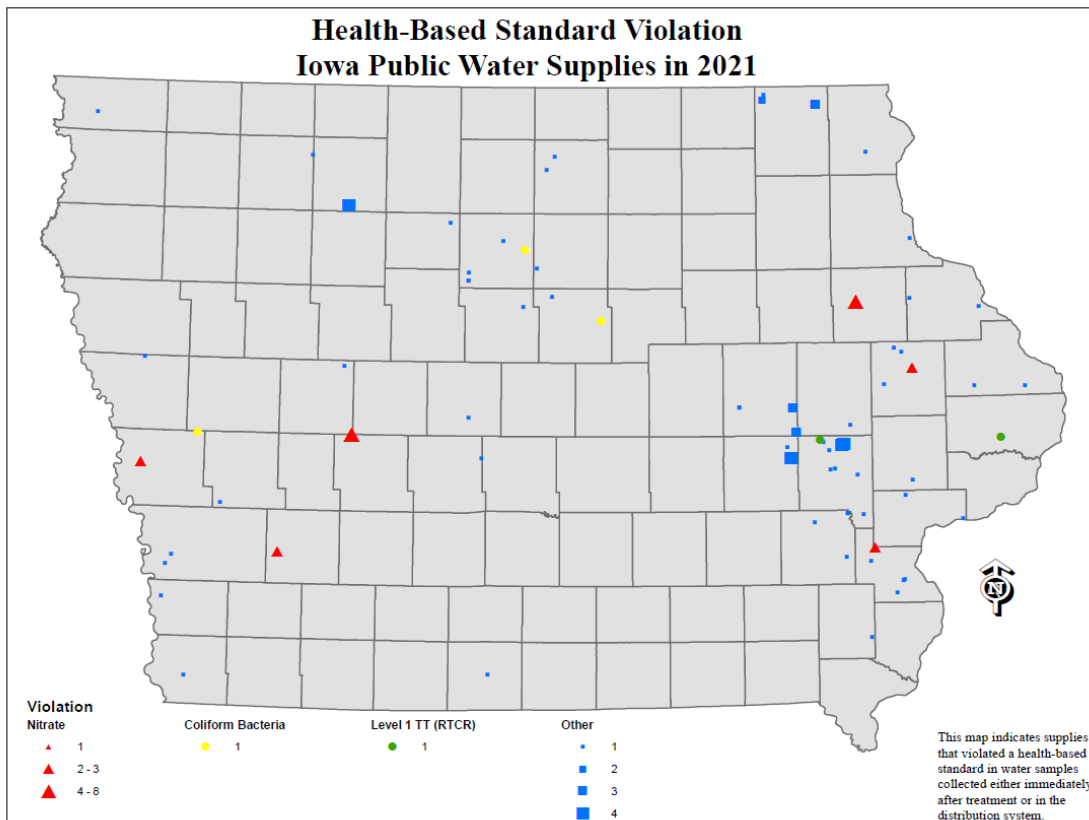


- Health-based drinking water standards were met by 96.2% of the 1,842 regulated public water supplies. There were 70 public water supplies that had 107 violations of a health-based drinking water standards, maximum residual disinfectant level, treatment technique, or action level.
- Nine regulated contaminants were found at levels that exceeded the health-based standards during 2021, and six 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



### 2021 Health-based Standard Violations Map

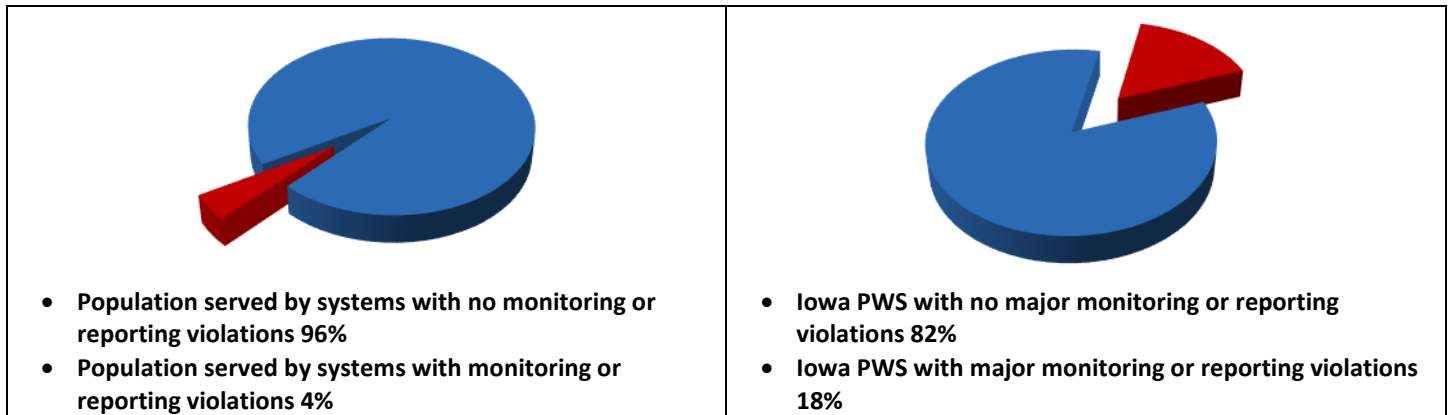
The map depicts the health-based standard violations that occurred in 2021 at Iowa’s PWS, with the number of violations denoted by size of the marker. Three common violations are shown separately; the remaining violations are grouped together as “other.”



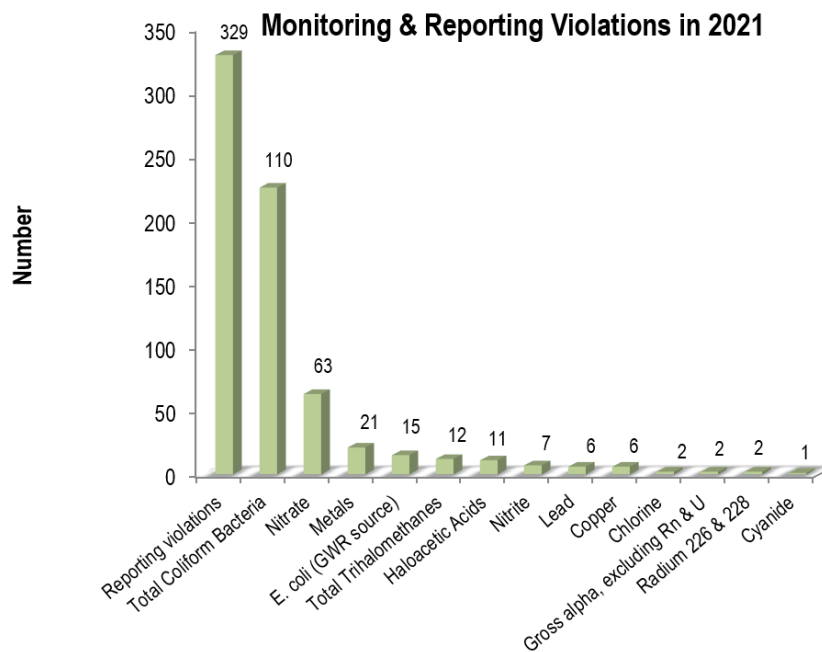
### Compliance with Monitoring & Reporting Requirements

- A major monitoring violation is incurred when a required sample is not collected for a specific contaminant.
- Over 2.94 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 82.1% of the 1,842 regulated public water supply systems.
  - There were 373 major monitoring violations in 2021 at 224 systems.
  - At least one reporting violation was incurred by 165 systems, for a total of 329 reporting violations.

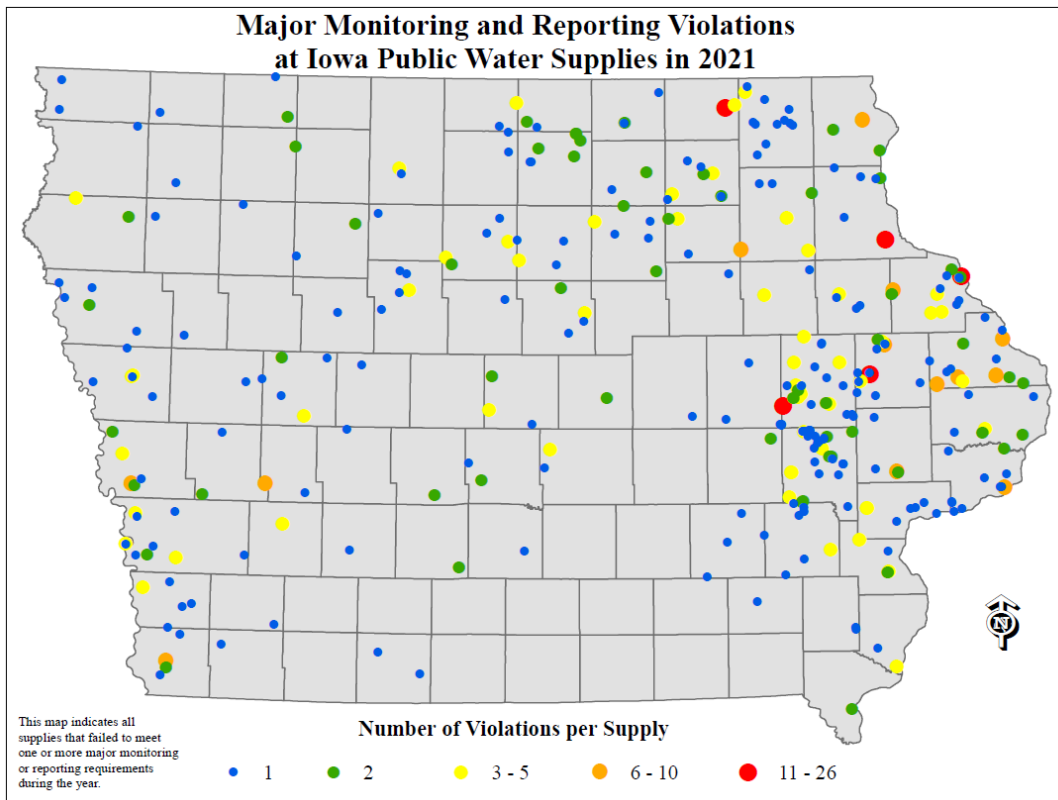


- The monitoring and reporting violations are shown on the following chart, along with the number each contributed to the total number of monitoring and reporting violations.



This map depicts the systems in Iowa that incurred a major monitoring or reporting violation in 2021. The system that incurred the most monitoring/reporting violations in 2021 had 26 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 public water supply 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.

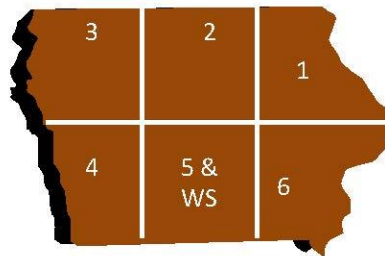
The SDWA allows States and Territories to seek EPA approval to administer their own Public Water Supply Supervision Program (PWSS), which is called primacy. To receive primacy, States must meet certain requirements set forth in the SDWA regulations, including adoption of drinking water regulations which 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 public water supply 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 indicated on the map.



#### On-Site Inspection

- conducts site surveys for well and treatment facility placement,
- along with contracted county health departments, inspects every public water supply 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 public water supply 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 2021, there were 27 construction loans for a total of over \$38 million dollars and 17 planning and design loans for a total of almost \$6 million dollars. Through SFY 2021, over \$1 billion dollars has been provided in loans to Iowa's public water supply systems.

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 27,452 people at the end of June 2022.
- **Area Wide Optimization Program (AWOP)** In 2006, the department began participating in the AWOP program, a national program designed to assist public water system operators in optimizing the performance of their existing treatment facilities, as part of the state's capacity development strategy. In 2021, Iowa's AWOP program continued to experience challenges as a result of the COVID19 pandemic. Despite these challenges, Iowa has remained focused on keeping the program moving forward and integrating AWOP concepts into Iowa's Drinking Water Program where possible. Iowa's AWOP team members continued to participate in 2021 quarterly meetings as well as the National AWOP meeting in July. All meeting formats were strictly remote in 2021 due to COVID related travel restrictions.

The AWOP team continued to assist in the development of a comprehensive Surface Water Treatment Training program. 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) and Module 5 (disinfection) content was developed in 2021 and is scheduled to be piloted in 2022- The classroom portion of Modules 1 and 2 were delivered numerous times remotely in 2021 by a contractor. A hybrid of Day 1 and some exercises from Day 2 of Module 1 was presented in a one day format at the Annual Iowa Rural Water Convention. The AWOP Core team led an effort in 2021 to clarify the combined filter effluent monitoring requirements for surface water and influenced groundwater systems in the rules. The rules are expected to move forward in 2022, which will standardize combined filter effluent monitoring and reporting. Technical assistance was provided by AWOP staff to operators at a small groundwater filtration plant in Johnson County utilizing Hydrous Manganese Oxide or HMO for radium reduction. Manganese was detected at levels above EPA’s Health Advisory for infant population in a finished water sample collected during a Sanitary Survey in December, 2020 resulting in public notice being required per Iowa’s Manganese Protocol. The cause was narrowed down to the HMO chemical mixing and dosing process. The issue was corrected by installing a smaller day tank and switching from a diaphragm pump to a peristaltic pump for the potassium permanganate feed. Manganese results have since been consistently at or below 0.03 mg/L and public notice lifted.

- **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 2021, 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 2021: Vincent, Wellman, 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.

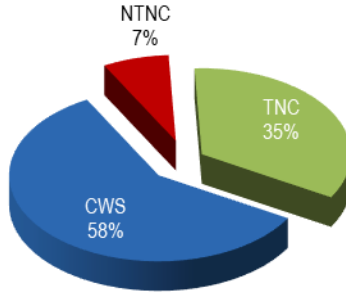
- A public water supply system (PWS) is further classified as a community water system, a non-transient non-community system, or a transient non-community system.
- A **community water system** (CWS) is a PWS that meets the above definition for year-round residents. Examples of CWSs include municipalities, 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 2021, 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 1,842 public water supply systems in 2021 included 1,080 CWS, 124 NTNC, and 638 TNC systems. The map depicting all of Iowa's active public water supply systems in 2021 is shown on the next page.



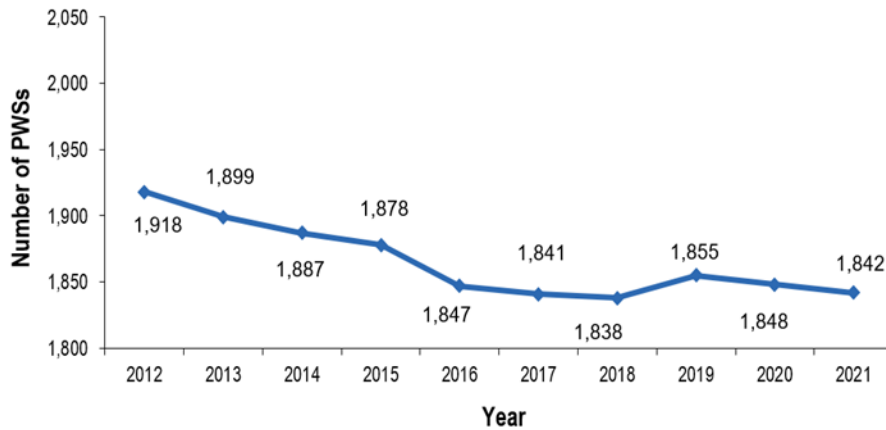
**System Size**

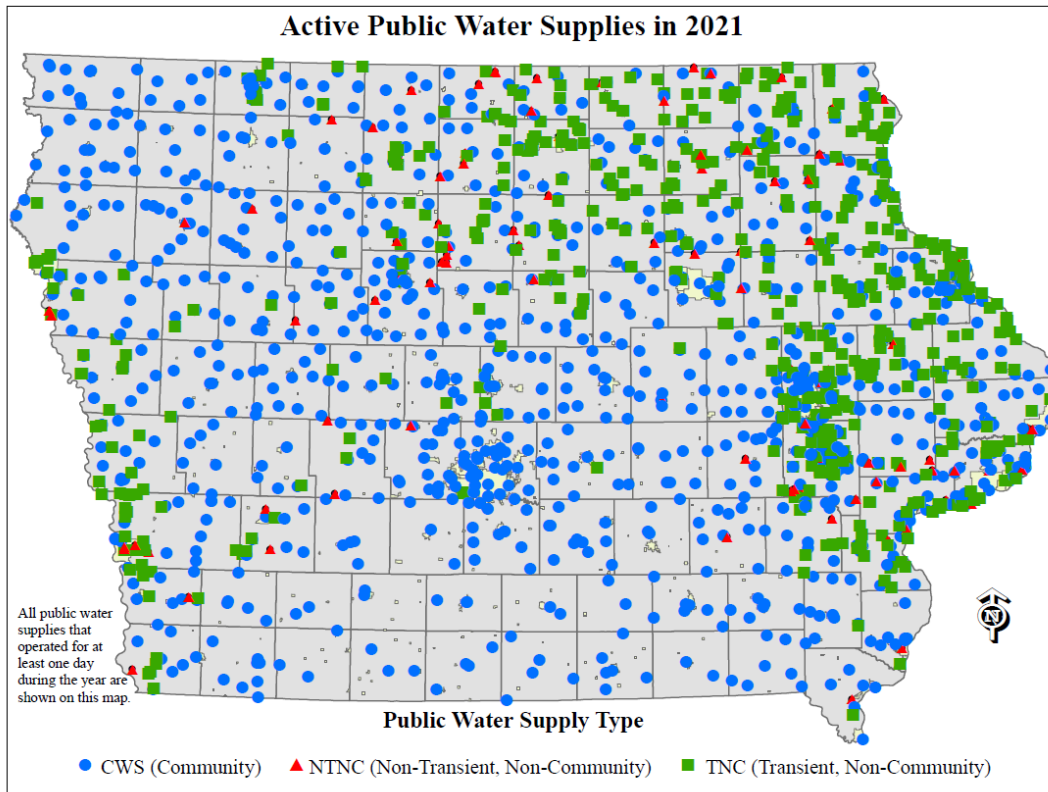
Iowa is a small-system state, as indicated in the following table, with 93% of our systems each serving fewer than 3,300 people.

Population Served	EPA Classification	Number of Iowa PWS	Percentage of Total Number of PWS	Total PWS Population Served
25 - 500	Very Small	1,302	70.7	183,546
501 - 3,300	Small	403	21.8	497,207
3,301 - 10,000	Medium	88	4.7	490,586
10,001 - 100,000	Large	46	2.5	1,351,830
Over 100,000	Very Large	3	0.2	534,263
	Total	1,842	100.0	3,057,432

In 2021, the number of public water supply systems in Iowa slightly decreased from 2020. Any system that was active for a single day during the year is included in that year's total.

**Number of Regulated Iowa PWSs: 2012 - 2021**





**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.

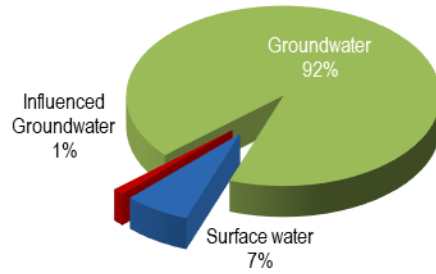
Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are the most vulnerable to contamination, followed by influenced groundwater systems. Systems using surface water or influenced groundwater 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	24	1.3	9.0
Groundwater	1,688	91.6	53.7

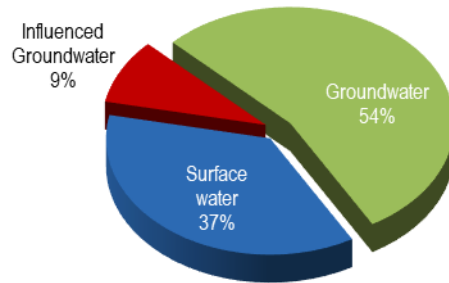
**System Source Water in Iowa**

Most of Iowa’s public water supply 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 public water supply 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 ClO<sub>2</sub>, 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

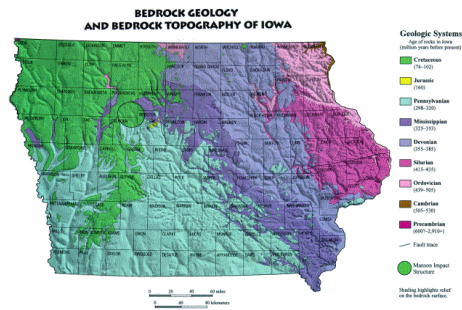
Source of Contamination: Alpha emitters, which include radium and uranium, occur naturally in certain groundwaters in the state due to the geological formations, particularly in the deeper aquifers. Beta emitters are usually the result of manmade sources or activities.

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 be 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 public water supply 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 3.04 million people received water served by Iowa public water supply systems in 2021 that complied with all health-based standards, including MCL, MRDL, AL, and TT standards. In 2021, 99.3% of the population served by community public water supply systems received water that met all drinking water standards adopted by the department, and 97.7% of community public water supplies met all drinking water standards.



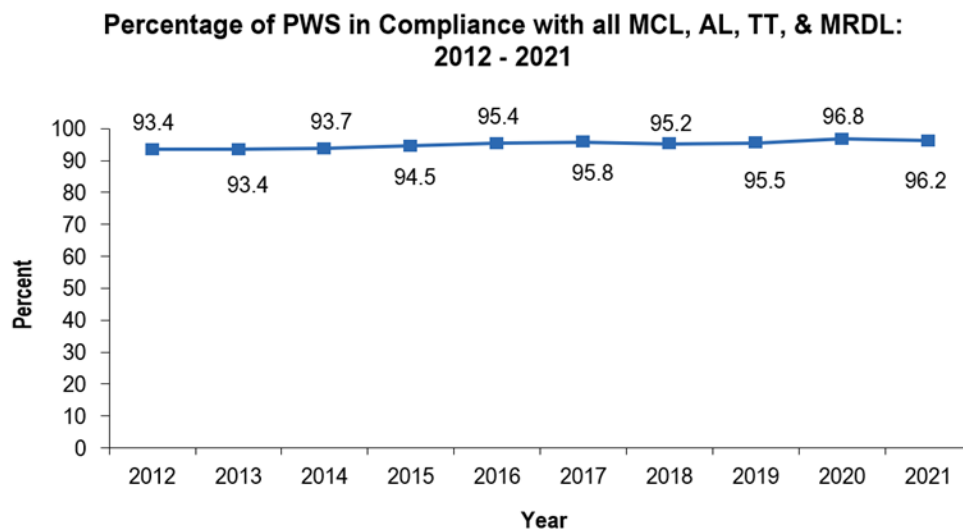
Of the 1,842 regulated PWSs in Iowa, 96.2% were in compliance with all MCL, MRDL, AL, and TT standards. There were 70 PWSs that had at least one violation of an MCL, AL, MRDL, or TT standard. There were 107 violations of nine contaminants and six treatment techniques in 2021, as indicated in the following table. The most frequent standard that was not met in Iowa in 2021 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
<b>Total:</b>	<b>70**</b>	<b>107</b>	<b>100%</b>		<b>21,082**</b>

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

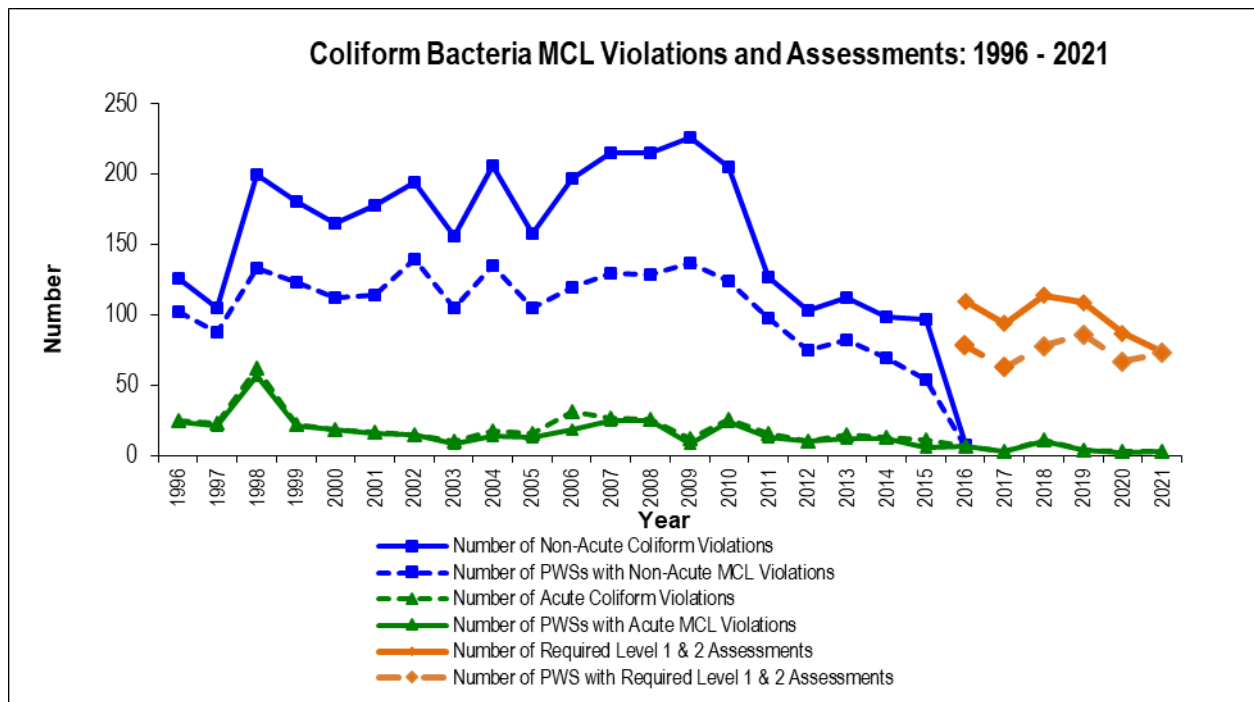
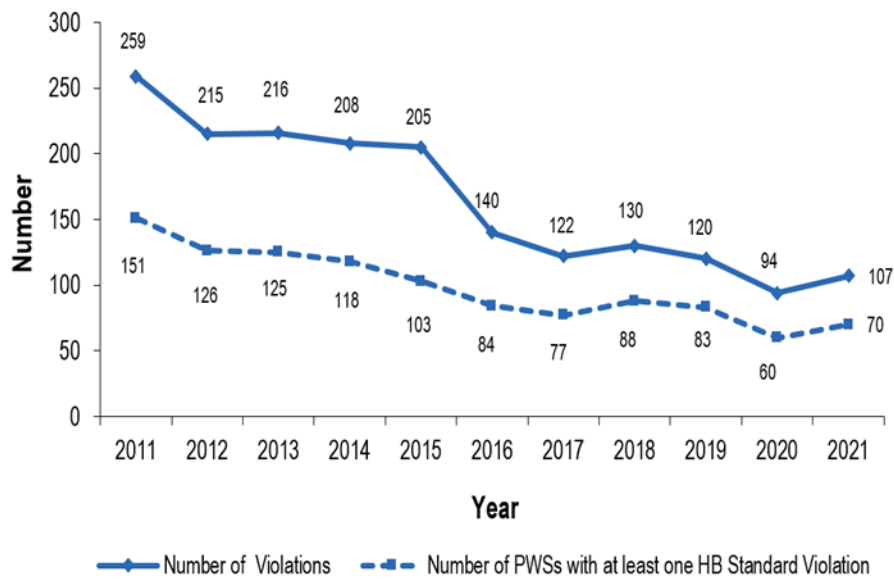
\*\*Each PWS is only included once in the total, even though they may have multiple violations. Likewise, the population of a system is only included once in the system population total, even though multiple violations may have occurred in a system.

The number of public water supply systems in compliance with all health-based standards increased slightly from last year, as shown in the following chart. The average compliance rate over the ten-year period is 94.9%.



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 28 TT violations at 28 systems: 26 seasonal systems failed to complete their start-up procedures (including a bacteria-free compliance sample) before they opened to the public, and 2 systems failed to conduct the required Level 1 Assessment and incurred 2 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.

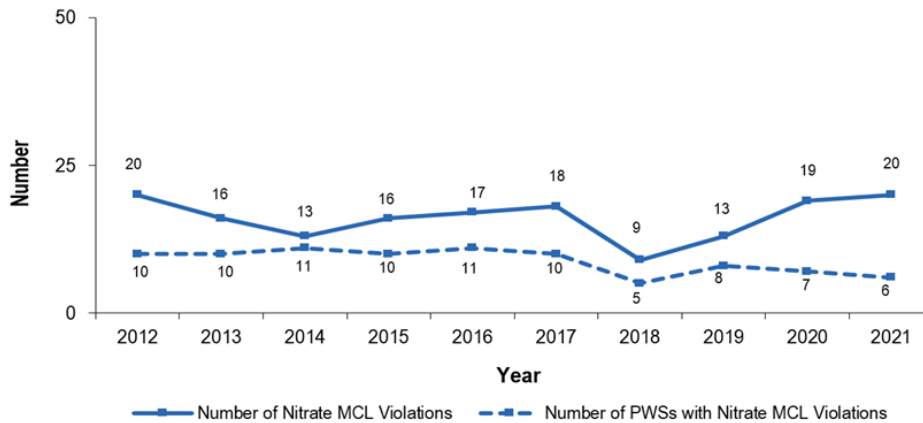
**Health-Based Standards Violations: 2012 - 2021**



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.

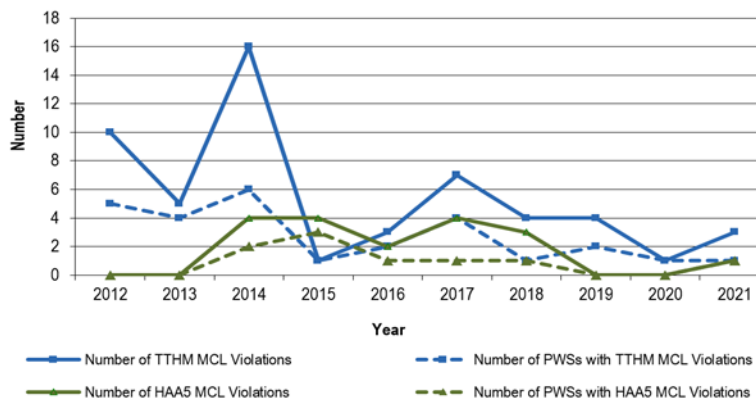
In 2021, the number of nitrate MCL violations increased and number of systems with violations decreased from 2020.

**Nitrate MCL Violations: 2012 - 2021**

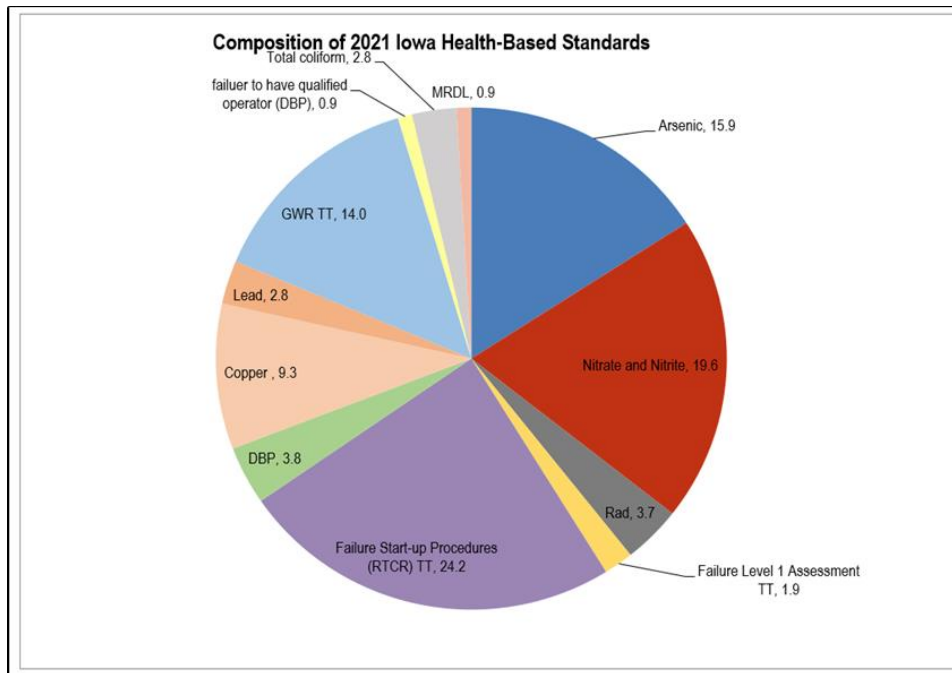


Under the federal Stage 1 Disinfectants/Disinfection Byproducts Rule (DBPR), large systems were required to start monitoring for disinfection byproducts in 2002, with medium and small systems starting in 2004. Usually a system monitors for a year before an MCL violation can occur, so the first violations 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 2021, there was one system that had one total trihalomethanes violation.

**Disinfection Byproduct MCL Violations: 2012 - 2021**



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

## Major Monitoring and Reporting (M/R) Violation Data

Over 2.94 million people received water served by Iowa’s systems that met the major monitoring and reporting requirements. Of the 1,842 regulated PWSs in Iowa, 82.1% (1,512 PWSs) were in compliance with all major monitoring and reporting requirements. There were 330 PWSs serving a total population of 110,018 that incurred 702 major monitoring and reporting violations in 2021. 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 2021. 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*
Monitoring			
Chlorine	2	2	1,743
Coliform Bacteria, Total (RTCR distribution system)	155	225	28,413
Copper	6	6	1,913
Cyanide	1	1	2,923
<i>E. coli</i> (GWR source water)	4	15	9,888
Gross alpha, excluding Rn & U	2	2	2,989
Haloacetic Acids (5)	10	11	13,167
Lead	6	6	1,913
Manganese	11	14	2,446
Nitrate	52	63	13,275
Nitrite	6	7	16,458
Radium 226 & 228	2	2	1,690
Sodium	6	7	3,056
Total Trihalomethanes	11	12	9,436
Monitoring Total:	224*	373	77,041*
Reporting			
Failure to conduct public notice (PN)	71	147	6,217
Failure to submit monthly operation report or MRDL	36	91	6,358
Failure to issue a consumer confidence report	33	33	5,814
Failure to issue a Lead consumer notice	37	38	20,233
Failure to obtain a certified operator	1	1	190
Failure to maintain TCR record keeping	8	12	3,430
Failure to meet a compliance schedule	3	3	1,323
Other Reporting Violation***	3	3	2,067

Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
Failure to obtain a construction permit	1	1	676
Reporting Total:	165*	329	42,926*
Monitoring & Reporting Total:	330**	702	110,018**

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

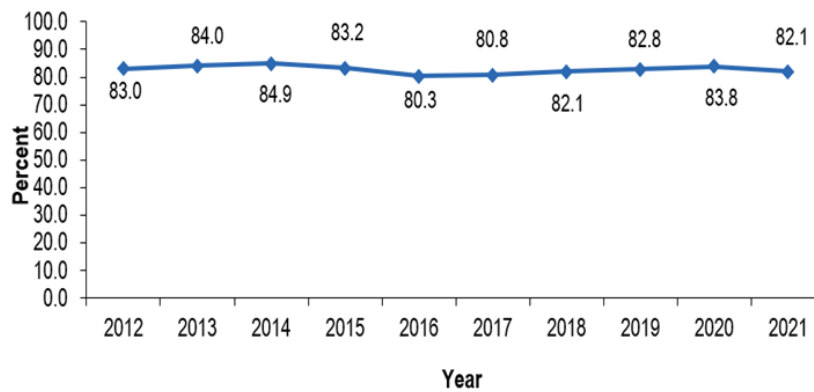
\*\*Each system with a violation is only included once in the number of systems total and the affected population total.

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

### Monitoring & Reporting Compliance Rates: 2012 - 2021

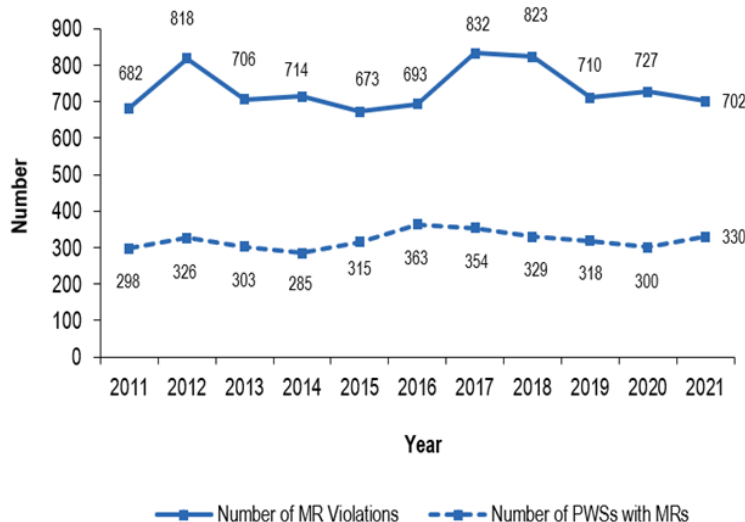
The percentage of PWS in compliance with all major monitoring and reporting requirements was 82.1% in 2021. The number of public water supplies in compliance with all major monitoring and reporting requirements averages 82.8% over the past ten years.

Percentage of PWS in Compliance with all Major Monitoring & Reporting Requirements: 2012 - 2021



In 2021, the number of monitoring and reporting violations slightly decreased, and the number of systems with those violations slightly increased from 2020.

Monitoring & Reporting Violations: 2012 - 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 2021, 33 CWS failed to prepare and distribute their CCR for calendar year 2021. Each CWS received a reporting violation for this failure. The CCR compliance rate for Iowa's CWS in 2021 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.

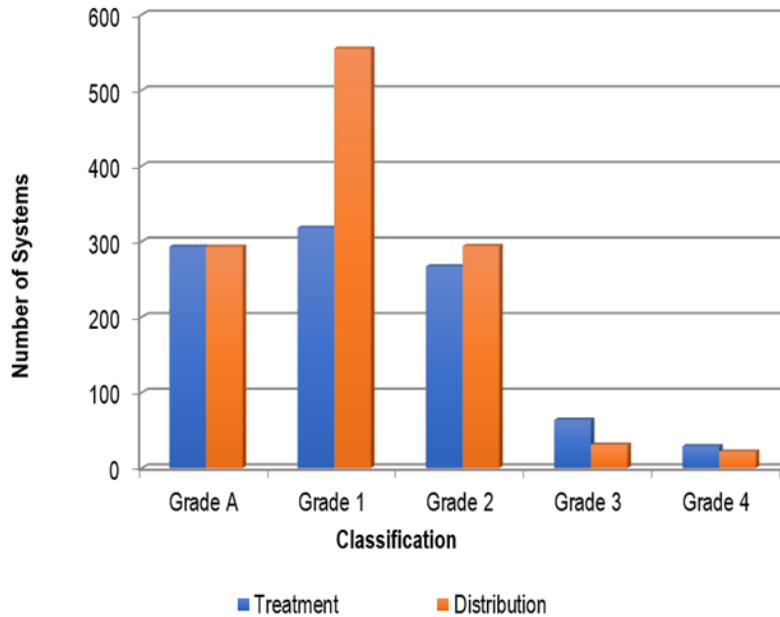
The Iowa Operator Certification Program reporting period for this report is July 1, 2021 through June 30, 2022.

### **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 June 10, 2022. There are 224 systems that have a distribution system but no treatment plant.

<b>Classification</b>	<b>Treatment Facility</b>	<b>Distribution Facility</b>
Grade A	293	293
Grade 1	318	555
Grade 2	267	294
Grade 3	64	31
Grade 4	29	22
Total	971	1,195

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



### Classification Grades for Operator Certification

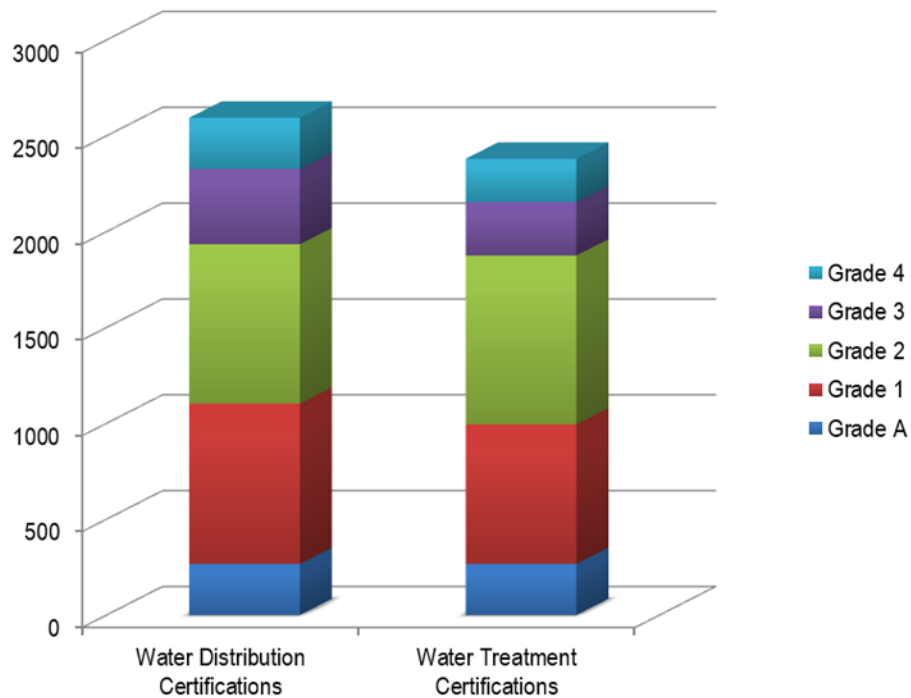
The Iowa Operator Certification program is predicated on three principles: Education, Experience, and Examination. A certified drinking water operator in Iowa must meet these requirements:

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	267 (combined WT and WD)	
Grade 1	836	728
Grade 2	832	881
Grade 3	393	279
Grade 4	267	226

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

Compliance actions were directed at four certified operators.

### Certification Renewal

Operator certifications are renewed every two years, with the most current renewal period ending on June 30, 2021. Continuing education requirements must be met by March 31, 2023, in order for the operator to renew for the next period. Operators holding a Grade A, 1, or 2 certificate must earn 10 contact hours of continuing education in the renewal period. Operators holding a Grade 3 or 4 certificate must earn 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 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:

Name	Telephone	Primary Responsibilities	Title
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Mark Moeller, PE	515-201-9717	Water Supply Engineering Section Supervisor	Env. Program Supervisor
Laurie Sharp	515-664-8553	Operator Certification Program & Capacity Development	Program Planner 2
Carmily Stone	515-725-0281	Rules and Policy Development	Executive Officer II

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Iowa DNR - Water Supply  
 502 E 9<sup>th</sup> St  
 Des Moines IA 50319-0034



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, 2021 through December 31, 2021

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	0	0
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

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
Epichlorohydrin		0	0	0	0	0	0
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	1	1	0	0	11	10
Total trihalomethanes	0.080	3	1	0	0	12	11

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 Systems with Violations
Antimony	0.006	0	0	0	0	0	0
Arsenic	0.010	17	5	0	0	0	0
Asbestos	7 million fibers/L (>10 µm in length)	0	0	0	0	0	0
Barium	2	0	0	0	0	0	0
Beryllium	0.004	0	0	0	0	0	0
Cadmium	0.005	0	0	0	0	0	0
Chromium	0.1	0	0	0	0	0	0
Cyanide (as free cyanide)	0.2	0	0	0	0	1	1
Fluoride	4.0	0	0	0	0	0	0
Mercury	0.002	0	0	0	0	0	0
Nitrate	10 (as Nitrogen)	20	6	0	0	65	54
Nitrite	1.0 (as Nitrogen)	1	1	0	0	7	6
Selenium	0.05	0	0	0	0	0	0
Sodium	not applicable	0	0	0	0	7	6
Thallium	0.002	0	0	0	0	0	0
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	4	1	0	0	2	2
Gross beta	4 mrem/year	0	0	0	0	0	0
Uranium	30 µg/L	0	0	0	0	0	0
Subtotal		46	15*	0	0	96	88*

\*Each system is only counted once in the subtotal category (i.e., 15 systems had 46 MCL violations and 96 systems had 88 monitoring/reporting violations).



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	3	3	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	2	2	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	225	155
Major source water monitoring for Fecal Indicator (GWR)		0	0	0	0	15	4
Sanitary survey violations (failure to address significant deficiency, failure to have certified operator, and failure to maintain disinfectant residuals)		0	0	16	13	1	1
Subtotal		3	3	44	41	241	160*

\*Each system is counted only once in the subtotal category, i.e., 41 systems had 44 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		0	0	0	0	0	0
Treatment techniques		0	0	0	0	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.

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: 3 Copper: 10	Lead: 3 Copper: 10	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: 6 Pb: 7	Cu: 6 Pb: 7
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	0	0
Lead consumer notice						38	37
Subtotal		13	13*	0	0	51	50*

\*Each system is only counted once in the subtotal category (i.e., 50 systems had 51 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	1	1	0	0	2 MV 91 reporting	2 MV 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	0	0
Total organic carbon (TOC)		0	0	0	0	0	0
Subtotal		0	0	0	0	93	38*

\*Each system is only counted once in the subtotal category (i.e., 38 systems had 93 DBP 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 2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
2ND PLEASANT VIEW SUBDIVISION	47	Wright	IA9909305	TNC	202101586	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/11/2022
2ND PLEASANT VIEW SUBDIVISION	47	Wright	IA9909305	TNC	202200169	Failure to conduct Public Notice	14-Sep-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/27/2021
380BP SWISHER	258	Johnson	IA5285201	TNC	202101583	Chlorine	31-May-21	Operations Report	RPT	Compliance Achieved	7/1/2021
61 DRIVE-IN THEATRE	27	Clinton	IA2328801	TNC	202101418	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/30/2021
AEROPLANE INN	25	Pottawattamie	IA7836201	TNC	202101084	Manganese	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/28/2021
AEROPLANE INN	25	Pottawattamie	IA7836201	TNC	202101453	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/15/2021
AEROPLANE INN	25	Pottawattamie	IA7836201	TNC	202200631	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/8/2022
ALBURNETT COMMUNITY SCHOOL DISTRICT	500	LINN	IA5704401	TNC	202200134	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2021
ALDEN WATER SUPPLY	763	HARDIN	IA4213013	CWS	202101788	Copper	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/25/2021
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202100744	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/29/2021
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202100872	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/29/2021
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202101289	Failure to conduct Public Notice	21-May-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/11/2022
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202101508	Failure to conduct Public Notice	22-Jun-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/11/2022
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202200093	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/12/2021
ALVORD MUNICIPAL WATER SUPPLY	206	LYON	IA6003032	CWS	202200002	Copper	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/5/2021
AMANA SOCIETY WATER SYSTEM NORTH	1248	IOWA	IA4848001	CWS	202101377	Copper	30-Jun-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	9/10/2021
AMANA SOCIETY WATER SYSTEM NORTH	1248	IOWA	IA4848001	CWS	202200138	Total Haloacetic Acids (HAA5)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2021
AMANA SOCIETY WATER SYSTEM NORTH	1248	IOWA	IA4848001	CWS	202200139	Total Trihalomethanes (TTHM)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2021
ANAMOSA STATE PENITENTIARY	1230	JONES	IA5300947	CWS	202200844	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/1/2022
ANDOVER WATER SUPPLY	109	CLINTON	IA2307001	CWS	202101844	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	4/8/2022
ANGLERS BAY RESORT	150	DICKINSON	IA3070601	TNC	202101225	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/22/2021
APOSTOLIC CHURCH	200	JONES	IA5307801	TNC	202100978	Nitrate (as N)	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/12/2021
ARGO CORNERS LLC	62	SCOTT	IA8245201	TNC	202101106	E. coli	17-Apr-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/10/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
ASHTON MUNICIPAL WATER DEPARTMENT	436	OSCEOLA	IA7209069	CWS	202200101	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/20/2021
ATALISSA MUNICIPAL WATER SUPPLY	296	MUSCATINE	IA7009071	CWS	202200270	Lead	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/8/2021
ATKINS MUNICIPAL WATER WORKS	2056	BENTON	IA0603072	CWS	202100911	Total Trihalomethanes (TTHM)	31-Mar-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/1/2021
ATKINS MUNICIPAL WATER WORKS	2056	BENTON	IA0603072	CWS	202101366	Total Trihalomethanes (TTHM)	30-Jun-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/1/2021
ATKINS MUNICIPAL WATER WORKS	2056	BENTON	IA0603072	CWS	202200028	Total Trihalomethanes (TTHM)	30-Sep-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/1/2021
AUBURN SPORTS SHOP	29	FAYETTE	IA3383202	TNC	202100921	Chlorine	28-Feb-21	Operations Report	RPT	Compliance Achieved	6/2/2021
AUNT DHARMA'S SANDBAR ON THE WAPSI LLC	27	LINN	IA5786890	TNC	202100745	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/24/2021
AUNT DHARMA'S SANDBAR ON THE WAPSI LLC	27	LINN	IA5786890	TNC	202100746	Nitrate (as N)	31-Jan-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/24/2021
AUNT DHARMA'S SANDBAR ON THE WAPSI LLC	27	LINN	IA5786890	TNC	202101439	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/1/2021
AUNT DHARMA'S SANDBAR ON THE WAPSI LLC	27	LINN	IA5786890	TNC	202101440	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/1/2021
BAYARD WATER SUPPLY	405	GUTHRIE	IA3907092	CWS	202200318	Manganese	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/16/2021
BECKER WATER AND ROAD	50	WEBSTER	IA9433312	CWS	202100681	Failure to conduct Public Notice	01-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/4/2021
BECKER WATER AND ROAD	50	WEBSTER	IA9433312	CWS	202100987	E. coli	21-Mar-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	5/21/2021
BECKER WATER AND ROAD	50	WEBSTER	IA9433312	CWS	202101775	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/3/2021
BELLE PLAINE WATER DEPT	2380	BENTON	IA0610099	CWS	202200516	E. coli	01-Nov-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/30/2021
BELMOND WATER SUPPLY	2463	WRIGHT	IA9905003	CWS	202200712	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/15/2022
BEYONDER GETAWAY AT SLEEPY HOLLOW	70	JOHNSON	IA5260601	CWS	202100868	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2021
BEYONDER GETAWAY AT SLEEPY HOLLOW	70	JOHNSON	IA5260601	CWS	202101505	Failure to conduct Public Notice	29-Jun-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/1/2021
BEYONDER GETAWAY AT SLEEPY HOLLOW	70	JOHNSON	IA5260601	CWS	202101837	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	1/1/2022
BEYONDER GETAWAY AT SLEEPY HOLLOW	70	JOHNSON	IA5260601	CWS	202101664	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/25/2021
BEYONDER GETAWAY AT SLEEPY HOLLOW	70	JOHNSON	IA5260601	CWS	202200523	Failure to conduct Public Notice	17-Nov-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/1/2021
BIG CREEK BLUFFS	80	LINN	IA5784309	CWS	202101526	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/15/2021
BIG CREEK BLUFFS	80	LINN	IA5784309	CWS	202200205	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	10/22/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
BIG CREEK BLUFFS	80	LINN	IA5784309	CWS	202200726	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/27/2022
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100805	Failure to conduct Public Notice	27-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/30/2021
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100806	Failure to conduct Public Notice	27-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/30/2021
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202200425	Nitrate (as N)	31-Oct-21	Operations Report	RPT	Compliance Achieved	11/19/2021
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	202101293	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	202101398	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	7/1/2021
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	202101770	Failure to conduct Level 1 Assessment	31-Aug-21	Level 1 Assessment, Multiple TC+ (RTCR)	TT	No EPA Enforcement Action	8/25/2021
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	202200390	Failure to conduct Public Notice	23-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/16/2021
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	202200630	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/31/2022
BLAIRS FERRY MANOR	75	LINN	IA5784316	CWS	202100714	Failure to issue Lead Consumer Notice	09-Feb-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/9/2021
BLAIRS FERRY MANOR	75	LINN	IA5784316	CWS	202101528	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/15/2021
BLAIRS FERRY MANOR	75	LINN	IA5784316	CWS	202200206	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	10/22/2021
BLUFF LAKE CATFISH FARM	125	JACKSON	IA4950794	TNC	202100960	Coliform bacteria	31-Mar-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2021
BLUFFTON STORE	60	WINNESHIEK	IA9630773	TNC	202200114	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/1/2021
BOONDOCKS DBA JAY BROS TRUCK STOP	610	HAMILTON	IA4070201	TNC	202100916	Failure to Maintain Microbial Treatment	31-Mar-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	4/2/2021
BRADFORD HOUSE	50	CHICKASAW	IA1967222	TNC	202101116	Failure to conduct Public Notice	25-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2021
BRADFORD HOUSE	50	CHICKASAW	IA1967222	TNC	202200065	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/17/2022
BRADFORD HOUSE	50	CHICKASAW	IA1967222	TNC	202200473	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/17/2022
BRADFORD HOUSE	50	CHICKASAW	IA1967222	TNC	202200603	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/17/2022
BRANNAMAN ENTERPRISES, INC	18	JOHNSON	IA5282309	TNC	202101460	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/28/2021
BRANNAMAN ENTERPRISES, INC	18	JOHNSON	IA5282309	TNC	202200397	Failure to conduct Public Notice	26-Oct-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/15/2021
BREDA WATER SUPPLY	500	CARROLL	IA1409041	CWS	202100950	Nitrate (as N)	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/6/2021
BREDA WATER SUPPLY	500	CARROLL	IA1409041	CWS	202101776	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/1/2021



Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
BREEZY POINTE SUBDIVISION	130	CLAYTON	IA2258603	CWS	202200729	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/14/2022
BRIGHTON MUNICIPAL WATER SUPPLY	600	WASHINGTON	IA9209043	CWS	202200494	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/28/2021
CALAMUS WATER SUPPLY	356	CLINTON	IA2320062	CWS	202101843	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/30/2021
CAMP ABE LINCOLN	210	SCOTT	IA8215448	TNC	202101291	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	202200063	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/26/2021
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	202200737	Chlorine	30-Nov-21	Operations Report	RPT	NOV Issued	1/28/2022
CAMP INGAWANIS-RANGER WELL	150	BREMER	IA0990402	TNC	202100988	Failure to conduct Public Notice	08-Mar-21	Public Notice Rule Linked to Violation	PN	NOV Issued	4/16/2021
CAMP MITIGWA	300	BOONE	IA0890490	TNC	202101216	Failure to complete Start-Up Procedures	31-May-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/25/2021
CAMP SHALOM	120	JACKSON	IA4950401	TNC	202100791	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/3/2021
CAMP SHALOM	120	JACKSON	IA4950401	TNC	202100792	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/3/2021
CAMP SHALOM	120	JACKSON	IA4950401	TNC	202101295	Failure to conduct Public Notice	22-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
CAMP SHALOM	120	JACKSON	IA4950401	TNC	202101296	Failure to conduct Public Notice	22-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
CAMP SHALOM	120	JACKSON	IA4950401	TNC	202101625	Failure to complete Start-Up Procedures	31-May-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	10/29/2021
CAMP SHALOM	120	JACKSON	IA4950401	TNC	202101721	Failure to conduct Public Notice	31-Jul-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
CAMP SHALOM	120	JACKSON	IA4950401	TNC	202200184	Failure to conduct Public Notice	16-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/21/2021
CAMP WYOMING	191	JONES	IA5396409	TNC	202201098	Coliform (TCR)	31-Jul-21	Record Keeping	RPT	Compliance Achieved	9/3/2021
CARD, INC.	50	BUTLER	IA1228803	TNC	202101412	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/19/2021
CARTER LAKE WATER DISTRICT	3791	POTTAWATTA MIE	IA7812079	CWS	202101071	Total Haloacetic Acids (HAA5)	31-Mar-21	Monitoring (DBP), Routine Major	MON	Compliance Achieved	6/22/2021
CARTER LAKE WATER DISTRICT	3791	POTTAWATTA MIE	IA7812079	CWS	202101072	Total Trihalomethanes (TTHM)	31-Mar-21	Monitoring (DBP), Routine Major	MON	Compliance Achieved	6/22/2021
CARTER LAKE WATER DISTRICT	3791	POTTAWATTA MIE	IA7812079	CWS	202200786	Total Haloacetic Acids (HAA5)	31-Dec-21	Monitoring (DBP), Routine Major	MON	Compliance Achieved	3/15/2022
CARTER LAKE WATER DISTRICT	3791	POTTAWATTA MIE	IA7812079	CWS	202200787	Total Trihalomethanes (TTHM)	31-Dec-21	Monitoring (DBP), Routine Major	MON	Compliance Achieved	3/15/2022
CASEYS GENERAL STORE (ANAMOSA)	1215	JONES	IA5322201	TNC	202200119	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/28/2021
CASEYS GENERAL STORE (ANAMOSA)	1215	JONES	IA5322201	TNC	202200506	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/1/2022
CASEYS GENERAL STORE (ANAMOSA)	1215	JONES	IA5322201	TNC	202200633	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/1/2022

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CASEYS GENERAL STORE (ANAMOSA)	1215	JONES	IA5322201	TNC	202200675	Chlorine	31-Dec-21	Monitoring (MOR)	MOR	Compliance Achieved	2/1/2022
CASEYS GENERAL STORE (ANAMOSA)	1215	JONES	IA5322201	TNC	202201101	Coliform (TCR)	31-Dec-21	Record Keeping	RPT	Compliance Achieved	5/2/2022
CASEYS STORE (NICHOLS) #2472	603	MUSCATINE	IA7052205	TNC	202101639	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	8/24/2021
CASEYS STORE (NICHOLS) #2472	603	MUSCATINE	IA7052205	TNC	202200126	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/28/2021
CASEYS STORE (NICHOLS) #2472	603	MUSCATINE	IA7052205	TNC	202200530	Failure to conduct Public Notice	22-Nov-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/14/2022
CASTANA MUNICIPAL WATER SUPPLY	107	MONONA	IA6715083	CWS	202100994	Failure to conduct Public Notice	01-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/22/2021
CASTANA MUNICIPAL WATER SUPPLY	107	MONONA	IA6715083	CWS	202101509	Failure to conduct Public Notice	01-Jul-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/22/2021
CASTANA MUNICIPAL WATER SUPPLY	107	MONONA	IA6715083	CWS	202101783	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/16/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202100893	Failure to conduct Public Notice	22-Feb-21	Public Notice Rule Linked to Violation	PN	NOV Issued	3/23/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202100918	Chlorine	28-Feb-21	Operations Report	RPT	NOV Issued	3/16/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202100992	Failure to conduct Public Notice	20-Mar-21	Public Notice Rule Linked to Violation	PN	NOV Issued	4/16/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202101126	Failure to conduct Public Notice	24-Apr-21	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202101200	Chlorine	30-Apr-21	Operations Report	RPT	NOV Issued	5/24/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202101240	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/24/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202101351	Chlorine	31-May-21	Operations Report	RPT	NOV Issued	6/14/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202101352	Chlorine	31-May-21	Operations Report	RPT	Compliance Achieved	
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202101555	Chlorine	30-Jun-21	Operations Report	RPT	NOV Issued	7/20/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202101816	Chlorine	31-Jul-21	Operations Report	RPT	NOV Issued	8/16/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202101964	Chlorine	31-Aug-21	Operations Report	RPT	NOV Issued	9/15/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202200163	Failure to conduct Public Notice	21-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/20/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202200094	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202200200	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	3/9/2022
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202200345	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202200422	Chlorine	31-Oct-21	Operations Report	RPT	Compliance Achieved	3/9/2022

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202200537	Chlorine	30-Nov-21	Operations Report	RPT	Compliance Achieved	3/9/2022
CEDAR RIDGE VINEYARDS	470	JOHNSON	IA5285210	TNC	202101470	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/20/2021
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202101115	Failure to conduct Public Notice	22-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/22/2022
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202101114	Failure to conduct Public Notice	24-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/22/2022
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202101626	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/22/2022
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202101413	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/21/2021
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202200151	Failure to conduct Public Notice	16-Sep-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/22/2022
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202200376	Failure to conduct Public Notice	26-Oct-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/22/2022
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202200296	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/22/2022
CEDARCREST GOLF & COUNTRY CLUB	146	LOUISA	IA5815825	TNC	202101050	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/3/2022
CHASE MOBILE HOME PARK	60	HARDIN	IA4260602	CWS	202101774	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/26/2021
CHASE MOBILE HOME PARK	60	HARDIN	IA4260602	CWS	202200736	Chlorine	30-Nov-21	Operations Report	RPT	Compliance Achieved	4/8/2022
CHELSEA WATER SUPPLY	229	TAMA	IA8609019	CWS	202200627	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/29/2022
CHESTNUT RIDGE	33	LINN	IA5784312	CWS	202100713	Failure to issue Lead Consumer Notice	09-Feb-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/9/2021
CHESTNUT RIDGE	33	LINN	IA5784312	CWS	202101533	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/15/2021
CHESTNUT RIDGE	33	LINN	IA5784312	CWS	202200207	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	10/22/2021
CHURCH OF JESUS CHRIST OF LDS (ATLANTIC)	80	CASS	IA1509801	TNC	202101465	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/28/2021
CHURCH OF JESUS CHRIST OF LDS (ATLANTIC)	80	CASS	IA1509801	TNC	202101696	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/28/2021
CHURCH OF JESUS CHRIST OF LDS (ATLANTIC)	80	CASS	IA1509801	TNC	202101949	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/28/2021
CHURCH OF JESUS CHRIST OF LDS (ATLANTIC)	80	CASS	IA1509801	TNC	202200130	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/16/2021
CHURDAN WATER SUPPLY	365	GREENE	IA3709001	CWS	202101779	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/7/2021
CLARKS FERRY	52	MUSCATINE	IA7038402	TNC	202101763	Failure to Maintain Microbial Treatment	31-Aug-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	8/30/2021
CLARKSVILLE WATER SUPPLY	1264	BUTLER	IA1228038	CWS	202200708	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	1/27/2022

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202101642	Nitrate (as N)	31-Jul-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/17/2021
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202200520	Failure to conduct Public Notice	23-Nov-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/3/2022
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202200680	Chlorine	31-Dec-21	Operations Report	RPT	Compliance Achieved	2/10/2022
CLOVER RIDGE SUBDIVISION	370	BENTON	IA0690301	CWS	202200721	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/21/2022
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202101288	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202101238	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/14/2021
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202200160	Failure to conduct Public Notice	28-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/21/2021
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202200617	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/6/2022
COACH ROAD WELL ASSOCIATION	60	CEDAR	IA1600301	CWS	202101856	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/10/2021
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	202200508	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/24/2022
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	202200640	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/24/2022
COMMUNITY COUNTRY STORE ANNEX	36	JOHNSON	IA5221209	TNC	202100882	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/10/2021
COMMUNITY COUNTRY STORE ANNEX	36	JOHNSON	IA5221209	TNC	202200643	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/11/2022
CORALVILLE LAKE MANOR	170	JOHNSON	IA5200825	CWS	202101840	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/13/2021
CORALVILLE LAKE-AD BLDG	275	JOHNSON	IA5225413	TNC	202200089	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2022
CORALVILLE LAKE-AD BLDG	275	JOHNSON	IA5225413	TNC	202200616	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/1/2022
CORALVILLE LAKE-SANDY BEACH	147	JOHNSON	IA5225499	TNC	202201095	Coliform (TCR)	31-Oct-21	Record Keeping	RPT	NOV Issued	2/21/2022
CORALVILLE LAKE-SUGAR BOTTOM	689	JOHNSON	IA5225498	TNC	202201096	Coliform (TCR)	31-Oct-21	Record Keeping	RPT	NOV Issued	2/21/2022
CORALVILLE LAKE-WEST OVERLOOK	861	JOHNSON	IA5225411	TNC	202200328	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/1/2021
CORALVILLE LAKE-WEST OVERLOOK	861	JOHNSON	IA5225411	TNC	202201097	Coliform (TCR)	31-Oct-21	Record Keeping	RPT	NOV Issued	2/21/2022
CORNER MARKET	252	SCOTT	IA8258201	TNC	202101467	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/21/2021
CORNER MARKET	252	SCOTT	IA8258201	TNC	202200400	Failure to conduct Public Notice	26-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/16/2021
CORPORATION OF NEW MELLERAY	90	DUBUQUE	IA3100899	CWS	202101527	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	9/13/2021
CORPORATION OF NEW MELLERAY	90	DUBUQUE	IA3100899	CWS	202101758	Chlorine	31-Jul-21	Operations Report	RPT	Compliance Achieved	9/13/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CORPORATION OF NEW MELLERAY	90	DUBUQUE	IA3100899	CWS	202200204	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	11/11/2021
CORRIDOR RIDGE SUBDIVISION	108	JOHNSON	IA5280303	CWS	202101346	Arsenic	30-Jun-21	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	5/9/2022
CORRIDOR RIDGE SUBDIVISION	108	JOHNSON	IA5280303	CWS	202200021	Arsenic	30-Sep-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/9/2022
CORRIDOR RIDGE SUBDIVISION	108	JOHNSON	IA5280303	CWS	202200256	Arsenic	31-Dec-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/9/2022
CORRIDOR RIDGE SUBDIVISION	108	JOHNSON	IA5280303	CWS	202200842	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/21/2022
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	202101049	Sodium	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	5/18/2021
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	202101535	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/15/2021
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	202200212	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	10/22/2021
CRAIG WATER WORKS	79	PLYMOUTH	IA7521084	CWS	202100711	Failure to issue Lead Consumer Notice	09-Feb-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/17/2021
CRAIG WATER WORKS	79	PLYMOUTH	IA7521084	CWS	202200102	Total Trihalomethanes (TTHM)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2021
CRAIG WATER WORKS	79	PLYMOUTH	IA7521084	CWS	202200103	Total Haloacetic Acids (HAA5)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2021
CRAWFORD CREEK PARK	250	IDA	IA4728957	TNC	202101234	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/16/2021
CREIGHTON UNIVERSITY RETREAT CENTER	91	POTTAWATTA MIE	IA7809801	TNC	202101695	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/18/2021
CRESTWOOD ACRES	50	LINN	IA5784314	CWS	202101530	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/15/2021
CRESTWOOD ACRES	50	LINN	IA5784314	CWS	202101531	Chlorine	30-Jun-21	Operations Report	RPT	No EPA Enforcement Action	
CRESTWOOD ACRES	50	LINN	IA5784314	CWS	202200211	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	10/22/2021
CRESTWOOD ACRES	50	LINN	IA5784314	CWS	202200727	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/27/2022
CROOKED CREEK CHRISTIAN CAMP	43	WASHINGTON	IA9271801	TNC	202200112	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/12/2021
CROP PRODUCTION SERVICES	49	HARRISON	IA4316201	TNC	202200022	Coliform bacteria	31-Oct-21	MCL, EC+ (RTCR)	MCL	Compliance Achieved	12/15/2021
DAIRY MART	62	WASHINGTON	IA9203763	TNC	202101129	Failure to conduct Public Notice	20-Apr-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
DAIRY MART	62	WASHINGTON	IA9203763	TNC	202101075	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/6/2021
DAIRY MART	62	WASHINGTON	IA9203763	TNC	202101076	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/2/2021
DAIRY MART	62	WASHINGTON	IA9203763	TNC	202101511	Failure to conduct Public Notice	24-Jun-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
DAYBREAK FOODS EAGLE GROVE COMPLEX	210	WRIGHT	IA9926801	NTNC	202101281	E. coli	22-May-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	6/8/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
DAYBREAK FOODS EAGLE GROVE COMPLEX	210	WRIGHT	IA9926801	NTNC	202101890	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/18/2021
DAYBREAK FOODS EAGLE GROVE COMPLEX	210	WRIGHT	IA9926801	NTNC	202200426	Failure to address a Significant Deficiency	24-Sep-21	Failure Address Deficiency (GWR)	TT	Compliance Achieved	2/2/2022
DE SOTO WATER SUPPLY	915	DALLAS	IA2529035	CWS	202200070	Total Haloacetic Acids (HAA5)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	11/4/2021
DE SOTO WATER SUPPLY	915	DALLAS	IA2529035	CWS	202200071	Total Trihalomethanes (TTHM)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	11/4/2021
DECORAH FISH HATCHERY	50	WINNESHIEK	IA9630902	TNC	202200135	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/11/2021
DECORAH IMPLEMENT COMPANY	50	WINNESHIEK	IA9630768	TNC	202200113	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/27/2021
DECORAH SALES COMMISSION	105	WINNESHIEK	IA9630212	TNC	202200132	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/9/2021
DEDHAM WATER SUPPLY	224	CARROLL	IA1433016	CWS	202101777	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/23/2021
DEDHAM WATER SUPPLY	224	CARROLL	IA1433016	CWS	202200060	Total Haloacetic Acids (HAA5)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2021
DEDHAM WATER SUPPLY	224	CARROLL	IA1433016	CWS	202200061	Total Trihalomethanes (TTHM)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2021
DEER CREEK SUBDIVISION (FORT DODGE)	55	WEBSTER	IA9433302	CWS	202200709	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/5/2022
DEERWOOD ESTATES UTILITIES	195	WEBSTER	IA9433349	CWS	202101780	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/20/2021
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	202101630	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/22/2022
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	202101954	E. coli	20-Aug-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	3/21/2022
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	202200001	Nitrate (as N)	30-Sep-21	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/30/2022
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	202200396	Failure to conduct Public Notice	07-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/16/2021
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	202200249	Nitrate (as N)	31-Oct-21	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/30/2022
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	202200529	Failure to conduct Public Notice	03-Nov-21	Public Notice Rule Linked to Violation	PN	NOV Issued	12/29/2021
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	202200632	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/31/2022
DEFIANCE WATER DEPARTMENT	245	SHELBY	IA8315018	CWS	202100754	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/1/2021
DELHI WATER SUPPLY	420	DELAWARE	IA2817020	CWS	202101223	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/22/2021
DENALI'S ON THE RIVER	185	BUCHANAN	IA1037899	TNC	202100922	Coliform (TCR)	28-Feb-21	Operations Report	RPT	Compliance Achieved	3/22/2021
DENALI'S ON THE RIVER	185	BUCHANAN	IA1037899	TNC	202101201	Coliform (TCR)	30-Apr-21	Operations Report	RPT	Compliance Achieved	6/22/2021



Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
DENALI'S ON THE RIVER	185	BUCHANAN	IA1037899	TNC	202101356	Coliform (TCR)	31-May-21	Operations Report	RPT	Compliance Achieved	6/22/2021
DENALI'S ON THE RIVER	185	BUCHANAN	IA1037899	TNC	202101539	Coliform (TCR)	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/19/2021
DENALI'S ON THE RIVER	185	BUCHANAN	IA1037899	TNC	202101818	Chlorine	31-Jul-21	Operations Report	RPT	Compliance Achieved	9/3/2021
DEVILS CREEK ESTATES HOME ASSOC	145	SCOTT	IA8218301	CWS	202200144	E. coli	11-Sep-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/1/2021
DIAGONAL WATER DEPARTMENT	344	RINGGOLD	IA8018040	CWS	202101930	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/13/2021
DIVIDE HILL BAR & GRILL	50	MONONA	IA6715203	TNC	202100814	Failure to conduct Public Notice	25-Jan-21	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2021
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	202101715	Failure to conduct Public Notice	31-Jul-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202100752	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/9/2021
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202100878	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/9/2021
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202101290	Failure to conduct Public Notice	22-May-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/22/2022
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202101510	Failure to conduct Public Notice	29-Jun-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/22/2022
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202101678	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/8/2021
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202101931	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/8/2021
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202200525	Failure to conduct Public Notice	22-Nov-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/22/2022
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202200490	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/4/2022
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202200664	Failure to conduct Public Notice	28-Dec-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/22/2022
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202200625	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/4/2022
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202101132	Failure to conduct Public Notice	25-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/10/2021
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202101131	Failure to conduct Public Notice	28-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2021
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202101585	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/30/2022
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202101254	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/16/2021
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202200361	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/25/2022
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	202101941	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/20/2021
DURANGO DEPOT	40	DUBUQUE	IA3128204	TNC	202100976	Nitrate (as N)	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/10/2021
EAGLE GROVE COUNTRY CLUB	51	WRIGHT	IA9926809	TNC	202100758	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/10/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
EAGLE GROVE COUNTRY CLUB	51	WRIGHT	IA9926809	TNC	202101292	Failure to conduct Public Notice	21-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	6/24/2021
EAGLE GROVE COUNTRY CLUB	51	WRIGHT	IA9926809	TNC	202101255	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2021
EAGLE GROVE COUNTRY CLUB	51	WRIGHT	IA9926809	TNC	202101935	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/29/2021
EAGLE GROVE COUNTRY CLUB	51	WRIGHT	IA9926809	TNC	202200170	Failure to conduct Public Notice	28-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2021
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202101123	Failure to conduct Public Notice	22-Apr-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202101125	Failure to conduct Public Notice	22-Apr-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202101124	Failure to conduct Public Notice	24-Apr-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202101237	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/20/2021
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202101712	Failure to conduct Public Notice	31-Jul-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202200327	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/21/2022
ELK HORN MUNI WATER WORKS	601	SHELBY	IA8325013	CWS	202101681	Sodium	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2022
ELK HORN MUNI WATER WORKS	601	SHELBY	IA8325013	CWS	202101786	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	1/10/2022
ELK HORN MUNI WATER WORKS	601	SHELBY	IA8325013	CWS	202200562	Chlorine	30-Sep-21	Record Keeping	RPT	Compliance Achieved	5/11/2022
ELK HORN MUNI WATER WORKS	601	SHELBY	IA8325013	CWS	202200357	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/27/2021
ELK HORN MUNI WATER WORKS	601	SHELBY	IA8325013	CWS	202200563	Chlorine	31-Oct-21	Record Keeping	RPT	Compliance Achieved	5/11/2022
ELK HORN MUNI WATER WORKS	601	SHELBY	IA8325013	CWS	202200491	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/27/2021
ELK HORN MUNI WATER WORKS	601	SHELBY	IA8325013	CWS	202200564	Chlorine	30-Nov-21	Record Keeping	RPT	Compliance Achieved	5/11/2022
ELK LODGE # 297	56	DUBUQUE	IA3100724	TNC	202101421	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/17/2021
ELKADER GRACE EVANGELICAL FREE CHURCH	120	CLAYTON	IA2223801	TNC	202101697	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/3/2021
ESSEX WATER SUPPLY	722	PAGE	IA7349023	CWS	202101053	Manganese	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/13/2021
EXIRA WATER DEPT	787	AUDUBON	IA0520030	CWS	202200468	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/7/2021
F B & COMPANY	42	LINN	IA5720201	TNC	202101937	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/29/2021
F B & COMPANY	42	LINN	IA5720201	TNC	202200362	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/29/2021
F B & COMPANY	42	LINN	IA5720201	TNC	202200628	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/27/2022

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
F B & COMPANY	42	LINN	IA5720201	TNC	202200629	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/27/2022
FC UNITED SOCCER CLUB INC	100	LINN	IA5715215	TNC	202200136	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/16/2021
FERTILE MUNICIPAL WATER	305	WORTH	IA9820010	CWS	202101782	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/15/2021
FERTILE MUNICIPAL WATER	305	WORTH	IA9820010	CWS	202200526	Failure to conduct Public Notice	22-Nov-21	Public Notice Rule Linked to Violation	PN	NOV Issued	12/16/2021
FISHER WELL OWNERS ASSOCIATION	80	JOHNSON	IA5285305	CWS	202101831	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/8/2021
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	202101694	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/2/2021
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	202200531	Failure to conduct Public Notice	22-Nov-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/28/2021
FLYING J NO 572	1892	HAMILTON	IA4070204	NTNC	202101000	Lead 90th % Value	01-Mar-21	Variance/Exemption /Compliance Schedule	V/E	Lead/Copper DEEM	3/8/2022
FONTANELLE WATER WORKS	676	ADAIR	IA0135046	CWS	202101568	Failure to obtain a Construction Permit	03-Aug-21	Construction Without Permit	STA	Compliance Achieved	8/4/2021
FREDERICKSBURG WATER SUPPLY	987	CHICKASAW	IA1940068	CWS	202200064	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/4/2021
FREDERICKSBURG WATER SUPPLY	987	CHICKASAW	IA1940068	CWS	202200301	Sodium	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/2/2021
FREMONT GOLF COURSE	129	FREMONT	IA3661884	TNC	202101629	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/1/2021
FREMONT GOLF COURSE	129	FREMONT	IA3661884	TNC	202101424	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/7/2021
FREMONT GOLF COURSE	129	FREMONT	IA3661884	TNC	202200084	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/16/2022
G G BROTHERS	395	CEDAR	IA1600605	TNC	202200600	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/25/2022
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202100897	Arsenic	31-Mar-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/4/2022
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202100932	Arsenic	30-Jun-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/4/2022
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202101574	Arsenic	30-Sep-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/4/2022
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202200271	Arsenic	31-Dec-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/4/2022
GAVIN ESTATES	52	DUBUQUE	IA3100823	CWS	202200609	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/10/2022
GAVIN ESTATES	52	DUBUQUE	IA3100823	CWS	202200723	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/27/2022
GILBERT WATER SUPPLY	1211	STORY	IA8531083	CWS	202200492	Total Trihalomethanes (TTHM)	31-Oct-21	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/31/2022
GILBERT WATER SUPPLY	1211	STORY	IA8531083	CWS	202200493	Total Haloacetic Acids (HAA5)	31-Oct-21	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/31/2022

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
GILBERTSON PARK	117	FAYETTE	IA3338402	TNC	202200637	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/17/2022
GILBERTSON PARK	117	FAYETTE	IA3338402	TNC	202200638	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/17/2022
GLENN OAKS ADDITION	58	LINN	IA5784313	CWS	202101536	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/15/2021
GLENN OAKS ADDITION	58	LINN	IA5784313	CWS	202200210	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	10/22/2021
GO THE DISTANCE BASEBALL LLC	25	DUBUQUE	IA3130203	TNC	202200513	Nitrate (as N)	30-Nov-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/1/2021
GO THE DISTANCE BASEBALL LLC	25	DUBUQUE	IA3130203	TNC	202200514	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/1/2021
GOOSEYS BAR & GRILL	42	MITCHELL	IA6634202	TNC	202200363	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/18/2021
GOULDSBURG PARK	30	FAYETTE	IA3383903	TNC	202200316	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/16/2021
GRACE LUTHERAN CAMP INC	30	CLINTON	IA2330401	TNC	202100859	Nitrate (as N)	28-Feb-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/21/2021
GRACE LUTHERAN CAMP INC	30	CLINTON	IA2330401	TNC	202101222	Nitrate (as N)	31-May-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/24/2021
GRAND VIEW RESORT	35	PALO ALTO	IA2100625	TNC	202101219	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/16/2021
GRAND VIEW RESORT	35	PALO ALTO	IA2100625	TNC	202101607	Failure to complete Start-Up Procedures	31-May-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	12/8/2021
GRAND VIEW RESORT	35	PALO ALTO	IA2100625	TNC	202101645	Manganese	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/28/2021
GRANDVIEW MUNI WATER DEPT	437	LOUISA	IA5842000	CWS	202101442	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/11/2022
GRANGER MUNI WATER SUPPLY	1654	DALLAS	IA2537001	CWS	202101800	Copper	30-Jun-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/27/2021
GREEN VALLEY GOLF COURSE	180	WOODBURY	IA9778201	TNC	202101094	Manganese	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/16/2021
GRIMES WATER SUPPLY	15392	POLK	IA7736011	CWS	202100967	Nitrite (as N)	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/15/2021
GUTTENBERG WATER UTILITY	1817	CLAYTON	IA2242018	CWS	202101966	Copper	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	Compliance Achieved	11/22/2021
HALBUR WATER SUPPLY	243	CARROLL	IA1444022	CWS	202100722	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/22/2021
HANLONTOWN WATER SUPPLY SYSTEM	206	WORTH	IA9830001	CWS	202200711	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/28/2022
HARBORVIEW LEASING LLC	117	SCOTT	IA8271101	TNC	202200121	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/4/2021
HARTMAN RIVERSIDE CAMP #1	46	ALLAMAKEE	IA0300645	TNC	202101215	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/21/2021
HARTMAN RIVERSIDE CAMP #1	46	ALLAMAKEE	IA0300645	TNC	202101402	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/26/2021
HARVEST FARM CAMPGROUND LLC	129	WINNESHIEK	IA9666201	TNC	202101085	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/3/2021
HARVEST FARM CAMPGROUND LLC	129	WINNESHIEK	IA9666201	TNC	202101587	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/20/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
HASTINGS WATER SUPPLY	152	MILLS	IA6527038	CWS	202101668	Sodium	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/25/2021
HEDRICK WATER SUPPLY	728	KEOKUK	IA5432042	CWS	202100871	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/1/2021
HERITAGE OAKS GOLF & COUNTRY CLUB	60	LOUISA	IA5879826	TNC	202101631	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	NOV Issued	8/16/2021
HI POINT GOLF COURSE	153	JOHNSON	IA5225802	TNC	202101622	Failure to complete Start-Up Procedures	31-Mar-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/14/2022
HIDDEN HILLS GOLF COURSE	155	SCOTT	IA8209802	TNC	202200108	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/7/2021
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	202101189	Failure to Maintain Microbial Treatment	30-Apr-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	9/7/2021
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	202101601	Failure to Maintain Microbial Treatment	31-Jul-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	9/7/2021
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	202200741	Failure to Maintain Microbial Treatment	31-Dec-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	4/7/2022
HILLCREST ACADEMY	202	WASHINGTON	IA9233520	NTNC	202101077	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/4/2021
HILLCREST ACADEMY	202	WASHINGTON	IA9233520	NTNC	202101078	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/4/2021
HILLCREST ACADEMY	202	WASHINGTON	IA9233520	NTNC	202101448	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/14/2021
HILLCREST ACADEMY	202	WASHINGTON	IA9233520	NTNC	202101449	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/14/2021
HILLTOP ROAD ASSOCIATION #1	45	MUSCATINE	IA7048392	CWS	202101670	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2021
HIM HEARTH N HOME COOKING	57	WASHINGTON	IA9233205	TNC	202100895	Failure to conduct Public Notice	22-Feb-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/15/2021
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	202101009	Nitrate (as N)	30-Jun-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	4/30/2021
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	202101187	Nitrate (as N)	30-Jun-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	6/4/2021
HITCHCOCK NATURE CENTER	32	POTTAWATTA MIE	IA7836445	TNC	202200374	E. coli	09-Oct-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/10/2022
HOMESTEAD WATER SUPPLY	135	IOWA	IA4830036	CWS	202101008	Radium, Combined (226, 228)	31-Mar-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/17/2022
HOMESTEAD WATER SUPPLY	135	IOWA	IA4830036	CWS	202101749	Radium, Combined (226, 228)	30-Jun-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/17/2022
HOMESTEAD WATER SUPPLY	135	IOWA	IA4830036	CWS	202200413	Radium, Combined (226, 228)	30-Sep-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/17/2022
HOMESTEAD WATER SUPPLY	135	IOWA	IA4830036	CWS	202200719	Radium, Combined (226, 228)	31-Dec-21	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/17/2022
HORSE CREEK ADVENTURES	32	FREMONT	IA3661401	TNC	202101279	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/5/2021
HORSE CREEK ADVENTURES	32	FREMONT	IA3661401	TNC	202101484	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/5/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
HORSE CREEK ADVENTURES	32	FREMONT	IA3661401	TNC	202101485	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/29/2021
HORSE CREEK ADVENTURES	32	FREMONT	IA3661401	TNC	202101486	Nitrite (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/29/2021
HORSE CREEK ADVENTURES	32	FREMONT	IA3661401	TNC	202101704	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/5/2021
HORSE CREEK ADVENTURES	32	FREMONT	IA3661401	TNC	202200369	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/17/2021
HOWARD H CHERRY SCOUT RESERVATION	155	LINN	IA5720421	TNC	202101045	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/12/2021
HWH CORPORATION (WEST)	50	CEDAR	IA7078101	NTNC	202101936	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/7/2021
HWH CORPORATION (WEST)	50	CEDAR	IA7078101	NTNC	202200115	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/7/2021
INTERSTATE PARK	50	MITCHELL	IA6663903	TNC	202200148	E. coli	20-Sep-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/5/2021
INTERSTATE PARK	50	MITCHELL	IA6663903	TNC	202200350	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/9/2022
INWOOD WATER SUPPLY	928	LYON	IA6040076	CWS	202200701	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/14/2022
IOWA CITY MHP LLC	280	JOHNSON	IA5200601	CWS	202101842	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/26/2021
JACOBS LANDING HOA	84	JOHNSON	IA5280306	CWS	202101836	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/10/2021
JERICO JOS	28	CHICKASAW	IA1951201	TNC	202101939	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/27/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202100808	Failure to conduct Public Notice	24-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202100869	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/13/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202100991	Failure to conduct Public Notice	20-Mar-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202101239	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/30/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202101506	Failure to conduct Public Notice	29-Jun-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/11/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202101436	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/30/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202101665	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/30/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202101915	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/30/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202200162	Failure to conduct Public Notice	28-Sep-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/11/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202200092	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/13/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202200382	Failure to conduct Public Notice	26-Oct-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/11/2021



Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202200383	Failure to conduct Public Notice	28-Oct-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/11/2021
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202200484	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/7/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202100935	Chlorine	31-Jan-21	Operations Report	RPT	NOV Issued	2/16/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202101004	Chlorine	31-Mar-21	Operations Report	RPT	NOV Issued	4/26/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202101188	Chlorine	30-Apr-21	Operations Report	RPT	NOV Issued	5/17/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202101635	Chlorine	31-May-21	Operations Report	RPT	NOV Issued	6/14/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202101516	Failure to conduct Public Notice	25-Jun-21	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202101636	Chlorine	30-Jun-21	Operations Report	RPT	NOV Issued	7/13/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202101718	Failure to conduct Public Notice	22-Jul-21	Public Notice Rule Linked to Violation	PN	NOV Issued	8/18/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202101637	Chlorine	31-Jul-21	Operations Report	RPT	NOV Issued	8/16/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202200176	Failure to conduct Public Notice	16-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202200395	Failure to conduct Public Notice	16-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202200443	Chlorine	31-Oct-21	Operations Report	RPT	NOV Issued	11/17/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202200528	Failure to conduct Public Notice	17-Nov-21	Public Notice Rule Linked to Violation	PN	NOV Issued	12/16/2021
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202200534	Chlorine	30-Nov-21	Operations Report	RPT	NOV Issued	12/13/2021
KALMES STORE	112	JACKSON	IA4979796	TNC	202200150	E. coli	26-Sep-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/28/2021
KELLERTON WATER SUPPLY	243	RINGGOLD	IA8040015	CWS	202100877	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/8/2021
KENDALLVILLE PARK	50	WINNESHIEK	IA9615901	TNC	202101253	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/10/2021
KEOTA WATER DEPT	897	KEOKUK	IA5440028	CWS	202200343	Sodium	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/8/2022
KESSLERS HOMEOWNERS ASSN	65	JOHNSON	IA5200802	CWS	202200088	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/4/2021
KEYSTONE WATER SUPPLY	599	BENTON	IA0640030	CWS	202100938	Nitrite (as N)	30-Apr-21	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/12/2021
KEYSTONE WATER SUPPLY	599	BENTON	IA0640030	CWS	202101394	Failure to Maintain Microbial Treatment	30-Jun-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	9/7/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100675	Failure to conduct Public Notice	01-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100802	Failure to conduct Public Notice	20-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100803	Failure to conduct Public Notice	20-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100804	Failure to conduct Public Notice	21-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100725	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100815	Chlorine	31-Jan-21	Operations Report	RPT	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100887	Failure to conduct Public Notice	16-Feb-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100888	Failure to conduct Public Notice	21-Feb-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100885	Failure to conduct Public Notice	22-Feb-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100886	Failure to conduct Public Notice	22-Feb-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100861	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100919	Chlorine	28-Feb-21	Operations Report	RPT	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100989	Failure to conduct Public Notice	20-Mar-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100954	Coliform bacteria	31-Mar-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202100955	Nitrate (as N)	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101003	Chlorine	31-Mar-21	Operations Report	RPT	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101121	Failure to conduct Public Notice	24-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101122	Failure to conduct Public Notice	24-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101119	Failure to conduct Public Notice	25-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101120	Failure to conduct Public Notice	25-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101034	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101191	Chlorine	30-Apr-21	Operations Report	RPT	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101287	Failure to conduct Public Notice	20-May-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101286	Failure to conduct Public Notice	21-May-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/28/2021
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101226	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/16/2022
KNAPP MOBILE HOME COURT NO 4	20	DUBUQUE	IA3100602	CWS	202101355	Chlorine	31-May-21	Operations Report	RPT	Compliance Achieved	2/16/2022
KROUL FARMS	55	LINN	IA5758203	TNC	202101303	Failure to conduct Public Notice	20-May-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2021
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	202101318	Chlorine	31-May-21	Operations Report	RPT	Compliance Achieved	9/9/2021
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	202101638	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	9/9/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	202101723	Chlorine	31-Jul-21	Operations Report	RPT	Compliance Achieved	9/9/2021
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	202101910	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/16/2021
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	202200435	Failure to Maintain Microbial Treatment	31-Aug-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	11/4/2021
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	202200159	Failure to conduct Public Notice	24-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2021
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	202200557	Failure to Maintain Microbial Treatment	31-Dec-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	1/26/2022
LAKE MACBRIDE GOLF COURSE	45	JOHNSON	IA5282803	TNC	202101595	Chlorine	28-Feb-21	Operations Report	RPT	Compliance Achieved	4/10/2022
LAKE MACBRIDE GOLF COURSE	45	JOHNSON	IA5282803	TNC	202100961	Coliform bacteria	31-Mar-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/21/2021
LAKE MACBRIDE HEIGHTS HOA	69	JOHNSON	IA5282305	CWS	202101826	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/15/2021
LAKESIDE ESTATES LLC	823	POTTAWATTA MIE	IA7812601	CWS	202101001	Failure to issue Lead Consumer Notice	15-Apr-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	8/13/2021
LAMONT WATER SUPPLY	429	BUCHANAN	IA1051051	CWS	202200722	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/9/2022
LANESBORO WATER WORKS	119	CARROLL	IA1449053	CWS	202100565	Arsenic	31-Mar-21	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/6/2021
LANESBORO WATER WORKS	119	CARROLL	IA1449053	CWS	202101778	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/15/2021
LAWTON WATER SUPPLY	943	WOODBURY	IA9743065	CWS	202200499	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/2/2021
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202100833	Failure to meet Compliance Schedule	31-Jan-21	Variance/Exemption /Compliance Schedule	V/E	Compliance Achieved	10/20/2021
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202101140	Failure to conduct Public Notice	22-Apr-21	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2021
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202101141	Failure to conduct Public Notice	22-Apr-21	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2021
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202100929	Nitrate (as N)	30-Apr-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	4/8/2021
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202101026	Nitrate (as N)	31-May-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	5/13/2021
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202101740	Nitrate (as N)	31-Aug-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	8/19/2021
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202200196	Nitrate (as N)	31-Oct-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	10/21/2021
LENWOOD UTILITIES	255	BLACK HAWK	IA0717353	CWS	202101806	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/7/2021
LEON WATER SUPPLY	1822	DECATUR	IA2742076	CWS	202200556	Total Haloacetic Acids (HAAs)	31-Dec-21	MCL (Chem-Rad), Average	MCL	NOV Issued	1/5/2022

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LILY JACK SALOON	30	MONONA	IA6715204	TNC	202200650	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/20/2022
LILY JACK SALOON	30	MONONA	IA6715204	TNC	202200651	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/30/2022
LILY JACK SALOON	30	MONONA	IA6715204	TNC	202200652	Nitrite (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/20/2022
LINDSEY ESTATES	58	JOHNSON	IA5285301	CWS	202101827	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/13/2021
LINN CO ENGINEER AND SECONDARY ROADS	658	LINN	IA5700900	NTNC	202100712	Failure to issue Lead Consumer Notice	09-Feb-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/19/2021
LINN GROVE WATER WORKS	163	BUENA VISTA	IA1147085	CWS	202200699	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/14/2022
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	202200843	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	4/18/2022
LITTLE SIOUX WATER DEPARTMENT	166	HARRISON	IA4333089	CWS	202100564	Failure to meet Compliance Schedule	12-Jan-21	Variance/Exemption /Compliance Schedule	V/E	BCA Signed	4/29/2022
LITTLE SIOUX WATER DEPARTMENT	166	HARRISON	IA4333089	CWS	202200777	Manganese	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2022
LOFTED VIEW EVENTS	314	WOODBURY	IA9778202	TNC	202100984	Nitrate (as N)	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2021
LOFTED VIEW EVENTS	314	WOODBURY	IA9778202	TNC	202101483	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2021
LOGAN-MISSOURI VALLEY COUNTRY CLUB	178	HARRISON	IA4337201	TNC	202200364	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/17/2022
LONE TREE MUNI WATER SYSTEM	1357	JOHNSON	IA5240095	CWS	202200036	Copper	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/18/2021
LONE TREE MUNI WATER SYSTEM	1357	JOHNSON	IA5240095	CWS	202200841	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/24/2022
LONGVIEW ESTATES HOA (NORTH LIBERTY)	108	JOHNSON	IA5252302	CWS	202101838	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/9/2021
LOST BEACH RESORT	50	DELAWARE	IA2817401	TNC	202101349	Coliform (TCR)	31-May-21	Operations Report	RPT	Compliance Achieved	6/22/2021
LOWER DEER CREEK MENNONITE CHURCH	36	JOHNSON	IA9233803	TNC	202101947	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/15/2021
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	202101138	Failure to conduct Public Notice	20-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2021
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	202101139	Failure to conduct Public Notice	21-Apr-21	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2021
LYON-SIOUX RWS-BIG SIOUX	1445	LYON	IA6000755	CWS	202101666	Radium, Combined (226, 228)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2021
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	202100834	Arsenic	31-Mar-21	MCL (Chem-Rad), Average	MCL	BCA Signed	8/15/2021
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	202101161	Arsenic	30-Jun-21	MCL (Chem-Rad), Average	MCL	BCA Signed	8/15/2021
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	202200421	Arsenic	30-Sep-21	MCL (Chem-Rad), Average	MCL	BCA Signed	8/15/2021

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MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	202200549	Arsenic	31-Dec-21	MCL (Chem-Rad), Average	MCL	BCA Signed	8/15/2021
MAHARISHI VEDIC CITY WATER SUPPLY	60	JEFFERSON	IA5159001	CWS	202200649	Total Trihalomethanes (TTHM)	30-Nov-21	Monitoring (DBP), Routine Major	MON	Compliance Achieved	2/21/2022
MALLARD WATER SUPPLY	257	PALO ALTO	IA7450019	CWS	202100930	Arsenic	31-Mar-21	MCL (Chem-Rad), Average	MCL	BCA Signed	3/28/2022
MALLARD WATER SUPPLY	257	PALO ALTO	IA7450019	CWS	202101333	Arsenic	30-Jun-21	MCL (Chem-Rad), Average	MCL	BCA Signed	3/28/2022
MALLARD WATER SUPPLY	257	PALO ALTO	IA7450019	CWS	202200005	Arsenic	30-Sep-21	MCL (Chem-Rad), Average	MCL	BCA Signed	3/28/2022
MALLARD WATER SUPPLY	257	PALO ALTO	IA7450019	CWS	202200835	Arsenic	31-Dec-21	MCL (Chem-Rad), Average	MCL	BCA Signed	3/28/2022
MALVERN WATER SUPPLY	1046	MILLS	IA6545020	CWS	202101242	Nitrate (as N)	31-May-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/23/2021
MANCHESTER LIVESTOCK AUCTION	123	DELAWARE	IA2839202	TNC	202100920	Nitrate (as N)	28-Feb-21	Operations Report	RPT	Compliance Achieved	4/9/2021
MAPLEWOOD ESTATES MHP	245	MUSCATINE	IA7000601	CWS	202101051	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/26/2021
MAQUOKETA CAVES STATE PARK #3	50	JACKSON	IA4950923	TNC	202101716	Failure to conduct Public Notice	31-Jul-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
MARCUS WATER SUPPLY	1079	CHEROKEE	IA1838032	CWS	202200755	Gross Alpha, excluding Rn & U	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/23/2022
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202100813	Failure to conduct Public Notice	24-Jan-21	Public Notice Rule Linked to Violation	PN	NOV Issued	2/18/2021
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202101297	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202101298	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/28/2021
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202101466	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/1/2021
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202101950	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/29/2021
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202200131	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/29/2021
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202200399	Failure to conduct Public Notice	26-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/16/2021
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202200669	Failure to conduct Public Notice	28-Dec-21	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2022
MARTELLE WATER WORKS	249	JONES	IA5337046	CWS	202101833	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/25/2021
MATLOCK WATER SUPPLY	74	SIoux	IA8455056	CWS	202200706	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/8/2022
MAXWELL WATER DEPARTMENT	859	STORY	IA8557058	CWS	202101447	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/6/2021
MAYNES GROVE - FRANKLIN CO CONSERVATION	100	FRANKLIN	IA3544401	TNC	202101097	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/27/2021
MECHANICSVILLE WATER DEPT	1020	CEDAR	IA1667076	CWS	202101596	Chlorine	31-May-21	Operations Report	RPT	Compliance Achieved	3/9/2022

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
MID RIVER MARINA	31	JOHNSON	IA5252202	TNC	202101091	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/1/2021
MIDDLETOWN WATER SUPPLY	363	DES MOINES	IA2952075	CWS	202100860	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/4/2021
MILES WATER DEPARTMENT	408	JACKSON	IA4953078	CWS	202101554	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	8/10/2021
MILES WATER DEPARTMENT	408	JACKSON	IA4953078	CWS	202200838	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/14/2022
MILO PUBLIC WATER SUPPLY	788	WARREN	IA9155083	CWS	202101682	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/15/2021
MINGO WATER DEPARTMENT	302	JASPER	IA5052087	CWS	202101434	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/1/2021
MINGO WATER DEPARTMENT	302	JASPER	IA5052087	CWS	202200086	Total Trihalomethanes (TTHM)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	11/4/2021
MINGO WATER DEPARTMENT	302	JASPER	IA5052087	CWS	202200087	Total Haloacetic Acids (HAA5)	31-Aug-21	Monitoring (DBP), Routine Major	MON	NOV Issued	11/4/2021
MITCHELLVILLE WATER SUPPLY	2515	POLK	IA7751092	CWS	202100968	Nitrate (as N)	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/11/2021
MONTICELLO JELLYSTONE PARK	153	JONES	IA5343203	TNC	202101451	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2021
MONTICELLO JELLYSTONE PARK	153	JONES	IA5343203	TNC	202101687	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2021
MONTICELLO JELLYSTONE PARK	153	JONES	IA5343203	TNC	202200116	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/4/2021
MONTICELLO JELLYSTONE PARK	153	JONES	IA5343203	TNC	202200389	Failure to conduct Public Notice	26-Oct-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/15/2022
MONTICELLO JELLYSTONE PARK II	50	JONES	IA5343204	TNC	202101455	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2021
MONTICELLO JELLYSTONE PARK II	50	JONES	IA5343204	TNC	202101688	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2021
MONTICELLO JELLYSTONE PARK II	50	JONES	IA5343204	TNC	202200118	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/4/2021
MONTICELLO JELLYSTONE PARK II	50	JONES	IA5343204	TNC	202200392	Failure to conduct Public Notice	26-Oct-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/15/2022
MONTIPARK LLC	60	JONES	IA5300688	CWS	202101358	Failure to Maintain Microbial Treatment	30-Jun-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	9/7/2021
MONTIPARK LLC	60	JONES	IA5300688	CWS	202101832	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/7/2021
MONTROSE WATER WORKS	738	LEE	IA5650003	CWS	202101437	Nitrite (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/21/2021
MONTROSE WATER WORKS	738	LEE	IA5650003	CWS	202200620	Nitrite (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/30/2022
MOONSHINE TAP	33	CHICKASAW	IA1974222	TNC	202101218	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2021
MORLEY MUNICIPAL WATER SUPPLY	98	JONES	IA5349001	CWS	202101834	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/7/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
MUSCATINE MUNI GOLF COURSE	260	MUSCATINE	IA7048837	TNC	202101444	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/3/2021
NASHUA TOWN AND COUNTRY CLUB	60	CHICKASAW	IA1967873	TNC	202200066	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/21/2021
NE IOWA CHRISTIAN SERVICE CAMP	75	BUTLER	IA1222404	TNC	202200469	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/27/2021
NEOLA LIGHT & WATER	918	POTTAWATTAMIE	IA7853043	CWS	202100970	Nitrate (as N)	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/5/2021
NEW COOPERATIVE ROWAN MILL	25	FRANKLIN	IA9958101	NTNC	202200137	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/7/2021
NEW COOPERATIVE, INC (ROELYN)	80	WEBSTER	IA9475101	NTNC	202100983	Coliform bacteria	31-Mar-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/14/2021
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	202100858	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/18/2021
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	202200149	E. coli	25-Sep-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/28/2021
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	202200067	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/27/2021
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	202200474	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/6/2021
NEW HARTFORD WATER SUPPLY	570	BUTLER	IA1271058	CWS	202200294	Copper	30-Sep-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2021
NEW HARTFORD WATER SUPPLY	570	BUTLER	IA1271058	CWS	202200295	Lead	30-Sep-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2021
NEW LONDON MUNIC WATER DEPT	1910	HENRY	IA4458060	CWS	202200321	Gross Alpha, excluding Rn & U	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/19/2022
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	202101266	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	AO with penalty	5/11/2022
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	202101267	Nitrate (as N)	31-May-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/28/2021
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	202200180	Failure to conduct Public Notice	28-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/21/2021
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	202200181	Failure to conduct Public Notice	28-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/21/2021
NORTH TWIN VIEW HEIGHTS	180	JOHNSON	IA5200813	CWS	202100867	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/13/2021
OAK RIDGE LAKE ESTATES	88	JOHNSON	IA5225302	CWS	202201104	Disinfection Byproducts Rule	31-Oct-21	Qualified Operator Failure	TT	Compliance Achieved	1/4/2022
OAK RIDGE LAKE ESTATES	88	JOHNSON	IA5225302	CWS	202200840	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/27/2021
OAK VALLEY	100	LINN	IA5784311	CWS	202101534	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/15/2021
OAK VALLEY	100	LINN	IA5784311	CWS	202200209	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	10/22/2021
OAKDALE HOSPITAL WATER SYSTEM	450	JOHNSON	IA5200982	NTNC	202101984	Copper	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	9/28/2021
OBIES	64	JACKSON	IA4938205	TNC	202100743	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/1/2021
OBIES	64	JACKSON	IA4938205	TNC	202100891	Failure to conduct Public Notice	22-Feb-21	Public Notice Rule Linked to Violation	PN	NOV Issued	3/25/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
OBIES	64	JACKSON	IA4938205	TNC	202101042	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2021
OBIES	64	JACKSON	IA4938205	TNC	202101236	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2021
OBIES	64	JACKSON	IA4938205	TNC	202200326	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/15/2021
ODESSA GRILL	32	LOUISA	IA5879201	TNC	202101632	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/15/2021
ODESSA GRILL	32	LOUISA	IA5879201	TNC	202101261	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/15/2021
ODESSA GRILL	32	LOUISA	IA5879201	TNC	202101456	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/15/2021
ODESSA GRILL	32	LOUISA	IA5879201	TNC	202101690	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/15/2021
ONAWA KOA	278	MONONA	IA6739434	TNC	202200353	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/6/2022
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202100958	Coliform bacteria	31-Mar-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2021
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202101556	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	9/10/2021
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202101819	Chlorine	31-Jul-21	Operations Report	RPT	Compliance Achieved	9/10/2021
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202200082	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/28/2021
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202200202	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	11/19/2021
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202200678	Chlorine	31-Dec-21	Operations Report	RPT	Compliance Achieved	1/24/2022
ORCHARD HEIGHTS SUBDIVISION	78	JOHNSON	IA5285303	CWS	202101828	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/13/2021
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202100810	Failure to conduct Public Notice	26-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202100894	Failure to conduct Public Notice	22-Feb-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202101353	Chlorine	31-May-21	Operations Report	RPT	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202101538	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202101515	Failure to conduct Public Notice	01-Jul-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202101717	Failure to conduct Public Notice	22-Jul-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202200175	Failure to conduct Public Notice	02-Sep-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202200393	Failure to conduct Public Notice	16-Oct-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202200394	Failure to conduct Public Notice	16-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2021



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OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202200423	Chlorine	31-Oct-21	Operations Report	RPT	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202200527	Failure to conduct Public Notice	17-Nov-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202200505	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/13/2022
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202200538	Chlorine	30-Nov-21	Operations Report	RPT	Compliance Achieved	1/13/2022
OTO WATER SUPPLY	72	WOODBURY	IA9758023	CWS	202101787	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/29/2021
OTTOSEN WATER SUPPLY	40	HUMBOLDT	IA4652011	CWS	202200085	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2021
OUTBACK CANOE RENTAL	27	JONES	IA5343402	TNC	202101276	Failure to complete Start-Up Procedures	31-May-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/8/2021
OUTBACK CANOE RENTAL	27	JONES	IA5343402	TNC	202101277	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/30/2021
OUTBACK CANOE RENTAL	27	JONES	IA5343402	TNC	202101889	Failure to conduct Public Notice	04-Aug-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
P.M. PARK TRUSTEES-EAST	152	CERRO GORDO	IA1716422	TNC	202101584	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/18/2022
P.M. PARK TRUSTEES-EAST	152	CERRO GORDO	IA1716422	TNC	202200152	Failure to conduct Public Notice	14-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2021
PALISADES KEPLER - PARK OFFICE	308	LINN	IA5751945	TNC	202101605	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/13/2021
PALO WATER SUPPLY	1407	LINN	IA5765101	CWS	202101537	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/13/2021
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	202100974	Failure to complete Start-Up Procedures	31-Mar-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/27/2021
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	202101257	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/13/2021
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	202200501	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/6/2022
PATHWAY CHRISTIAN SCHOOL	75	WASHINGTON	IA9233501	NTNC	202200495	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/8/2021
PAULLINA MUNICIPAL WATER SUPPLY	982	O'BRIEN	IA7139032	CWS	202200700	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/1/2022
PEACE REFORMED CHURCH	105	HANCOCK	IA4130802	TNC	202100863	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/24/2021
PETERS PARK	32	MONONA	IA6743401	TNC	202101102	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	6/7/2021
PETERS PARK	32	MONONA	IA6743401	TNC	202101103	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/17/2021
PETERSEN PROPERTIES	425	SCOTT	IA8222174	NTNC	202200845	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/7/2022
PETESCHS MHP	105	JACKSON	IA4910200	TNC	202200381	Failure to conduct Public Notice	26-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/16/2021
PILOT KNOB STATE PARK-CAMPGROUND	50	WINNEBAGO	IA9525935	TNC	202200448	Chlorine	31-Jul-21	Operations Report	RPT	Compliance Achieved	8/23/2021

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PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	202200062	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/27/2021
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	202200602	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2022
PINE LAKE CAMPS	205	HARDIN	IA4236404	TNC	202200615	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/9/2022
PLANTATION COUNTRY VIEW SUBDIVISION	32	WINNESHIEK	IA9680301	CWS	202200502	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/7/2021
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	202200427	Chlorine	31-Oct-21	Operations Report	RPT	Compliance Achieved	11/17/2021
PLYMOUTH WATER SUPPLY	378	CERRO GORDO	IA1759048	CWS	202200299	Copper	30-Sep-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2021
PLYMOUTH WATER SUPPLY	378	CERRO GORDO	IA1759048	CWS	202200300	Lead	30-Sep-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2021
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202100898	Nitrate (as N)	31-Mar-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	3/16/2021
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202101208	Nitrate (as N)	30-Jun-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	6/16/2021
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202101518	Nitrate (as N)	31-Jul-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	7/19/2021
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202101600	Nitrate (as N)	31-Aug-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	8/11/2021
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202101859	Nitrate (as N)	30-Sep-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	9/13/2021
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202200010	Nitrate (as N)	31-Oct-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	10/6/2021
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202200259	Nitrate (as N)	30-Nov-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/5/2021
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202200454	Nitrate (as N)	31-Dec-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	12/9/2021
PONY CREEK #1 HOA	125	MILLS	IA6500823	CWS	202101667	Manganese	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/27/2021
PONY CREEK #1 HOA	125	MILLS	IA6500823	CWS	202200098	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/2/2021
PONY CREEK #1 HOA	125	MILLS	IA6500823	CWS	202200099	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/2/2021
PONY CREEK #1 HOA	125	MILLS	IA6500823	CWS	202200745	Arsenic	30-Sep-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	2/15/2022
PRESTAGE FARMS INC	750	WRIGHT	IA9926102	NTNC	202200428	Lead	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/7/2022
PRESTAGE FARMS INC	750	WRIGHT	IA9926102	NTNC	202200429	Copper	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/7/2022
PRESTON VALLEY GOLF	100	JACKSON	IA4965201	TNC	202101624	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/10/2022
PRESTON VALLEY GOLF	100	JACKSON	IA4965201	TNC	202101719	Failure to conduct Public Notice	31-Jul-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/31/2022
PRESTON VALLEY GOLF	100	JACKSON	IA4965201	TNC	202200178	Failure to conduct Public Notice	16-Sep-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/31/2022
QUAKERDALE	100	HARDIN	IA4271901	CWS	202100684	Failure to conduct Public Notice	01-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/3/2022

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R PLACE PUB & PIZZA	108	STORY	IA8548201	TNC	202200140	Nitrite (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/21/2021
R PLACE PUB & PIZZA	108	STORY	IA8548201	TNC	202200141	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/21/2021
R PLACE PUB & PIZZA	108	STORY	IA8548201	TNC	202200142	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/21/2021
R PLACE PUB & PIZZA	108	STORY	IA8548201	TNC	202200648	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/21/2021
RAIL ONE USA	70	CLINTON	IA2326108	NTNC	202101699	Copper	30-Jun-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	8/25/2021
RAIL ONE USA	70	CLINTON	IA2326108	NTNC	202101700	Lead	30-Jun-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	8/25/2021
RANDOLPH WATER WORKS	189	FREMONT	IA3649072	CWS	202101653	Manganese	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2021
REGENCY WEST SUBDIVISION	46	DUBUQUE	IA3126308	CWS	202101953	E. coli	22-Aug-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/28/2021
REMSEN MUNICIPAL UTILITIES	1678	PLYMOUTH	IA7568079	CWS	202100966	Nitrate (as N)	31-Mar-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/19/2021
REMSEN MUNICIPAL UTILITIES	1678	PLYMOUTH	IA7568079	CWS	202200704	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/10/2022
RENEES ROADHOUSE	52	JOHNSON	IA5260202	TNC	202100896	Failure to conduct Public Notice	22-Feb-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/12/2021
RENEES ROADHOUSE	52	JOHNSON	IA5260202	TNC	202101693	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2021
RENEES ROADHOUSE	52	JOHNSON	IA5260202	TNC	202200507	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2021
RENWICK MUNIC WATER SUPPLY	234	HUMBOLDT	IA4669080	CWS	202200738	Failure to address a Significant Deficiency	20-Nov-21	Failure Address Deficiency (GWR)	TT	Compliance Achieved	1/24/2022
RESPONSIBLE TRANSPORTATION LLC	25	KEOKUK	IA5475101	NTNC	202200619	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/19/2022
REVELLE 6TH & 7TH ADDITION	125	SCOTT	IA8215301	CWS	202200356	Sodium	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/14/2021
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202101130	Failure to conduct Public Notice	25-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2021
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202101934	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/20/2021
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202200360	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2021
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202200666	Failure to conduct Public Notice	25-Dec-21	Public Notice Rule Linked to Violation	PN	NOV Issued	1/25/2022
RIDGEWAY, CITY OF	275	WINNESHIEK	IA9680085	CWS	202101735	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/12/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202101300	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202101301	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202101302	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202101475	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/9/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202101476	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/9/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202101477	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/9/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202101478	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/9/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202101845	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/26/2021
ROCKLYN MHP	103	POLK	IA7780601	CWS	202200803	Copper	31-Dec-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/25/2022
ROCKLYN MHP	103	POLK	IA7780601	CWS	202200804	Lead	31-Dec-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/25/2022
ROLFE WATER SUPPLY	509	POCAHONTAS	IA7639002	CWS	202101672	Manganese	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/29/2021
ROLFE WATER SUPPLY	509	POCAHONTAS	IA7639002	CWS	202200104	Manganese	31-Aug-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/13/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202101198	Chlorine	30-Apr-21	Operations Report	RPT	NOV Issued	5/24/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202101604	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	NOV Issued	8/9/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202101354	Chlorine	31-May-21	Operations Report	RPT	NOV Issued	6/14/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202101540	Chlorine	30-Jun-21	Operations Report	RPT	NOV Issued	7/13/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202101817	Chlorine	31-Jul-21	Operations Report	RPT	NOV Issued	8/16/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202101963	Chlorine	31-Aug-21	Operations Report	RPT	NOV Issued	9/16/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202200157	Failure to conduct Public Notice	16-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/20/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202200203	Chlorine	30-Sep-21	Operations Report	RPT	NOV Issued	10/14/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202200424	Chlorine	31-Oct-21	Operations Report	RPT	NOV Issued	11/14/2021
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202200522	Failure to conduct Public Notice	18-Nov-21	Public Notice Rule Linked to Violation	PN	NOV Issued	12/16/2021
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	202101112	Failure to conduct Public Notice	22-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/26/2021
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	202101111	Failure to conduct Public Notice	28-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2021
ROWAN MUNI WATER SUPPLY	123	WRIGHT	IA9958004	CWS	202101005	Failure to issue Lead Consumer Notice	31-Mar-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/10/2022
ROWAN MUNI WATER SUPPLY	123	WRIGHT	IA9958004	CWS	202101513	Failure to conduct Public Notice	16-Jun-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/22/2021
ROWAN MUNI WATER SUPPLY	123	WRIGHT	IA9958004	CWS	202101207	Coliform bacteria	30-Jun-21	MCL, EC+ (RTCR)	MCL	Compliance Achieved	7/14/2021
ROWAN MUNI WATER SUPPLY	123	WRIGHT	IA9958004	CWS	202200713	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/10/2022

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
ROYAL OAKS SUBDIVISION	163	JOHNSON	IA5282303	CWS	202101835	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/10/2021
RUSTIC OAKS HOMEOWNERS ASSN.	100	SCOTT	IA8215399	CWS	202100809	Failure to conduct Public Notice	24-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/7/2021
SAINTS PETER & PAUL LUTHERAN CHURCH	45	JONES	IA5343805	TNC	202200129	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/5/2021
SCALES POINTE	71	JOHNSON	IA5200830	TNC	202100807	Failure to conduct Public Notice	24-Jan-21	Public Notice Rule Linked to Violation	PN	NOV Issued	2/18/2021
SCENIC VIEW ESTATES	78	WINNESHIEK	IA9630307	CWS	202200498	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/7/2021
SHADY CREEK PUBLIC USE AREA 1	62	MUSCATINE	IA7048488	TNC	202101714	Failure to conduct Public Notice	31-Jul-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
SHAGBARK ESTATES	38	DUBUQUE	IA3126345	CWS	202200724	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/27/2022
SHELBY WATER SUPPLY	727	SHELBY	IA8369038	CWS	202200358	Copper	30-Sep-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/22/2021
SHELBY WATER SUPPLY	727	SHELBY	IA8369038	CWS	202200359	Lead	30-Sep-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/22/2021
SHELBY WATER SUPPLY	727	SHELBY	IA8369038	CWS	202200434	Copper	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/29/2021
SHERMAN PLACE WATER & ROAD, INC.	73	WINNESHIEK	IA9630303	CWS	202200497	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/7/2021
SILVER CITY WATER SUPPLY	245	MILLS	IA6575052	CWS	202101669	Radium, Combined (226, 228)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/21/2021
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202100880	Nitrate (as N)	28-Feb-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/1/2021
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202100831	Nitrate (as N)	31-Mar-21	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	3/3/2021
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202101083	Nitrate (as N)	30-Apr-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/17/2021
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202101258	Nitrate (as N)	31-May-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/17/2021
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202200388	Failure to conduct Public Notice	24-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/29/2021
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202200216	Nitrate (as N)	31-Oct-21	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/20/2022
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202200503	Nitrate (as N)	30-Nov-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/9/2021
SNK GAS AND FOOD LLC	50	JACKSON	IA3198799	TNC	202100862	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2021
SNK GAS AND FOOD LLC	50	JACKSON	IA3198799	TNC	202101884	Failure to conduct Public Notice	15-Aug-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
SOLDIER WATER SUPPLY	184	MONONA	IA6749061	CWS	202101784	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/16/2021
SOUTH ENGLISH WATER SUPPLY	202	KEOKUK	IA5478074	CWS	202101803	Chlorine	23-Aug-21	Record Keeping	RPT	NOV Issued	8/23/2021
SOUTH WINN GOLF CLUB	218	WINNESHIEK	IA9615867	TNC	202101079	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/11/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202200193	Failure to issue Lead Consumer Notice	30-Sep-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	10/30/2021
SPARKYS ONE STOP CALHOUN	400	CALHOUN	IA1376202	TNC	202101479	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/14/2021
SPOOK CAVE AND CAMPGROUND	118	CLAYTON	IA2258443	TNC	202200605	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/25/2022
SPORTSMENS CLUB (ROSSVILLE)	45	ALLAMAKEE	IA0385201	TNC	202200201	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	11/15/2021
SPORTSMENS CLUB (ROSSVILLE)	45	ALLAMAKEE	IA0385201	TNC	202200679	Chlorine	31-Dec-21	Operations Report	RPT	Compliance Achieved	2/4/2022
SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	202200309	Manganese	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/12/2021
SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	202200310	Manganese	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/12/2021
SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	202200311	Manganese	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/12/2021
SPRING VALLEY BIBLE CAMP	80	MUSCATINE	IA7048438	TNC	202101671	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/2/2021
SPRINGBROOK WATER DEPT	143	JACKSON	IA4984086	CWS	202200839	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/7/2022
SPRINGVILLE WATER SUPPLY	1154	LINN	IA5782087	CWS	202101438	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2021
STARMONT COMMUNITY SCHOOL DISTRICT	742	CLAYTON	IA3307571	NTNC	202200079	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2021
STARMONT COMMUNITY SCHOOL DISTRICT	742	CLAYTON	IA3307571	NTNC	202200080	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2021
STARMONT COMMUNITY SCHOOL DISTRICT	742	CLAYTON	IA3307571	NTNC	202200081	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2021
STARMONT COMMUNITY SCHOOL DISTRICT	742	CLAYTON	IA3307571	NTNC	202200610	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2022
STARMONT COMMUNITY SCHOOL DISTRICT	742	CLAYTON	IA3307571	NTNC	202200611	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2022
STONE CITY GENERAL STORE PUB	108	JONES	IA5307201	TNC	202101043	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/26/2021
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	202101274	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/2/2021
STUMBLE INN	46	FRANKLIN	IA3509753	TNC	202200735	Chlorine	31-Dec-21	Operations Report	RPT	Compliance Achieved	2/10/2022
SUNNY BRAE GOLF & COUNTRY CLUB	63	MITCHELL	IA6663201	TNC	202101128	Failure to conduct Public Notice	22-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/8/2021
SUNNYSIDE VILLAGE MHP LLC	190	HARRISON	IA4300600	CWS	202100835	Failure to meet Certified Operator Requirement	22-Feb-21	Certified Operator Requirement	STA	Compliance Achieved	3/25/2021
SUNNYSIDE VILLAGE MHP LLC	190	HARRISON	IA4300600	CWS	202101781	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	2/8/2022
SUNRISE VILLAGE MOBILE HOME PK	340	JOHNSON	IA5200602	CWS	202101841	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/10/2021

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SUNSET VILLAGE	528	MARSHALL	IA6469601	CWS	202200127	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/14/2021
SUNSET VILLAGE	528	MARSHALL	IA6469601	CWS	202200253	Chlorine	30-Sep-21	Monitoring (MOR)	MON	Compliance Achieved	10/14/2021
SUTLIFF HOLDINGS LLC	250	JOHNSON	IA5282202	TNC	202200143	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/21/2021
SWARTZROCK IMPLEMENT CO INC	37	FLOYD	IA3405201	TNC	202101473	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/20/2021
SWARTZROCK IMPLEMENT CO INC	37	FLOYD	IA3405201	TNC	202200401	Failure to conduct Public Notice	25-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2021
TABLE MOUND PARK	406	DUBUQUE	IA3100600	CWS	202101593	Failure to Maintain Microbial Treatment	31-May-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	9/10/2021
TABOR WATER SUPPLY	1014	FREMONT	IA3667012	CWS	202101906	Nitrate (as N)	31-Aug-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/21/2021
TERRIL MUNICIPAL WATERWORKS	334	DICKINSON	IA3080016	CWS	202101901	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/13/2021
TERRIL MUNICIPAL WATERWORKS	334	DICKINSON	IA3080016	CWS	202200703	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/27/2022
THE GROVE	31	JONES	IA5377727	TNC	202100715	Nitrate (as N)	28-Feb-21	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/7/2021
THE GROVE	31	JONES	IA5377727	TNC	202100914	Failure to Maintain Microbial Treatment	28-Feb-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	3/16/2021
THE GROVE	31	JONES	IA5377727	TNC	202200545	Nitrate (as N)	31-Dec-21	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/26/2022
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	202100870	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/25/2021
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	202101158	Chlorine	30-Apr-21	Operations Report	RPT	Compliance Achieved	8/5/2021
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	202101325	Chlorine	30-Apr-21	Operations Report	RPT	Compliance Achieved	8/5/2021
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	202101507	Failure to conduct Public Notice	29-Jun-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/1/2021
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	202201099	Coliform (TCR)	30-Jun-21	Record Keeping	RPT	Compliance Achieved	8/5/2021
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	202201100	Coliform (TCR)	31-Dec-21	Record Keeping	RPT	Compliance Achieved	1/19/2022
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	202200482	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/20/2021
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	202101268	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/27/2022
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	202101269	Failure to complete Start-Up Procedures	31-May-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	1/27/2022
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	202101461	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/27/2022
THE OLD ROSSVILLE STORE	55	ALLAMAKEE	IA0398201	TNC	202101542	Failure to Maintain Microbial Treatment	30-Apr-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	6/2/2021

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
THE OUTPOST (DBA)	31	BUTLER	IA1211739	TNC	202100801	Failure to conduct Public Notice	25-Jan-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2021
THE OUTPOST (DBA)	31	BUTLER	IA1211739	TNC	202100949	Coliform bacteria	31-Mar-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/14/2021
THE OUTPOST (DBA)	31	BUTLER	IA1211739	TNC	202101110	Failure to conduct Public Notice	25-Apr-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2021
THE OUTPOST (DBA)	31	BUTLER	IA1211739	TNC	202101217	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/30/2021
THORPE PARK-WINNEBAGO CONSERVATION	60	WINNEBAGO	IA9525901	TNC	202101933	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/8/2021
TIMBERLANE ADDITION	48	WEBSTER	IA9433336	CWS	202200710	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/16/2022
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	202101229	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2021
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	202101905	Coliform bacteria	31-Aug-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/29/2021
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	202200075	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/6/2021
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	202200479	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/9/2021
TIMBERS EDGE WEDDING & EVENT CENTRE	300	HARDIN	IA4289201	TNC	202101164	Coliform bacteria	30-Apr-21	MCL, EC+ (RTCR)	MCL	Compliance Achieved	11/18/2021
TIMBERS EDGE WEDDING & EVENT CENTRE	300	HARDIN	IA4289201	TNC	202101280	E. coli	13-May-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/27/2021
TIMBERS EDGE WEDDING & EVENT CENTRE	300	HARDIN	IA4289201	TNC	202101304	Failure to conduct Public Notice	30-May-21	Public Notice Rule Linked to Violation	PN	NOV Issued	6/24/2021
TIMBERS EDGE WEDDING & EVENT CENTRE	300	HARDIN	IA4289201	TNC	202101210	Coliform bacteria	31-May-21	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	7/27/2021
TOSANAK RECREATION AREA	151	FLOYD	IA3420403	TNC	202100718	Coliform bacteria	31-Jan-21	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	2/23/2021
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTA MIE	IA7820204	TNC	202101633	Failure to complete Start-Up Procedures	30-May-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/20/2021
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTA MIE	IA7820204	TNC	202101454	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/18/2021
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTA MIE	IA7820204	TNC	202200117	Coliform bacteria	30-Sep-21	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/2/2021
TOWN CLOCK	158	DUBUQUE	IA3122201	TNC	202200644	Nitrate (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/9/2022
TOWN CLOCK	158	DUBUQUE	IA3122201	TNC	202200645	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/26/2022
TOWN CLOCK	158	DUBUQUE	IA3122201	TNC	202200646	Nitrite (as N)	31-Dec-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/9/2022
TREYNOR WATER DEPARTMENT	1032	POTTAWATTA MIE	IA7866031	CWS	202101250	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/15/2021
TREYNOR WATER DEPARTMENT	1032	POTTAWATTA MIE	IA7866031	CWS	202101928	Total Trihalomethanes (TTHM)	31-Jul-21	Monitoring (DBP), Routine Major	MON	NOV Issued	11/4/2021
TREYNOR WATER DEPARTMENT	1032	POTTAWATTA MIE	IA7866031	CWS	202101929	Total Haloacetic Acids (HAA5)	31-Jul-21	Monitoring (DBP), Routine Major	MON	NOV Issued	11/4/2021



Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	System Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
TRI-CITY GOLF CLUB	26	CLAYTON	IA2254844	TNC	202101220	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2021
TRIPLE PLAY LLC	400	LINN	IA5715204	TNC	202101686	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2021
TRIPLE PLAY LLC	400	LINN	IA5715204	TNC	202200147	E. coli	05-Sep-21	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/13/2021
TRURO WATERWORKS	509	MADISON	IA6167036	CWS	202200621	Total Trihalomethanes (TTHM)	30-Nov-21	Monitoring (DBP), Routine Major	MON	Compliance Achieved	2/8/2022
TRURO WATERWORKS	509	MADISON	IA6167036	CWS	202200622	Total Haloacetic Acids (HAA5)	30-Nov-21	Monitoring (DBP), Routine Major	MON	Compliance Achieved	2/8/2022
TURF MASTERS LAWN & LANDSCAPE	40	JOHNSON	IA5225208	TNC	202100811	Failure to conduct Public Notice	24-Jan-21	Public Notice Rule Linked to Violation	PN	NOV Issued	2/18/2021
TWIN KNOLLS FOURTH/FIFTH ADDITION	90	LINN	IA5784326	CWS	202101529	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/15/2021
TWIN KNOLLS FOURTH/FIFTH ADDITION	90	LINN	IA5784326	CWS	202200208	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	10/22/2021
TWIN KNOLLS FOURTH/FIFTH ADDITION	90	LINN	IA5784326	CWS	202200728	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/27/2022
TWIN OAK CAMP GROUND	54	CERRO GORDO	IA1716424	TNC	202200297	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/22/2022
TWIN VALLEY LAKES IMPROVEMENT ASSN	100	JOHNSON	IA5200861	CWS	202101839	Failure to issue Consumer Confidence Report	01-Jul-21	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/26/2021
TWISTERS GYMNASTICS INC	82	LINN	IA5715214	TNC	202200642	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/6/2022
UNDER THE STARS AT CHIMNEY ROCK CG LLC	33	WINNESHIEK	IA9606201	TNC	202101270	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2021
UNDER THE STARS AT CHIMNEY ROCK CG LLC	33	WINNESHIEK	IA9606201	TNC	202101463	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2021
UNDER THE STARS AT CHIMNEY ROCK CG LLC	33	WINNESHIEK	IA9606201	TNC	202200639	Coliform bacteria	31-Dec-21	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/20/2022
VAIL WATER SUPPLY	396	CRAWFORD	IA2452044	CWS	202200476	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/14/2021
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202101284	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2021
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202101285	Failure to conduct Public Notice	02-May-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2021
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202101323	Failure to conduct Level 1 Assessment	30-Jun-21	Level 1 Assessment, Multiple TC+ (RTCR)	TT	NOV Issued	9/14/2021
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202101646	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2021
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202200378	Failure to conduct Public Notice	18-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/16/2021
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202200521	Failure to conduct Public Notice	22-Nov-21	Public Notice Rule Linked to Violation	PN	NOV Issued	12/29/2021
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202100864	E. coli	28-Feb-21	Monitoring (GWR) AS, Major	MON	Compliance Achieved	3/30/2021
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202100865	E. coli	28-Feb-21	Monitoring (GWR) AS, Major	MON	Compliance Achieved	3/30/2021

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VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202100866	Coliform bacteria	28-Feb-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/30/2021
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202101502	Failure to conduct Public Notice	26-Jun-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/19/2021
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202101657	Manganese	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/28/2021
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202101658	Copper	30-Jun-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	8/19/2021
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202101659	Lead	30-Jun-21	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	8/19/2021
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202101907	Total Trihalomethanes (TTHM)	31-Jul-21	Monitoring (DBP), Routine Major	MON	NOV Issued	9/21/2021
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202101908	Total Haloacetic Acids (HAA5)	31-Jul-21	Monitoring (DBP), Routine Major	MON	NOV Issued	9/21/2021
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	202200657	Failure to conduct Public Notice	31-Oct-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/6/2021
VARINA WATER SUPPLY	68	POCAHONTAS	IA7642047	CWS	202200705	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/11/2022
VERN ACRES (OLIPHANT ADDITION)	150	LINN	IA5784303	CWS	202101532	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	7/15/2021
VERN ACRES (OLIPHANT ADDITION)	150	LINN	IA5784303	CWS	202200213	Chlorine	30-Sep-21	Operations Report	RPT	Compliance Achieved	10/22/2021
VERN ACRES (OLIPHANT ADDITION)	150	LINN	IA5784303	CWS	202200725	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/27/2022
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202100800	Failure to conduct Public Notice	20-Jan-21	Public Notice Rule Linked to Violation	PN	NOV Issued	2/16/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202100884	Failure to conduct Public Notice	22-Feb-21	Public Notice Rule Linked to Violation	PN	NOV Issued	3/23/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202100917	Chlorine	28-Feb-21	Operations Report	RPT	Compliance Achieved	9/16/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202101109	Failure to conduct Public Notice	24-Apr-21	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202101029	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/11/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202101199	Chlorine	30-Apr-21	Operations Report	RPT	Compliance Achieved	9/16/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202101350	Chlorine	31-May-21	Operations Report	RPT	Compliance Achieved	9/16/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202101541	Chlorine	30-Jun-21	Operations Report	RPT	Compliance Achieved	9/16/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202101743	Chlorine	31-Jul-21	Operations Report	RPT	Compliance Achieved	9/16/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202101965	Chlorine	31-Aug-21	Operations Report	RPT	Compliance Achieved	9/16/2021
VILLISCA MUNICIPAL WATER DEPT	1132	MONTGOMERY	IA6985051	CWS	202101317	Failure to meet Compliance Schedule	18-Jun-21	Variance/Exemption /Compliance Schedule	V/E	BCA Signed	10/5/2021
VINTON MUNICIPAL WATER DEPT	4938	BENTON	IA0688053	CWS	202200720	Failure to issue Lead Consumer Notice	31-Dec-21	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/17/2022

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WALDSCHMIDT SUBDIVISION	45	WASHINGTON	IA9260301	CWS	202101824	Copper	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/1/2021
WALDSCHMIDT SUBDIVISION	45	WASHINGTON	IA9260301	CWS	202101825	Lead	30-Sep-21	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/1/2021
WALNUT STREET WELL	45	BENTON	IA0690305	CWS	202101701	Coliform bacteria	31-Jul-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/2/2021
WAPSIPINICON COUNTRY CLUB	85	JONES	IA5307200	TNC	202101359	Failure to Maintain Microbial Treatment	30-May-21	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	8/9/2021
WAREHOUSE SPECIALIST LLC	25	MILLS	IA6525101	TNC	202200368	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/18/2021
WAUBONSIE ST PK (BRIDLE TRAIL)	66	FREMONT	IA3600918	TNC	202200083	Nitrate (as N)	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/28/2021
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	202101462	Nitrate (as N)	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/25/2021
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	202200398	Failure to conduct Public Notice	26-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/16/2021
WESTCOTT HEIGHTS PARTS 1 & 2	63	JOHNSON	IA5225325	CWS	202101689	Sodium	30-Jun-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/17/2021
WESTERN HILLS	45	KOSSUTH	IA5500820	CWS	202200344	Cyanide	30-Sep-21	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/22/2021
WESTERN HILLS (MOBILE) ESTATES	760	JOHNSON	IA5208600	CWS	202200707	Chlorine	31-Dec-21	MRDL (Chlorine/Chloramine)	MCL	NOV Issued	1/31/2022
WESTFAIR	238	POTTAWATTA MIE	IA7820401	TNC	202101088	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/13/2021
WESTFAIR	238	POTTAWATTA MIE	IA7820401	TNC	202101089	Coliform bacteria	30-Apr-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/28/2021
WESTSIDE WATER SUPPLY	285	CRAWFORD	IA2458023	CWS	202200477	Coliform bacteria	30-Nov-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/20/2022
WHISKEY CREEK (FEEDLOT)	34	WOODBURY	IA9778111	TNC	202200285	Coliform bacteria	31-Oct-21	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	12/15/2021
WHITE SPRINGS SUPPER CLUB	70	CLAYTON	IA2258788	TNC	202101417	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/1/2021
WHITE SPRINGS SUPPER CLUB	70	CLAYTON	IA2258788	TNC	202200377	Failure to conduct Public Notice	23-Oct-21	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2021
WINDMILL RIDGE CAMPGROUND	27	WASHINGTON	IA9233201	TNC	202101623	Failure to complete Start-Up Procedures	30-Apr-21	Start-Up Procedures TT (RTCR)	TT	NOV Issued	8/9/2021
WINDMILL RIDGE CAMPGROUND	27	WASHINGTON	IA9233201	TNC	202200179	Failure to conduct Public Notice	16-Sep-21	Public Notice Rule Linked to Violation	PN	NOV Issued	10/21/2021
YMCA CAMP WAPSIE	204	LINN	IA5722422	TNC	202101241	Coliform bacteria	31-May-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/8/2021
YMJ LLC	30	DUBUQUE	IA3126214	TNC	202101490	Coliform bacteria	30-Jun-21	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/27/2021
YMJ LLC	30	DUBUQUE	IA3126214	TNC	202200406	Failure to conduct Public Notice	23-Oct-21	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/24/2021

## **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 in 2022 and on a rolling basis while grant funding is available. Next year's Annual Compliance Report (ACR) will include testing data and the results from Iowa's WIIN grant.