

# State of Iowa Public Drinking Water Program 2019 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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*All photos in this report were taken by DNR water supply program staff of DWSRF projects, primarily those completed in 2019.*



Liquid Chlorine Day Tank and Scale



Polyphosphate Feed and Day Tank

## Introduction

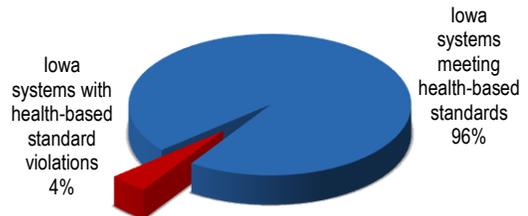
The Iowa Department of Natural Resources (DNR) administers the Public Drinking Water Program in Iowa under delegation of authority from the United States Environmental Protection Agency (EPA). The 1996 re-authorized Safe Drinking Water Act (SDWA) requires that each state that has been granted primary 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 2019 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 2019 Report Highlights

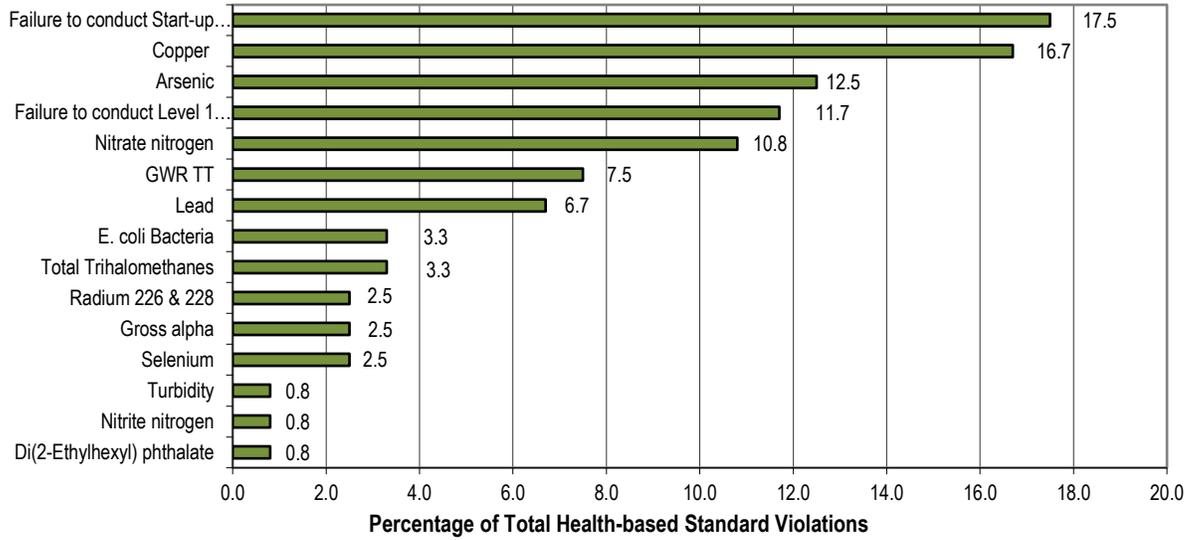
Iowa's inventory of public water supply systems was 1,855, an increase over the past four years. The percentage of systems in compliance with all health-based standards in 2019 was 95.5%, a slight improvement over 2018, while the percentage of population served by systems compliant with all health-based standards was 95.6%. Major monitoring and reporting requirements were met by 82.8% of systems, an improvement from 2018. The percentage of population served by systems in compliance with the major monitoring and reporting requirements at 93.2% was an improvement over the past four years.

### Compliance with Health-Based Standards

- No waterborne diseases or deaths were reported from Iowa public water supply systems (PWS) in 2019.
- Over 2.82 million people (of the 2.96M 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 95.5% of the 1,855 regulated public water supplies. There were 83 public water supplies that had 120 violations of a health-based drinking water standards, maximum residual disinfectant level, treatment technique, or action level.

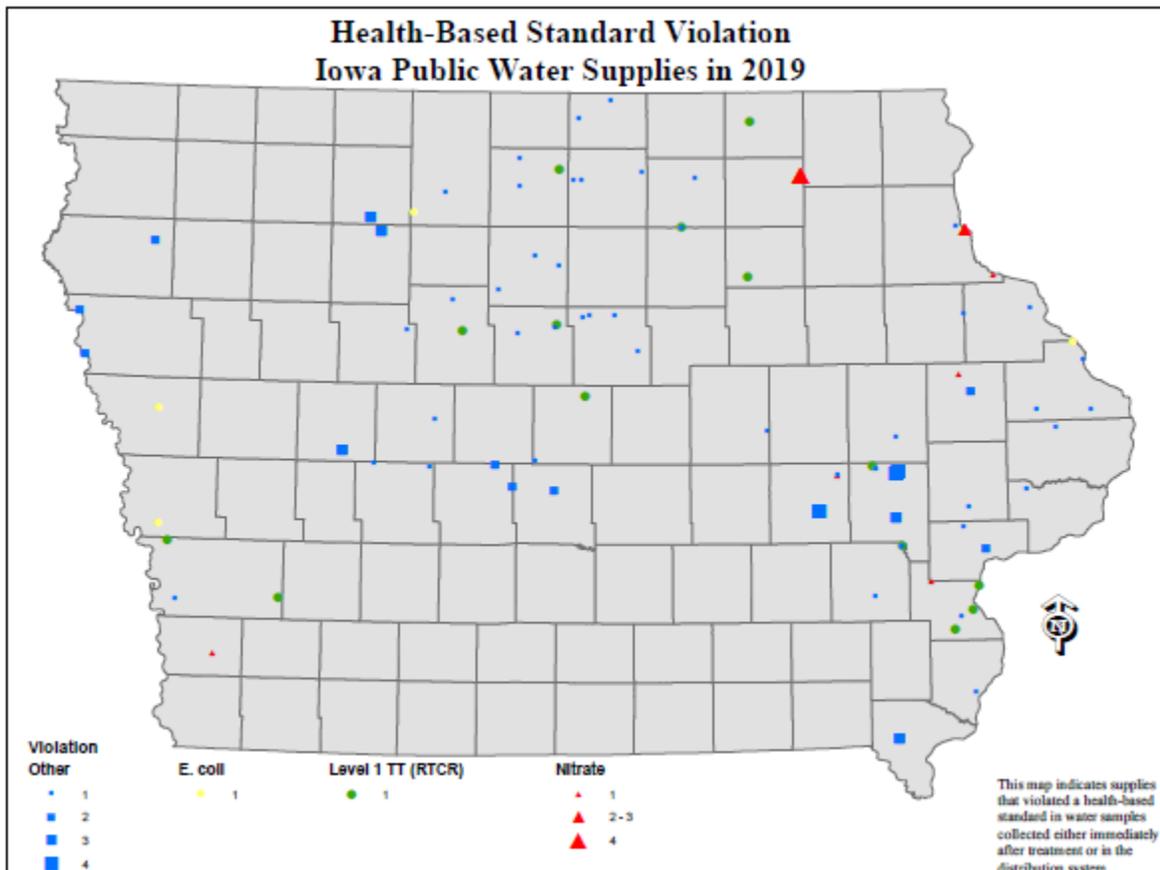


- Eleven regulated contaminants were found at levels that exceeded the health-based standards during 2019, and five treatment techniques were not met. The standards are shown in the chart on the following page, along with the percentage each contributed to the total number of health-based standard violations.



### 2019 Health-based Standard Violations Map

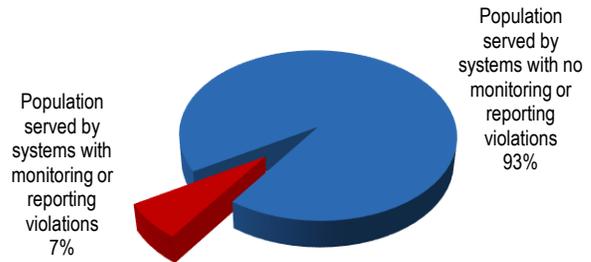
The map depicts the health-based standard violations that occurred in 2019 at Iowa’s PWS, with the number of violations denoted by size of the marker. Three common violations are shown separately; the remaining violations are grouped together as “other.”



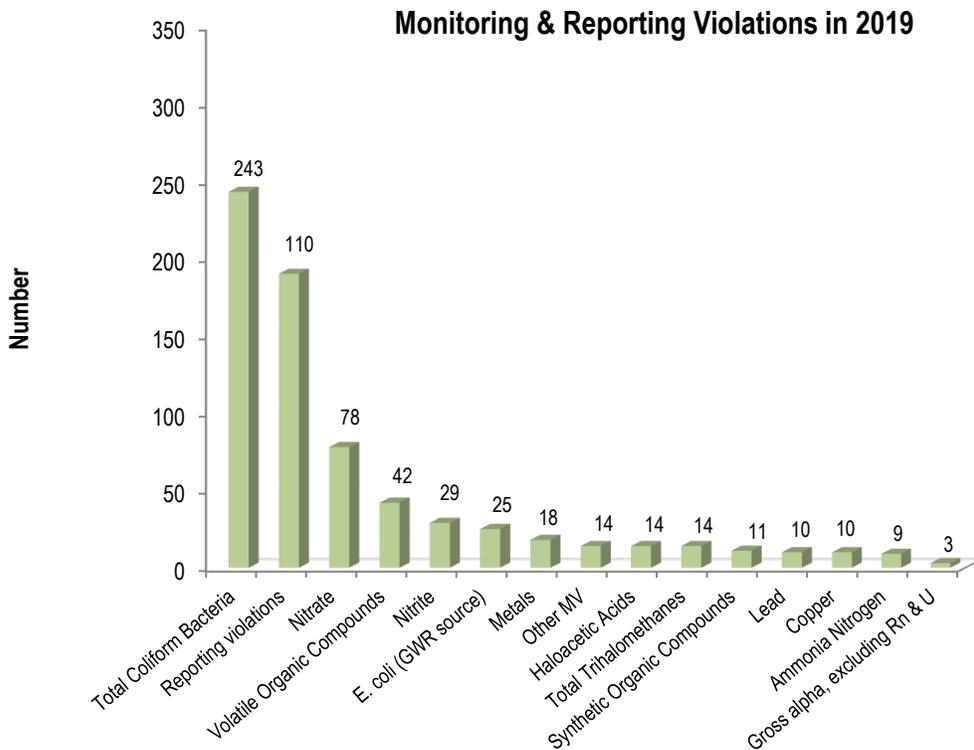
### Compliance with Monitoring & Reporting Requirements

A major monitoring violation is incurred when a required sample is not collected for a specific contaminant.

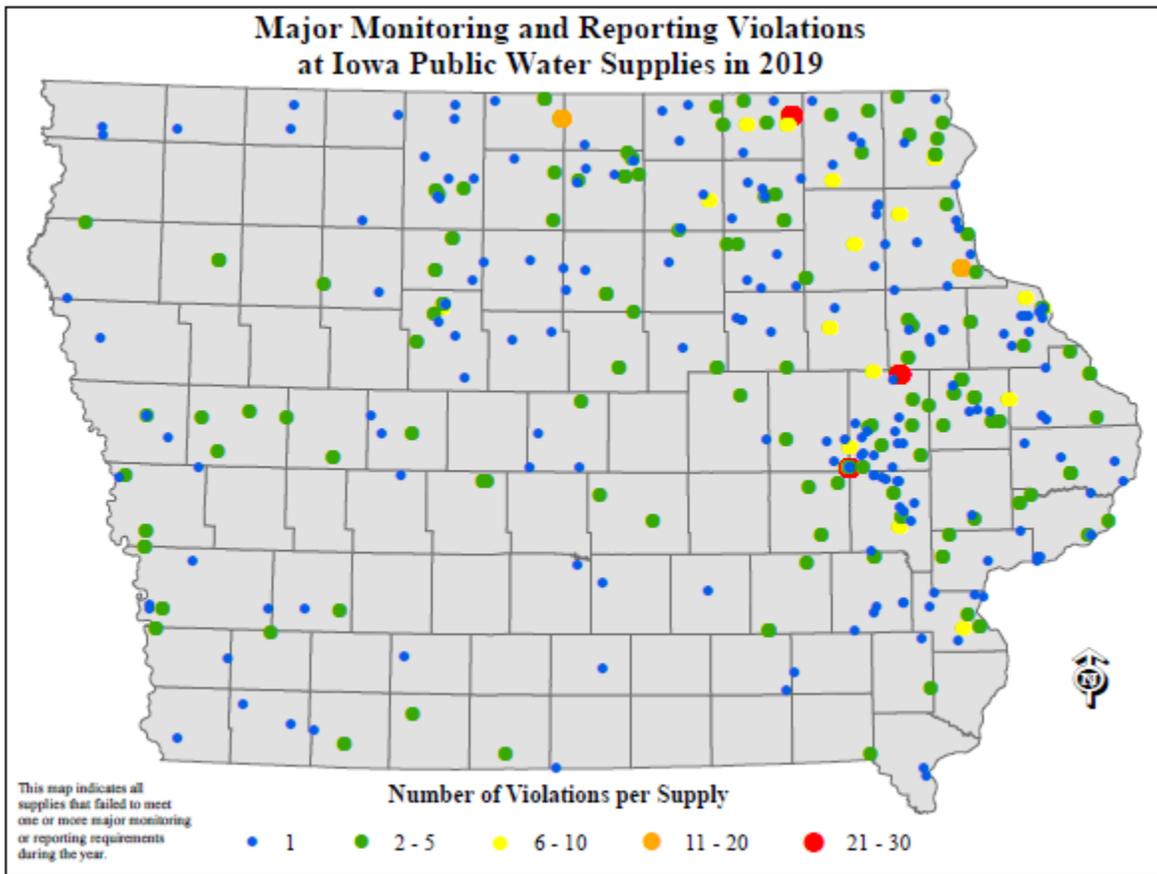
- Over 2.76 million people regularly received water from Iowa systems that complied with all major monitoring and reporting requirements.
- Major monitoring and reporting requirements were met by 82.8% of the 1,855 regulated public water supply systems.
  - There were 520 major monitoring violations in 2019 at 267 systems.
  - At least one reporting violation was incurred by 110 systems, for a total of 190 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 2019. The system that incurred the most monitoring/reporting violations in 2019 had 30 monitoring/reporting violations.



## 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.

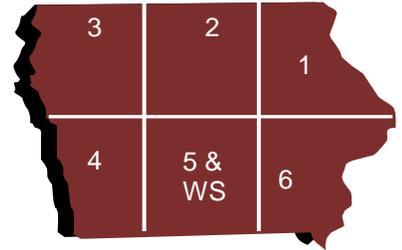
The SDWA allows States and Territories to seek EPA approval to administer their own Public Water Supply Supervision Program, which is called primacy. To receive primacy, States must meet certain requirements set forth in the SDWA regulations, including adoption of drinking water regulations which are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



### 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 SFY2019, there were 18 construction loans, for a total loan amount of \$59M. From SFY 2000 through SFY 2019, approximately \$998 million has been provided in loans to Iowa's public water supply systems for 618 drinking water projects.

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 17,605 people at the end of December 2019.
- **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 2019, a follow-up visit was made to a system that had participated in a voluntary comprehensive performance evaluation event in 2018, to determine what the system had done with the findings. The system optimized softener performance and upgraded its SCADA to address several of the findings. The Status Component was revised in 2019 to focus on microbial performance (turbidity), and posted to the AWOP website. Staff continued to participate in the development of the surface water treatment operator training modules, with Module 2: Optimization and Data Integrity completed in 2019, and Module 3: Flocculation reviewed. An introductory video about the Iowa AWOP program was created in December and is available on the DNR-AWOP website. The new Electronic Sanitary Survey upgrade includes review of data integrity and optimization, and use of the data integrity checklists.
- **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 2019, which the systems may then use to develop their system-specific source water protection plans (Phase 2 plans). Nine systems had their system-specific source water plans approved in 2019: Atlantic, Clermont, Dietrick Mobile Home Park, Early, Lyon-Sioux RWS-Doon, Pierson, Rock Valley, Sioux Rapids, and Tama.
- **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.

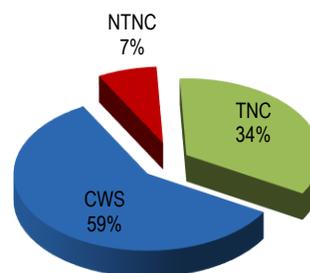
A public water supply system (PWS) is further classified as a community water system, a non-transient non-community system, or a transient non-community system.

- 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 2019, over 2.84 million Iowans were served by community public water supplies, or 93.2% of the total state population (compared with the 2010 census of 3,046,355), with the remaining 6.8% of the population served by private water supplies at their residences. Iowa's 1,855 public water supply systems in 2019 included 1,087 CWS, 134 NTNC, and 634 TNC systems. The map depicting all of Iowa's active public water supply systems in 2019 is shown on the next page.



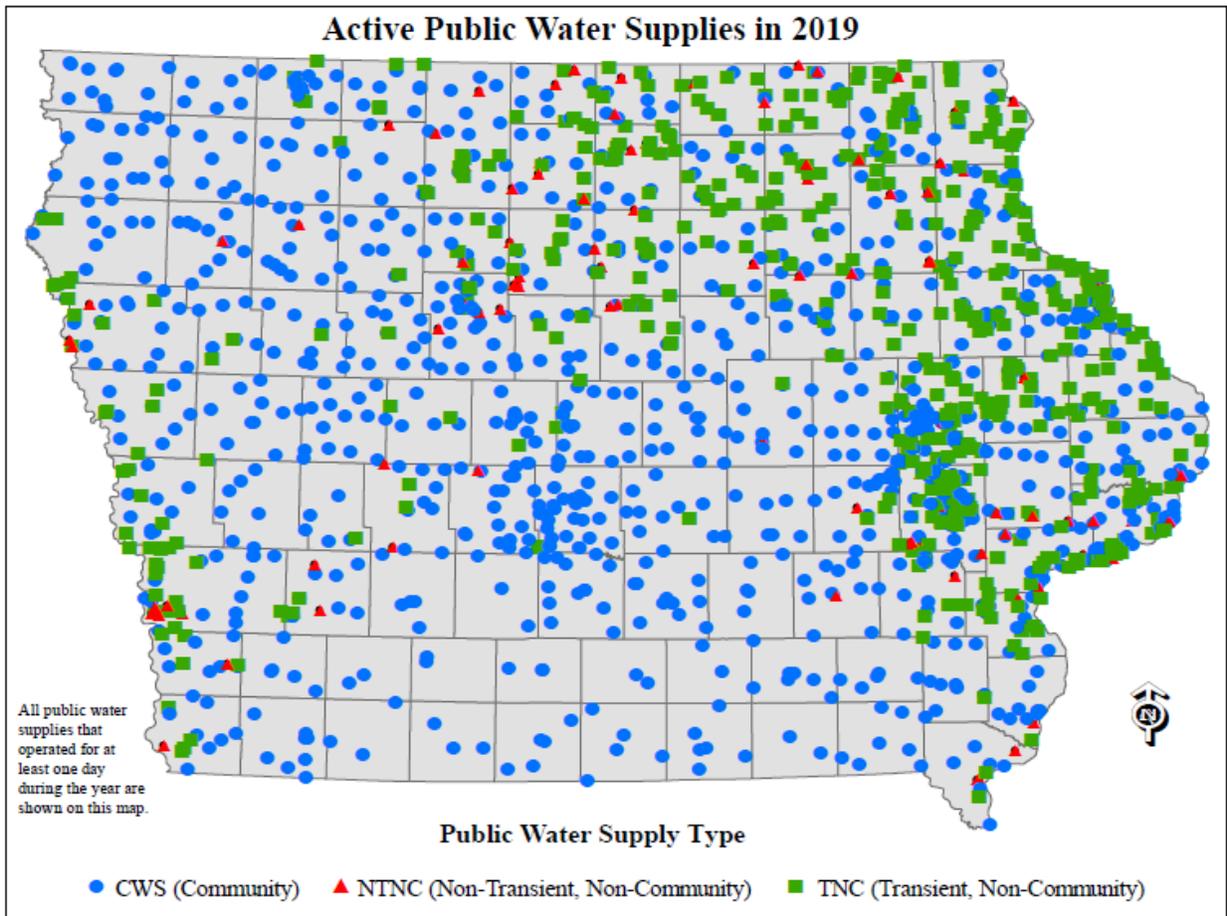
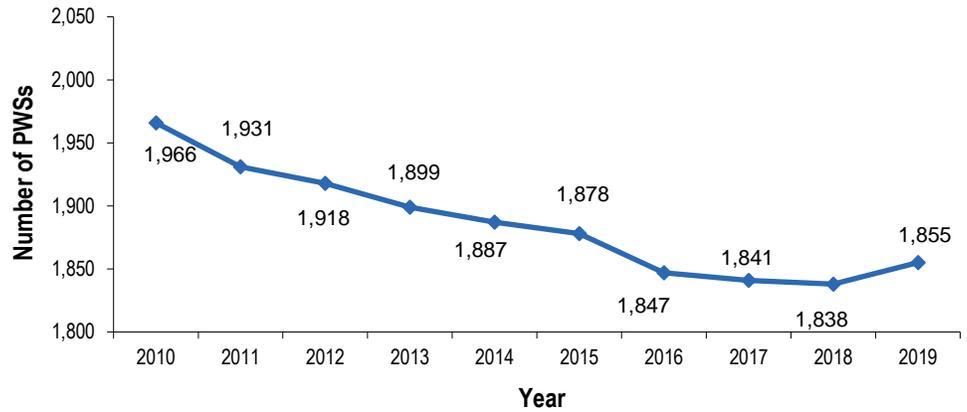
#### System Size

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 Population Served
25 – 500	Very Small	1,295	69.8	181,077
501 – 3,300	Small	427	23.0	518,214
3,301 – 10,000	Medium	85	4.6	473,623
10,001 – 100,000	Large	45	2.4	1,281,683
Over 100,000	Very Large	3	0.2	500,887
<b>Total</b>		<b>1,855</b>	<b>100.0</b>	<b>2,955,484</b>

In 2019, the number of public water supply systems in Iowa increased from 2018 in all three system types. Any system that was active for a single day during the year is included in that year's total.

**Number of Regulated Iowa PWSs: 2010 - 2019**



**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.

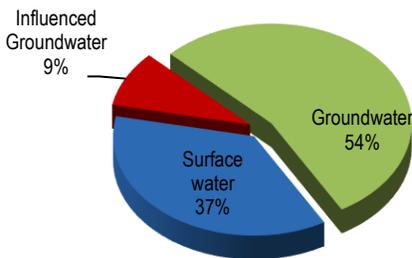
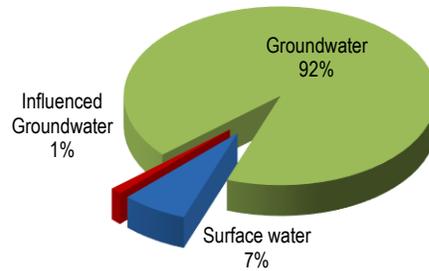
Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are the most vulnerable to contamination, followed by influenced groundwater systems. Systems using surface water or influenced groundwater 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 PWS	Percentage of Total Population Served
Surface water	131	7.1	36.6
Influenced Groundwater	27	1.4	9.0
Groundwater	1,697	91.5	54.4

**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**

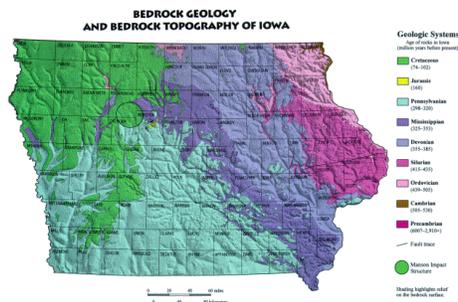
**Source of Contamination:** Alpha emitters, which include radium and uranium, occur naturally in certain groundwaters in the state due to the geological formations, particularly in the deeper aquifers. Beta emitters are usually the result of manmade sources or activities.

**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.



Pressure Filters

## 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 cannot be lower than 0.3 mg/L free residual chlorine for more than four hours.
- The disinfectant within the distribution system, measured as total chlorine, combined chlorine, or chlorine dioxide, 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 that 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.



New hydrant as part of a water main replacement project



Emergency power generator

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

Approximately 2.82 million people received water served by Iowa public water supply systems in 2019 that complied with all health-based standards, including MCL, MRDL, AL, and TT standards. In 2019, 95.6% of the population served by community public water supply systems received water that met all drinking water standards adopted by the department, and 96.9% of community public water supplies met all drinking water standards.

Of the 1,855 regulated PWSs in Iowa, 95.5% were in compliance with all MCL, MRDL, AL, and TT standards. There were 83 PWSs that had at least one violation of an MCL, AL, MRDL, or TT standard. There were 120 violations of eleven contaminants and five treatment techniques in 2019, as indicated in the following table. The most frequent standard that was not met in Iowa in 2019 was the failure to conduct Start-up Procedures (RTCR) for seasonal systems, which is a TT violation.

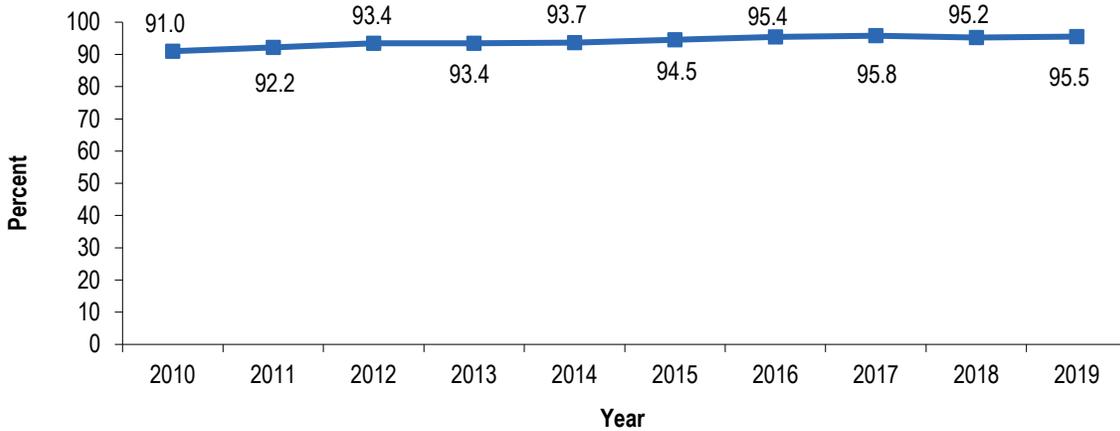
Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2019	System Population*
Arsenic	5	15	12.5	175	484
Coliform Bacteria Failure to conduct a Level 1 Assessment TT	14	14	11.7	Not applicable	2,059
Coliform Bacteria Failure to conduct a Start-Up Procedure TT	21	21	17.5	Not applicable	1,823
Copper action level	15	20	16.7	4,571	9,170
Di(2-ethyl hexyl phthalate)	1	1	0.8	217	335
<i>E. coli</i>	4	4	3.3	27,347	463
Gross alpha, excluding Rn & U	1	3	2.5	231	912
GWR Failure to maintain Microbial Treatment TT	3	7	5.8	Not applicable	594
GWR Failure to address Significant Deficiency TT	2	2	1.7	Not applicable	168
Lead action level	8	8	6.7	4,571	3,935
Nitrate nitrogen	8	13	10.8	3,666	2,758
Nitrite nitrogen	1	1	0.8	1,302	60
Radium 226 & 228	1	3	2.5	222	50
Selenium	1	3	2.5	49	266
Total Trihalomethanes (TTHM)	2	4	3.3	1,883	83,783
Turbidity treatment technique	1	1	0.8	Not applicable	25,619
<b>Total:</b>	<b>83**</b>	<b>120</b>	<b>100%</b>		<b>130,942**</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 94.0%.

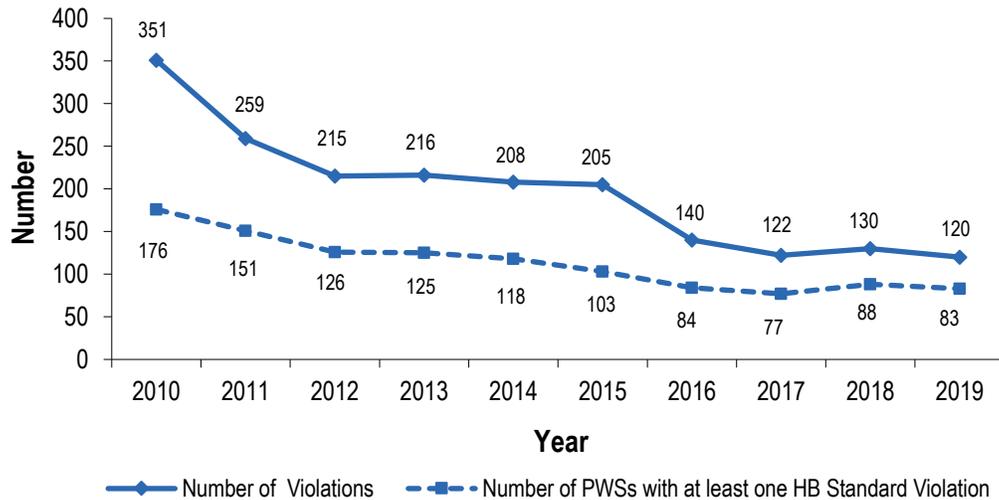
**Percentage of PWS in Compliance with all MCL, AL, TT, & MRDL: 2010 - 2019**



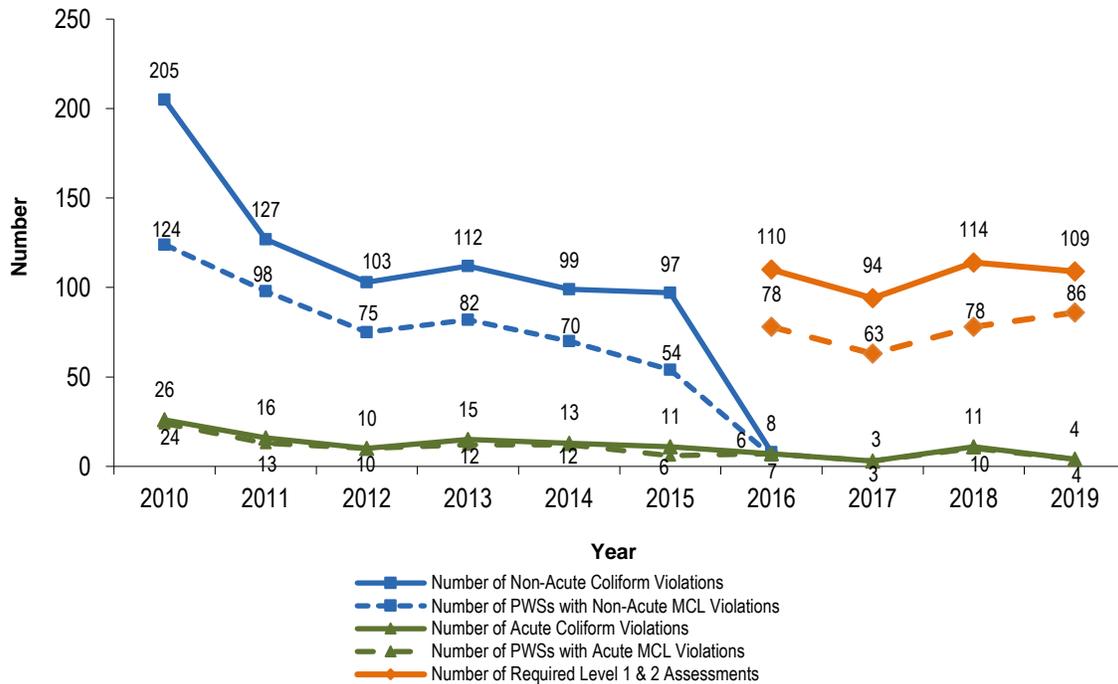
This is the third full year that the Revised TCR (RTCR) was in effect, and there were two types of RTCR TT violations that resulted in 35 TT violations at 34 systems: 21 seasonal systems failed to complete their start-up procedures (including a bacteria-free compliance sample) before they opened to the public, and 14 systems failed to conduct the required Level 1 Assessment and incurred 14 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 is only the failure to conduct the Level 1 Assessment within the required timeframe that results in a TT violation.

In 2019, both the number of systems with violations of health-based standards and the number of violations dropped slightly from 2018. The number of health-based standard violations was the lowest in the ten-year period.

**Health-Based Standards Violations: 2010 - 2019**



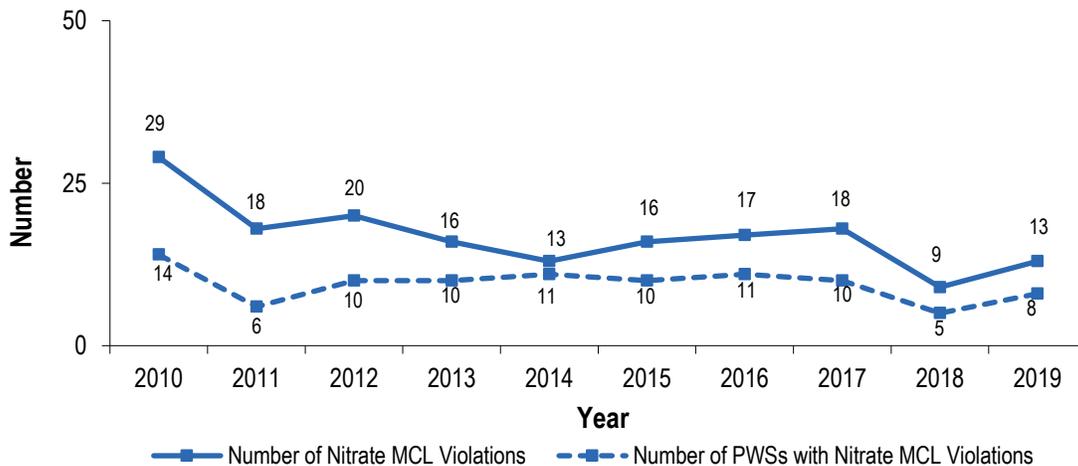
### Coliform Bacteria MCL Violations and Assessments: 2010 - 2019



Effective April 1, 2016, the non-acute coliform bacteria MCL violation under the TCR was replaced under the RTRC 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.

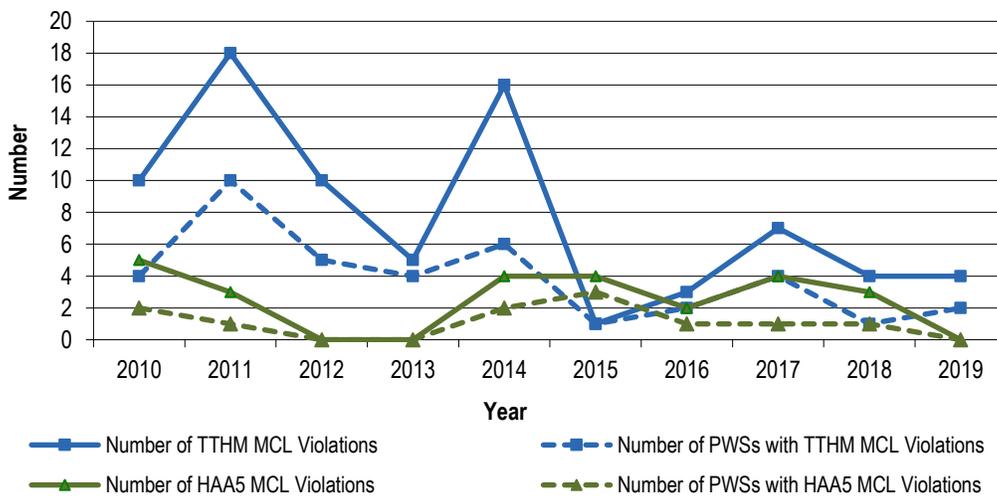
In 2019, the number of nitrate MCL violations and number of systems with violations increased from 2018.

### Nitrate MCL Violations: 2010 - 2019



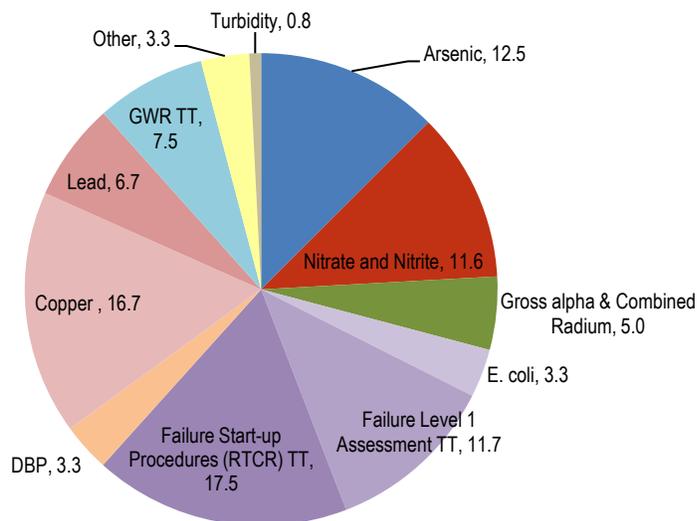
Under the federal Stage 1 Disinfectants/Disinfection Byproducts Rule (DBPR), large systems were required to start monitoring for disinfection byproducts in 2002, with medium and small systems starting in 2004. Usually a system monitors for a year before an MCL violation can occur, so the first violations 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 2019, there were two systems that had total trihalomethane violations.

### Disinfection Byproduct MCL Violations: 2010 - 2019



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

### Composition of 2019 Iowa Health-Based Standards Violations, in %



Violation Data: MCL, MRDL, AL, and TT

## Major Monitoring & Reporting Violations

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

### Monitoring Guidelines by Rule:

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

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

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



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

Over 2.76 million people received water served by Iowa's systems that met the major monitoring and reporting requirements. Of the 1,855 regulated PWSs in Iowa, 82.9% (1,537 PWSs) were in compliance with all major monitoring and reporting requirements. There were 318 PWSs serving a total population of 199,831 that incurred 710 major monitoring and reporting violations in 2019. 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 2019. The majority of violations were for failure to collect coliform bacteria and nitrate samples, which are the two contaminants that are required to be sampled by all systems each year.

Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
<b>Monitoring</b>			
Ammonia Nitrogen	7	9	6,467
Antimony	1	1	28
Arsenic	2	2	307
Barium	1	1	28
Beryllium	1	1	28
Cadmium	1	1	28
Chlorine	7	7	2,988
Chromium	1	1	28
Coliform Bacteria, Total (RTCR distribution system)	170	243	39,611
Copper	10	10	6,089
Cyanide	1	1	28
<i>E. coli</i> (GWR source water)	21	25	1,945
Fluoride	1	1	28
Gross alpha, excluding Rn & U	3	3	291
Haloacetic Acids (5)	14	14	7,083
Lead	10	10	6,089
Manganese	1	1	303
Mercury	1	1	28
Monthly Operation Report Self-monitoring	2	2	5,771
Nitrate	68	78	48,493
Nitrite	20	29	73,430
Radium 226 & 228	2	2	1,062
Selenium	1	1	28
Sodium	7	7	13,307
Synthetic Organic Compounds (SOC)	2	11	886
Thallium	1	1	28
Total Organic Carbon (TOC)	1	1	26,684
Total Trihalomethanes	14	14	7,083
Volatile Organic Compounds (VOC)	3	42	1,693
<b>Monitoring Total:</b>	<b>267*</b>	<b>520</b>	<b>188,035*</b>
<b>Reporting</b>			
Failure to conduct public notice (PN)	65	117	34,101
Failure to apply for an operation permit	1	1	46
Failure to consult with DNR (GWR)	3	3	566
Failure to notify DNR (GWR)	1	1	31
Failure to submit monthly operation report or MRDL	23	34	4,313
Failure to issue a consumer confidence report	12	12	1,590
Failure to issue a Lead consumer notice	11	11	7,065
Failure to obtain a certified operator	1	1	236

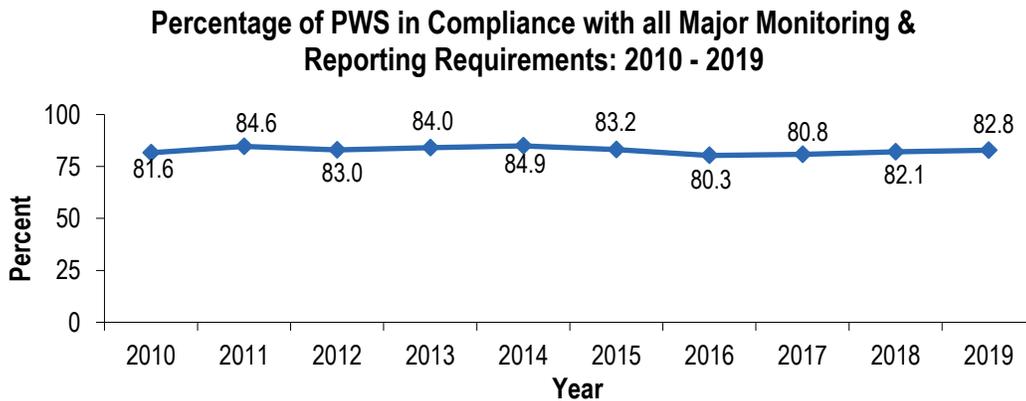
Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
Failure to obtain a construction permit	3	3	645
Failure to meet a compliance schedule	5	5	1,135
Failure to submit annual permit fee	1	1	27
Failure to submit Start-up Certification (RTCR)	1	1	260
<b>Reporting Total:</b>	<b>110*</b>	<b>190</b>	<b>48,323*</b>
<b>Monitoring &amp; Reporting Total:</b>	<b>318**</b>	<b>710</b>	<b>199,831**</b>

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

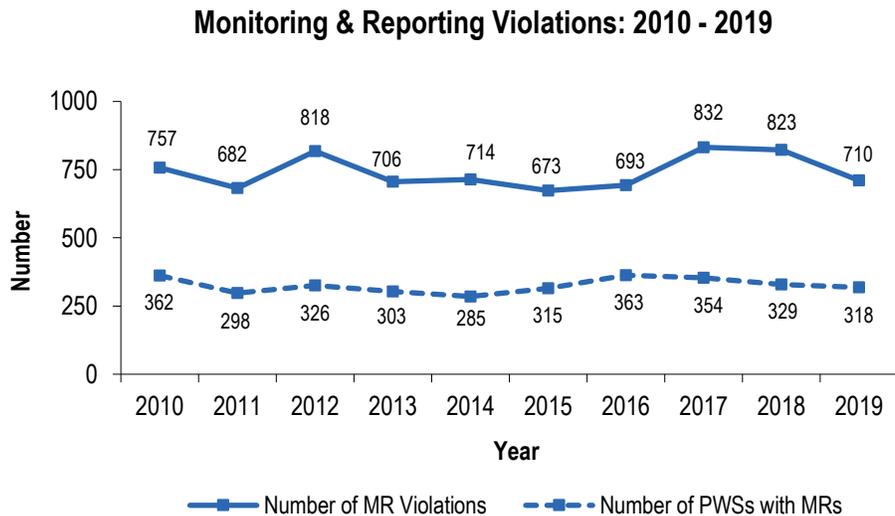
\*\*Each system with a violation is only included once in the number of systems total and the affected population total.

## Monitoring & Reporting Compliance Rates: 2010 - 2019

The percentage of PWS in compliance with all major monitoring and reporting requirements was 82.8% in 2019. The number of public water supplies in compliance with all major monitoring and reporting requirements averages 82.7% over the past ten years.



In 2019, the number of monitoring and reporting violations and the number of systems with those violations decreased from 2018.



## 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.

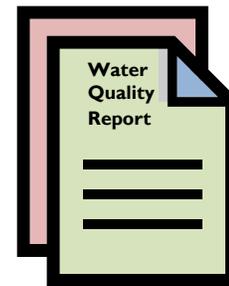


In addition to the annual notice, a public service announcement must be issued every six months to local television and radio broadcast outlets. Non-transient non-community systems have notification requirements that include posting at the facility plus additional requirements depending upon the composition 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 2019, 12 CWS failed to prepare and distribute their CCR for calendar year 2018. Each CWS received a reporting violation for this failure. The CCR compliance rate for Iowa's CWS in 2019 was 98.9%.

### 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.

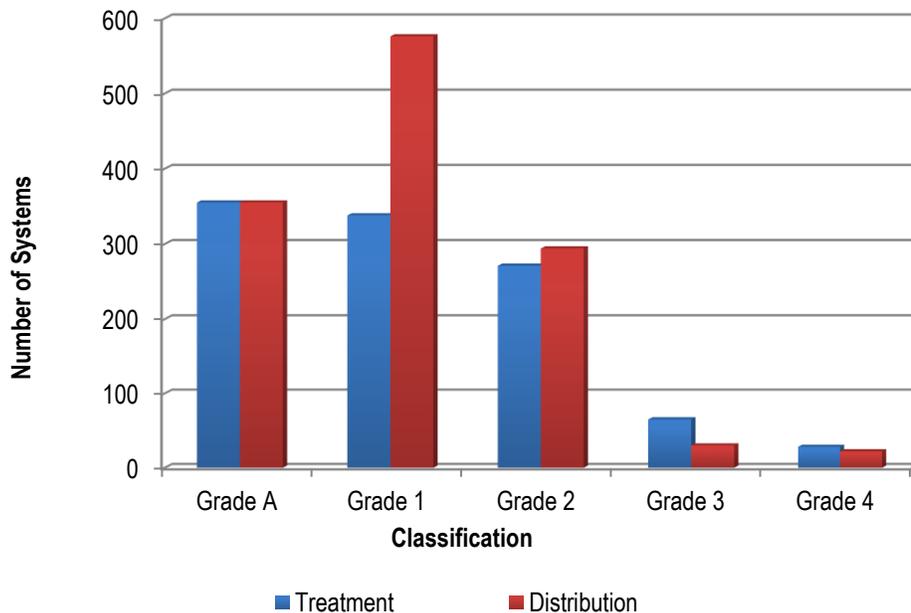
The Iowa Operator Certification Program reporting period for this report is July 1, 2019 through June 30, 2020.

### 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, 2020. There are 220 systems that have a distribution system but no treatment plant.

Classification	Treatment Facility	Distribution Facility
Grade A	355	355
Grade 1	338	576
Grade 2	271	294
Grade 3	65	30
Grade 4	28	22
<b>Total</b>	<b>1,057</b>	<b>1,277</b>

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:

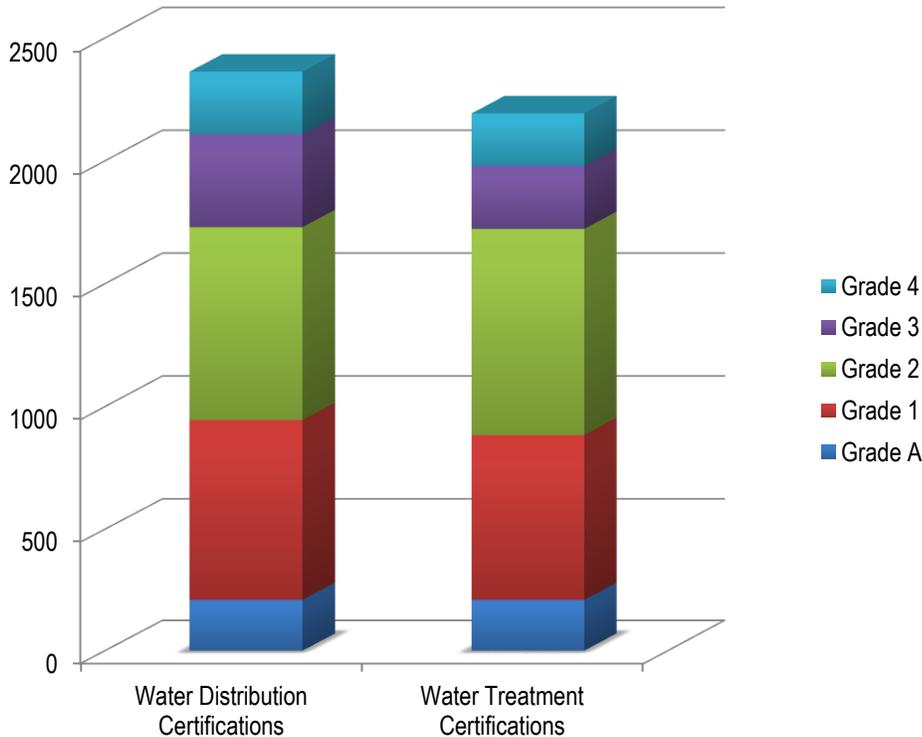
1. Meet the initial education and experience requirements and pay the examination fee,
2. Successfully pass the examination for the specific type of certification, and
3. Maintain the certification by successfully attaining the required continuing education hours or credits during each two-year certification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

In this reporting period, there were 209 small system Grade A certifications, which includes both water treatment and water distribution.

Certification Grade	Number of certified Water Distribution Operators	Number of certified Water Treatment Operators
Grade A	209 (combined WT and WD)	
Grade 1	736	675
Grade 2	785	839
Grade 3	378	256
Grade 4	255	214

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**

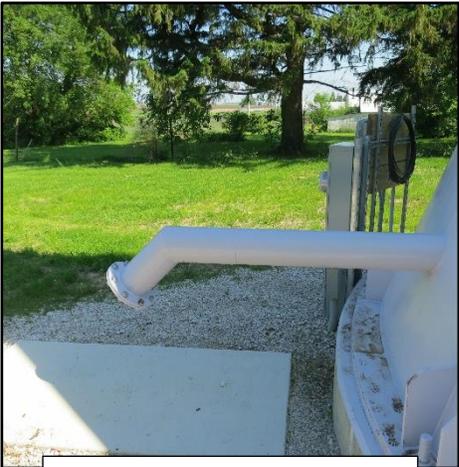
Compliance actions were directed at one public water supply system that failed to have a certified operator in charge of its water supply, and three certified operators. Two operators surrendered their certifications with no possibility of recertification; the third operator is on a one-year probation for both water and wastewater certifications.

**Certification Renewal**

Operator certifications are renewed every two years, with the current renewal period ending on June 30, 2021. Continuing education requirements must have been met by March 31, 2021, 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.



Elevated storage tower



Elevated storage overflow and splash pad

## 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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Mailing address:

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502 E. 9<sup>th</sup> Street  
Des Moines, IA 50319-0034



Wellhead with pressure gauge

## 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



## APPENDIX A: EPA VIOLATIONS SUMMARY REPORT

State: Iowa		Reporting Interval: January 1, 2019 through December 31, 2019					
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	2	2
1,1,2-Trichloroethane	0.005	0	0	0	0	2	2
1,1-Dichloroethylene	0.007	0	0	0	0	2	2
1,2,4-Trichlorobenzene	0.07	0	0	0	0	3	3
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	0	0	0
1,2-Dichloroethane	0.005	0	0	0	0	2	2
1,2-Dichloropropane	0.005	0	0	0	0	2	2
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	1	1
Acrylamide		0	0	0	0	0	0
Alachlor (Lasso)	0.002	0	0	0	0	1	1
Atrazine	0.003	0	0	0	0	1	1
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	2	2
Chlordane	0.002	0	0	0	0	0	0

Organic Contaminants, continued	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
cis-1,2-Dichloroethylene	0.07	0	0	0	0	2	2
Dalapon	0.2	0	0	0	0	0	0
Di(2-ethylhexyl)adipate	0.4	0	0	0	0	1	1
Di(2-ethylhexyl)phthalate	0.006	1	1	0	0	2	2
Dichloromethane	0.005	0	0	0	0	2	2
Dinoseb	0.007	0	0	0	0	0	0
Diquat	0.02	0	0	0	0	1	1
Endothall	0.1	0	0	0	0	0	0
Endrin	0.002	0	0	0	0	0	0
Epichlorohydrin		0	0	0	0	0	0
Ethylbenzene	0.7	0	0	0	0	2	2
Ethylene dibromide	0.00005	0	0	0	0	0	0
Glyphosate	0.7	0	0	0	0	1	1
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

Organic Contaminants, continued	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
Monochlorobenzene	0.1	0	0	0	0	2	2
o-Dichlorobenzene	0.6	0	0	0	0	2	2
Oxamyl (Vydate)	0.2	0	0	0	0	0	0
para-Dichlorobenzene	0.075	0	0	0	0	2	2
Pentachlorophenol	0.001	0	0	0	0	1	1
Picloram	0.5	0	0	0	0	1	1
Simazine	0.004	0	0	0	0	1	1
Styrene	0.1	0	0	0	0	2	2
Tetrachloroethylene	0.005	0	0	0	0	2	2
Toluene	1	0	0	0	0	1	1
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	2	2
Trichloroethylene	0.005	0	0	0	0	2	2
Vinyl chloride	0.002	0	0	0	0	2	2
Xylenes (total)	10	0	0	0	0	2	2
Haloacetic acids	0.060	0	0	0	0	14	14
Total trihalomethanes	0.080	4	2	0	0	14	14

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	1	1
Arsenic	0.010	15	5	0	0	2	2
Asbestos	7 million fibers/L (>10 µm in length)	0	0	0	0	0	0
Barium	2	0	0	0	0	1	1
Beryllium	0.004	0	0	0	0	1	1
Cadmium	0.005	0	0	0	0	1	1
Chromium	0.1	0	0	0	0	1	1
Cyanide (as free cyanide)	0.2	0	0	0	0	1	1
Fluoride	4.0	0	0	0	0	1	1
Mercury	0.002	0	0	0	0	1	1
Nitrate	10 (as Nitrogen)	13	8	0	0	78	68
Nitrite	1.0 (as Nitrogen)	1	1	0	0	29	20
Selenium	0.05	3	1	0	0	1	1
Sodium	not applicable	0	0	0	0	7	7
Thallium	0.002	0	0	0	0	1	1
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	3	1	0	0	3	3
Radium-226 and radium-228	5 pCi/L	3	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		42	20*	0	0	210	111*

\*: Each system is only counted once in the subtotal category (i.e., 20 systems had 42 MCL violations and 111 systems had 210 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	4	4	0	0	0	0
Failure to complete Start-Up Procedures (RTCR)		0	0	21	21	0	0
Failure to conduct Level 1 Assessment (RTCR)		0	0	14	14	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	243	170
Major source water monitoring for Fecal Indicator (GWR)		0	0	0	0	25	21
Sanitary survey violations (failure to address significant deficiency, failure to have certified operator, and failure to maintain disinfectant residuals)		0	0	9	5	4	4

Subtotal		4	4*	44	42	272	179*
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\*Each system is counted only once in the subtotal category, i.e., 4 systems had 4 acute coliform bacteria MCL 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	1	1	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	1	1	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: 8 Copper: 20	Lead: 8 Copper: 15	0	0	0	0
Initial lead and copper tap M/R		0	0	0	0	0	0
Follow-up or routine lead and copper tap M/R		0	0	0	0	Cu: 10 Pb: 10	Cu: 10 Pb: 10
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	0	0

Lead consumer notice						11	11
Subtotal		28	22*	0	0	31	21*

\*: Each system is only counted once in the subtotal category (i.e., 22 systems had 28 ALE and 21 systems had 31 monitoring/reporting violations).

Stage 1 & 2 DBPR (TTHM & HAA5 included under Organic Contaminants)	MRDL or MCL	MRDL or MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Chlorine or chloramines residual	4.0 mg/L	0	0	0	0	7 MV 34 reporting	7 MV 23 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	1	1
Subtotal		0	0	0	0	42	31*

\*: Each system is only counted once in the subtotal category (i.e., 31 systems had 42 DBP reporting violations).

## APPENDIX B: Iowa Public Water Supply Violation Data

All public water supply systems that incurred one or more violations during 2019 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 2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201901672	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/30/2020
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201902386	Failure to conduct Public Notice	13-Aug-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/12/2020
380 BP	506	LINN	IA0690201	TNC	201901679	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	8/6/2019
ACKLEY MUNICIPAL WATER WORKS	1589	HARDIN	IA4201001	CWS	202000123	Total Trihalomethanes (TTHM)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2019
ACKLEY MUNICIPAL WATER WORKS	1589	HARDIN	IA4201001	CWS	202000124	Total Haloacetic Acids (HAA5)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2019
AG PROCESSING - REFINERY	50	WOODBURY	IA9774003	NTNC	202000337	Copper	30-Jun-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/18/2019
AG PROCESSING - REFINERY	50	WOODBURY	IA9774003	NTNC	202000338	Copper	31-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/18/2019
AINSWORTH 4 CORNERS RESTAURANT	400	WASHINGTON	IA9203760	TNC	202000191	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/18/2019
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	201901170	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/2/2019
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	201902188	Failure to conduct Public Notice	20-Jul-19	Public Notice Rule Linked to Violation	PN	NOV Issued	8/20/2019
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202000781	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/21/2020
ALLAMAKEE CO PUBLIC SAFETY CENTER	49	ALLAMAKEE	IA0300901	TNC	201900888	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	2/19/2019
ALLAMAKEE CO PUBLIC SAFETY CENTER	49	ALLAMAKEE	IA0300901	TNC	201901543	Failure to conduct Public Notice	22-May-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/25/2019
ALMONT TAP LLC	104	CLINTON	IA2326206	TNC	201901777	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/23/2019
AMANA SOCIETY WATER SYSTEM NORTH	1329	IOWA	IA4848001	CWS	201901645	Copper	30-Jun-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	9/3/2019
AMANA SOCIETY WATER SYSTEM NORTH	1329	IOWA	IA4848001	CWS	202000582	Failure to issue Lead Consumer Notice	30-Sep-19	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	12/3/2019
AMANA SOCIETY WATER SYSTEM NORTH	1329	IOWA	IA4848001	CWS	202000530	Nitrate (as N)	31-Oct-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/25/2019
AMANA SOCIETY WATER SYSTEM NORTH	1329	IOWA	IA4848001	CWS	202000608	Nitrate (as N)	30-Nov-19	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	12/2/2019
APOSTOLIC CHRISTIAN CHURCH	200	KOSSUTH	IA7470816	TNC	201901562	E. coli	30-Jun-19	MCL, EC+ (RTCR)	MCL	Compliance Achieved	8/29/2019
ARLINGTON WATER SUPPLY	429	FAYETTE	IA3307065	CWS	201902030	Sodium	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
ARMSTRONG WATER SUPPLY	943	EMMET	IA3203066	CWS	201901082	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/4/2019

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ASHTON MUNICIPAL WATER DEPARTMENT	483	OSCEOLA	IA7209069	CWS	201901089	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/6/2019
ATALISSA MUNICIPAL WATER SUPPLY	311	MUSCATINE	IA7009071	CWS	201902450	Lead	30-Sep-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/2/2019
ATKINS MUNICIPAL WATER WORKS	1670	BENTON	IA0603072	CWS	202000076	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/30/2019
BACKBONE GOLF AND COUNTRY CLUB	64	DELAWARE	IA2279854	TNC	201901702	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/1/2019
BAGLEY WATER SUPPLY	303	GUTHRIE	IA3902083	CWS	202000373	Manganese	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/2/2019
BATAVIA WATER WORKS	499	JEFFERSON	IA5107089	CWS	202000141	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/1/2019
BEDFORD WATER WORKS	1439	TAYLOR	IA8709096	CWS	202000186	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2019
BEDFORD WATER WORKS	1439	TAYLOR	IA8709096	CWS	202000462	Copper	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/2/2019
BEDFORD WATER WORKS	1439	TAYLOR	IA8709096	CWS	202000463	Lead	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/2/2019
BELL HARBOR	352	CERRO GORDO	IA1716418	TNC	202000094	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/9/2019
BIG RIVER UNITED ENERGY LLC	50	DELAWARE	IA3130802	NTNC	201902225	Lead	30-Sep-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/26/2019
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201901877	Nitrate (as N)	30-Jun-19	Operations Report	RPT	Compliance Achieved	10/21/2019
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201902340	Nitrate (as N)	31-Aug-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/1/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201902341	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202000107	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202000108	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/1/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202000290	Nitrate (as N)	30-Sep-19	Operations Report	RPT	Compliance Achieved	10/21/2019
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202000367	Nitrate (as N)	31-Oct-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/1/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202000368	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2020
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	202000301	Failure to conduct Level 1 Assessment	31-Oct-19	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	NOV Issued	12/17/2019
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	202000691	E. coli	10-Nov-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/13/2019
BLUFFTON STORE	60	WINNESHIEK	IA9630773	TNC	201901037	Failure to conduct Public Notice	21-Jan-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/28/2019

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BLUFFTON STORE	60	WINNESHIEK	IA9630773	TNC	201901038	Failure to conduct Public Notice	21-Jan-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/28/2019
BODENSTEINER IMPL (LS)	43	HOWARD	IA4535201	TNC	201901013	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/6/2019
BODENSTEINER IMPL (LS)	43	HOWARD	IA4535201	TNC	201902369	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/19/2019
BODENSTEINER IMPL (LS)	43	HOWARD	IA4535201	TNC	202000240	E. coli	16-Sep-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/19/2019
BOONDOCKS DBA JAY BROS TRUCK STOP	610	HAMILTON	IA4070201	TNC	201902452	Failure to conduct Level 1 Assessment	30-Sep-19	Level 1 Assessment, Multiple TC+ (RTCR)	TT	NOV Issued	11/27/2019
BOONDOCKS DBA JAY BROS TRUCK STOP	610	HAMILTON	IA4070201	TNC	202000814	Failure to conduct Public Notice	31-Dec-19	Public Notice Rule Linked to Violation	PN	NOV Issued	1/21/2020
BOOTLEGGERS	38	CLAYTON	IA2242786	TNC	201901156	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/5/2019
BOOTLEGGERS	38	CLAYTON	IA2242786	TNC	201901157	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/8/2019
BRADFORD HOUSE	50	CHICKASAW	IA1967222	TNC	202000769	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/13/2020
<b>BRIGGS WOODS PARK</b>	<b>118</b>	<b>HAMILTON</b>	<b>IA4063953</b>	<b>TNC</b>	<b>201901315</b>	<b>Failure to complete Start-Up Procedures</b>	<b>30-Apr-19</b>	<b>Start-Up Procedures TT (RTCR)</b>	<b>TT</b>	<b>Compliance Achieved</b>	<b>7/1/2019</b>
<b>BRIGGS WOODS PARK</b>	<b>118</b>	<b>HAMILTON</b>	<b>IA4063953</b>	<b>TNC</b>	<b>201901491</b>	<b>Coliform bacteria</b>	<b>31-May-19</b>	<b>Monitoring (RTCR), Routine Major</b>	<b>MON</b>	<b>Compliance Achieved</b>	<b>7/1/2019</b>
BRIGHTON MUNICIPAL WATER SUPPLY	660	WASHINGTON	IA9209043	CWS	202000718	Chlorine	30-Nov-19	Monitoring (MOR)	MON	Compliance Achieved	12/2/2019
BUFFALO RUN GOLF CLUB	51	CERRO GORDO	IA3423801	TNC	201901666	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/10/2019
BUFFALO RUN GOLF CLUB	51	CERRO GORDO	IA3423801	TNC	201901768	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/16/2019
BUFFALO RUN GOLF CLUB	51	CERRO GORDO	IA3423801	TNC	202000558	Failure to conduct Public Notice	21-Oct-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/27/2020
BURLINGTON MUNICIPAL WATERWORKS	25619	DES MOINES	IA2909053	CWS	201900882	Turbidity	31-Jan-19	Single Comb Filter Effluent (IESWTR)	TT	Compliance Achieved	2/1/2019
CAMANCHE WATER SUPPLY	4548	CLINTON	IA2322066	CWS	202000101	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/30/2019
CAMP ABE LINCOLN	210	SCOTT	IA8215448	TNC	201901883	Chlorine	19-Jul-19	Monitoring (MOR)	MON	NOV Issued	9/10/2019
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	201901477	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/18/2019
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	201902333	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/18/2019
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	202000250	Failure to conduct Public Notice	22-Sep-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/25/2020
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	202000095	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/18/2019

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CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	202000358	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/18/2019
CAMP C S KLAUS BOY SCOUT CAMP	152	CLAYTON	IA2809812	TNC	202000106	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/18/2019
CAMP INGAWANIS-MAPLE WELL	402	BREMER	IA0990401	TNC	201902409	Failure to conduct Level 1 Assessment	30-Sep-19	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	NOV Issued	12/2/2019
CAMP INGAWANIS-MAPLE WELL	402	BREMER	IA0990401	TNC	202000245	E. coli	30-Sep-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/2/2019
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201901033	Failure to conduct Public Notice	20-Jan-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/19/2018
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201901034	Failure to conduct Public Notice	20-Jan-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/19/2019
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201901035	Failure to conduct Public Notice	20-Jan-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/19/2019
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201902314	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/1/2019
CAMP SHALOM	120	JACKSON	IA4950401	TNC	201901534	Failure to complete Start-Up Procedures	31-May-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	10/3/2019
CAMP SHALOM	120	JACKSON	IA4950401	TNC	201902390	Failure to conduct Public Notice	17-Aug-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/3/2019
CAMP TANAGER	134	LINN	IA5715401	TNC	201901742	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/23/2019
CAMP WYOMING	191	JONES	IA5396409	TNC	201901026	Failure to conduct Public Notice	20-Jan-19	Public Notice Rule Linked to Violation	PN	NOV Issued	2/18/2019
CAMP WYOMING	191	JONES	IA5396409	TNC	202000273	Chlorine	31-Oct-19	Monitoring (MOR)	MON	Compliance Achieved	12/10/2019
CARLTON MOBILE HOME COURT	85	LINN	IA5700601	CWS	202000400	Copper	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/20/2019
CARLTON MOBILE HOME COURT	85	LINN	IA5700601	CWS	202000401	Lead	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/20/2019
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201901333	Coliform bacteria	30-Apr-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/28/2019
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201902441	E. coli	30-Sep-19	MCL, EC+ (RTCR)	MCL	Compliance Achieved	11/20/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201901088	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/18/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201901390	Failure to conduct Public Notice	16-Apr-19	Public Notice Rule Linked to Violation	PN	NOV Issued	5/17/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201901820	Failure to conduct Public Notice	23-Jun-19	Public Notice Rule Linked to Violation	PN	NOV Issued	7/16/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201901878	Chlorine	30-Jun-19	Operations Report	RPT	NOV Issued	7/15/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201902350	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/4/2019

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CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202000292	Chlorine	30-Sep-19	Operations Report	RPT	NOV Issued	10/14/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202000704	Failure to conduct Public Notice	02-Nov-19	Public Notice Rule Linked to Violation	PN	NOV Issued	12/19/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202000666	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/8/2020
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202000817	Failure to conduct Public Notice	21-Dec-19	Public Notice Rule Linked to Violation	PN	NOV Issued	1/22/2020
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202000784	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/8/2020
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201900899	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/20/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201901097	Failure to conduct Public Notice	23-Feb-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201901083	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/20/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201901134	Failure to meet Compliance Schedule	22-Mar-19	Variance/Exemption/Compliance Schedule	V/E	Compliance Achieved	5/14/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201901163	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/20/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201901311	Coliform bacteria	30-Apr-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/20/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201901547	Failure to conduct Public Notice	08-May-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/18/2019
CEDAR RIVER HARLEY DAVIDSON	33	FLOYD	IA3405202	TNC	201901371	Coliform bacteria	30-Apr-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/7/2019
CEDAR TERRACE MHC	600	LINN	IA5700600	CWS	201901235	Chlorine	31-Mar-19	Operations Report	RPT	Compliance Achieved	5/10/2019
CEDARCREST GOLF & COUNTRY CLUB	146	LOUISA	IA5815825	TNC	201901745	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2019
CENTER JUNCTION (EIRUSS)	111	JONES	IA5315005	CWS	201901905	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	7/25/2019
CENTRAL PARK - JONES CONSERVATION	260	JONES	IA5315967	TNC	201901882	Failure to return Start-Up Procedures Certification	30-Jun-19	Report Start-Up Procedures Cert Form (RTCR)	RPT	Compliance Achieved	8/5/2019
CENTRAL WATER WORKS	27	WEBSTER	IA9400801	CWS	201901900	Failure to issue Consumer Confidence Report	01-Jul-19	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/2/2019
CENTRAL WATER WORKS	27	WEBSTER	IA9400801	CWS	201901613	Failure to conduct Level 1 Assessment	31-Jul-19	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	9/30/2019
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	202000162	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/19/2019
CHARTER OAK WATER SUPPLY	502	CRAWFORD	IA2417018	CWS	201902337	Total Trihalomethanes (TTHM)	31-Jul-19	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2019
CHARTER OAK WATER SUPPLY	502	CRAWFORD	IA2417018	CWS	201902338	Total Haloacetic Acids (HAA5)	31-Jul-19	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2019

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CHESTER WATER SUPPLY	127	HOWARD	IA4509024	CWS	201901727	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
CHESTER WATER SUPPLY	127	HOWARD	IA4509024	CWS	201902058	Coliform bacteria	31-Jul-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/27/2019
CHRISTIAN CONFERENCE CENTER	146	JASPER	IA5059401	TNC	201901771	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/1/2019
CHRISTIAN CONFERENCE CENTER	146	JASPER	IA5059401	TNC	202000677	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/20/2019
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	202000163	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/14/2019
CLAYTON HILLS CAMPGROUND	25	CLAYTON	IA2234441	TNC	201901650	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/9/2019
CLAYTON HILLS CAMPGROUND	25	CLAYTON	IA2234441	TNC	201901700	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/15/2019
CLERMONT WATER SUPPLY	642	FAYETTE	IA3317047	CWS	202000653	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/17/2019
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202000242	E. coli	23-Sep-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/19/2019
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202000696	E. coli	03-Nov-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/19/2019
CLOVER RIDGE SUBDIVISION	370	BENTON	IA0690301	CWS	201901148	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/20/2019
CLOVER RIDGE SUBDIVISION	370	BENTON	IA0690301	CWS	201901149	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/20/2019
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	201901498	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/5/2019
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202000252	Failure to conduct Public Notice	22-Sep-19	Public Notice Rule Linked to Violation	PN	NOV Issued	10/16/2019
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202000662	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/19/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902068	Alachlor (Lasso)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902069	Atrazine	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902070	2,4-D	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902071	Di(2-Ethylhexyl) Adipate	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902072	Di(2-Ethylhexyl) Phthalate	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902073	Pentachlorophenol	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902074	Picloram	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902075	Simazine	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902076	Diquat	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902077	Glyphosate	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902078	Benzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902079	Carbon Tetrachloride	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902080	o-Dichlorobenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902081	p-Dichlorobenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902082	1,2-Dichloroethane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902083	cis-1,2-Dichloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902084	1,1-Dichloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902085	trans-1,2-Dichloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902086	Dichloromethane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902087	1,2-Dichloropropane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902088	Ethylbenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902089	Monochlorobenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902090	Styrene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902091	Tetrachloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902092	1,2,4-Trichlorobenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902093	1,1,1-Trichloroethane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902094	1,1,2-Trichloroethane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902095	Trichloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902096	Vinyl Chloride	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019

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COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201902097	Xylenes	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/27/2019
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	202000679	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/19/2019
CONAGRA FOODS PACKAGED FOODS LLC	540	LEE	IA5625141	NTNC	202000665	Nitrate (as N)	30-Nov-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2019
CORNER MARKET CORPORATION OF NEW MELLERAY	252	SCOTT	IA8258201	TNC	201901207	Failure to conduct Public Notice	22-Mar-19	Public Notice Rule Linked to Violation	PN	NOV Issued	4/16/2019
CORPORATION OF NEW MELLERAY	90	DUBUQUE	IA3100899	CWS	201901843	Chlorine	30-Jun-19	Operations Report	RPT	Compliance Achieved	11/8/2019
CORPORATION OF NEW MELLERAY	90	DUBUQUE	IA3100899	CWS	201902423	Chlorine	31-Aug-19	Operations Report	RPT	Compliance Achieved	11/8/2019
CORRIDOR RIDGE SUBDIVISION	108	JOHNSON	IA5280303	CWS	201901190	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/13/2019
CORRIDOR RIDGE SUBDIVISION	108	JOHNSON	IA5280303	CWS	201901363	Sodium	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/20/2019
COULTER WATER SUPPLY	281	FRANKLIN	IA3525079	CWS	201902031	Nitrogen-Ammonia (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/9/2019
COUNTRY CELEBRATIONS EVENT CENTER	200	PLYMOUTH	IA7528201	TNC	202000216	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/26/2019
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	201901744	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/30/2019
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	202000555	Failure to conduct Public Notice	20-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	202000844	Failure to issue Lead Consumer Notice	31-Dec-19	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/31/2020
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902037	Benzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902038	Carbon Tetrachloride	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902039	o-Dichlorobenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902040	p-Dichlorobenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902041	1,2-Dichloroethane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902042	cis-1,2-Dichloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902043	1,1-Dichloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902044	trans-1,2-Dichloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902045	Dichloromethane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019

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COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902046	1,2-Dichloropropane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902047	Ethylbenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902048	Monochlorobenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902049	Styrene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902050	Tetrachloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902051	Toluene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902052	1,2,4-Trichlorobenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902053	1,1,1-Trichloroethane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902054	1,1,2-Trichloroethane	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902055	Trichloroethylene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902056	Vinyl Chloride	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201902057	Xylenes	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/24/2019
<b>COUNTY LINE</b>	<b>30</b>	<b>DUBUQUE</b>	<b>IA3198201</b>	<b>TNC</b>	<b>201901198</b>	<b>Nitrate (as N)</b>	<b>31-Mar-19</b>	<b>Monitoring (Chem-Rad), Routine Major</b>	<b>MON</b>	<b>Compliance Achieved</b>	<b>5/11/2019</b>
CRAIG WATER WORKS	95	PLYMOUTH	IA7521084	CWS	202000168	Total Haloacetic Acids (HAA5)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/23/2019
CRAIG WATER WORKS	95	PLYMOUTH	IA7521084	CWS	202000169	Total Trihalomethanes (TTHM)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/23/2019
CREIGHTON UNIVERSITY RETREAT CENTER	91	POTTAWATTAMIE	IA7809801	TNC	201901632	Failure to conduct Level 1 Assessment	31-Jul-19	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	Compliance Achieved	10/7/2019
CREIGHTON UNIVERSITY RETREAT CENTER	91	POTTAWATTAMIE	IA7809801	TNC	201902315	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/7/2019
CRESTON WATER SUPPLY	7834	UNION	IA8816089	CWS	201901182	Nitrite (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/11/2019
CROOKED CREEK CHRISTIAN CAMP	43	WASHINGTON	IA9271801	TNC	202000039	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/21/2019
CROP PRODUCTION SERVICES	49	HARRISON	IA4316201	TNC	201901800	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/14/2019
CRYSTAL LAKE WATER SUPPLY	250	HANCOCK	IA4115092	CWS	201901239	Copper	30-Jun-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	5/21/2019
CRYSTAL LAKE WATER SUPPLY	250	HANCOCK	IA4115092	CWS	201901917	Failure to meet Compliance Schedule	15-Jul-19	Variance/Exemption/Compliance Schedule	V/E	NOV Issued	8/7/2019

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DAIRY MART	62	WASHINGTON	IA9203763	TNC	201901763	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/25/2019
DAVIS CITY WATER SUPPLY	204	DECATUR	IA2715009	CWS	201901480	Total Trihalomethanes (TTHM)	30-Apr-19	Monitoring (DBP), Routine Major	MON	Compliance Achieved	7/30/2019
DAVIS CITY WATER SUPPLY	204	DECATUR	IA2715009	CWS	201901481	Total Haloacetic Acids (HAA5)	30-Apr-19	Monitoring (DBP), Routine Major	MON	Compliance Achieved	7/30/2019
DAYBREAK FOODS EAGLE GROVE COMPLEX	210	WRIGHT	IA9926801	NTNC	201902270	Copper	31-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/30/2019
DAYTON MUNICIPAL WATER SUPPLY	842	WEBSTER	IA9425011	CWS	202000253	Failure to conduct Public Notice	01-Oct-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/30/2019
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201901811	Failure to conduct Public Notice	03-Jun-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/25/2019
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201901812	Failure to conduct Public Notice	20-Jun-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/25/2019
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201901409	Selenium	30-Jun-19	MCL (Chem-Rad), Average	MCL	BCA Signed	2/14/2020
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201902216	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	12/11/2019
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201902263	Selenium	30-Sep-19	MCL (Chem-Rad), Average	MCL	BCA Signed	2/14/2020
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	202000719	Selenium	31-Dec-19	MCL (Chem-Rad), Average	MCL	BCA Signed	2/14/2020
DEER VALLEY LODGE	100	CERRO GORDO	IA1785421	TNC	201901663	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/19/2019
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201901781	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/27/2019
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201902175	Coliform bacteria	31-Jul-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/27/2019
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	201900871	Nitrate (as N)	31-Jan-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	7/29/2019
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	201901105	Failure to conduct Public Notice	03-Feb-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/9/2019
DELMAR WATER SUPPLY	525	CLINTON	IA2328024	CWS	201902288	Failure to maintain Microbial Treatment	30-Jun-19	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	9/20/2019
DELOIT MUNI WATER SUPPLY	272	CRAWFORD	IA2421025	CWS	201901079	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/4/2019
DELOIT MUNI WATER SUPPLY	272	CRAWFORD	IA2421025	CWS	202000771	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/14/2020
DERBY GRANGE GOLF INC	200	DUBUQUE	IA3126206	TNC	201901649	Failure to complete Start-Up Procedures	31-Mar-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/5/2020
DESOTO BEND MINI MART	87	POTTAWATTAMIE	IA4344202	TNC	201901020	E. coli	12-Jan-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/17/2019
DESOTO BEND MINI MART	87	POTTAWATTAMIE	IA4344202	TNC	201901001	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/27/2019

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DESOTO BEND MINI MART	87	POTTAWATTAMIE	IA4344202	TNC	201901553	Failure to conduct Public Notice	22-May-19	Public Notice Rule Linked to Violation	PN	NOV Issued	6/20/2019
DESOTO BEND MINI MART	87	POTTAWATTAMIE	IA4344202	TNC	201901554	Failure to conduct Public Notice	22-May-19	Public Notice Rule Linked to Violation	PN	NOV Issued	6/20/2019
DIAGONAL WATER DEPARTMENT	330	RINGGOLD	IA8018040	CWS	202000425	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/19/2019
DIAGONAL WATER DEPARTMENT	330	RINGGOLD	IA8018040	CWS	202000600	Failure to issue Lead Consumer Notice	30-Nov-19	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	1/20/2020
<b>DIETRICK MOBILE HOME PARK</b>	<b>212</b>	<b>GRUNDY</b>	<b>IA3800600</b>	<b>CWS</b>	<b>202000371</b>	<b>Coliform bacteria</b>	<b>31-Oct-19</b>	<b>Monitoring (RTCR), Routine Major</b>	<b>MON</b>	<b>NOV Issued</b>	<b>11/19/2019</b>
DIVIDE HILL BAR & GRILL	50	MONONA	IA6715203	TNC	201901793	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/19/2019
DIVIDE HILL BAR & GRILL	50	MONONA	IA6715203	TNC	202000563	Failure to conduct Public Notice	22-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	201901346	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/10/2019
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	201902379	Failure to conduct Public Notice	17-Aug-19	Public Notice Rule Linked to Violation	PN	NOV Issued	9/17/2019
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	202000179	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/16/2019
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	202000429	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/12/2019
DONNELLSON MUNI WATER WORKS	912	LEE	IA5620046	CWS	201901124	Gross Alpha, excluding Rn & U	31-Mar-19	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/12/2019
DONNELLSON MUNI WATER WORKS	912	LEE	IA5620046	CWS	201901405	Gross Alpha, excluding Rn & U	31-Mar-19	MCL (Chem-Rad), Average	MCL	Compliance Achieved	9/5/2019
DONNELLSON MUNI WATER WORKS	912	LEE	IA5620046	CWS	201901939	Gross Alpha, excluding Rn & U	30-Jun-19	MCL (Chem-Rad), Average	MCL	Compliance Achieved	9/5/2019
DOON WATER SUPPLY	577	LYON	IA6015047	CWS	202000669	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/17/2019
DOT-4 (I-680 RA 023S LOVELAND)	175	POTTAWATTAMIE	IA7838715	TNC	201902401	Failure to conduct Level 1 Assessment	30-Sep-19	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	10/25/2019
DOW CITY WATER WORKS	510	CRAWFORD	IA2427049	CWS	202000645	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/9/2019
DOW CITY WATER WORKS	510	CRAWFORD	IA2427049	CWS	202000646	Nitrate (as N)	30-Nov-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/9/2019
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	201902167	Coliform bacteria	31-Jul-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/20/2019
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	201901006	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/27/2019
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	202000212	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/25/2019
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	202000695	E. coli	17-Nov-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/6/2020

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DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	202000792	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/6/2020
DUBUQUE YMCA CAMP	60	DUBUQUE	IA3126489	TNC	202000729	Flow	30-Sep-19	Reporting (RPT)	RPT	NOV Issued	12/18/2019
EAGLE LANE CORPORATION	53	SCOTT	IA8215308	CWS	201901902	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/2/2019
EFFIGY MOUNDS NATIONAL MONUMENT	328	CLAYTON	IA2258494	TNC	201900896	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/5/2019
EIP MANUFACTURING, LLC	60	DELAWARE	IA2825101	NTNC	201901357	Nitrate (as N)	30-Apr-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/23/2019
ELBERON WATER SUPPLY	196	TAMA	IA8631003	CWS	201901762	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/31/2019
ELBERON WATER SUPPLY	196	TAMA	IA8631003	CWS	202000571	Copper	30-Sep-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/21/2019
ELDON WATER SUPPLY	927	WAPELLO	IA9053004	CWS	202000188	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/22/2019
ELKADER GRACE EVANGELICAL FREE CHURCH	120	CLAYTON	IA2223801	TNC	202000236	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/15/2019
ELLIOTT WATER SUPPLY	350	MONTGOMERY	IA6915015	CWS	201901750	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/1/2019
ELLIOTT WATER SUPPLY	350	MONTGOMERY	IA6915015	CWS	201901751	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/1/2019
ELY WATER SUPPLY	1776	LINN	IA5728018	CWS	201901502	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/15/2019
EPWORTH WATER SUPPLY	1860	DUBUQUE	IA3133033	CWS	201901080	Nitrate (as N)	28-Feb-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/18/2019
ESSEX WATER SUPPLY	798	PAGE	IA7349023	CWS	201901090	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/20/2019
E-STOP	63	MILLS	IA6520201	TNC	201901193	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/15/2019
EVANSDALE WATER WORKS	4751	BLACK HAWK	IA0723027	CWS	201901692	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/2/2019
F B & COMPANY	42	LINN	IA5720201	TNC	201901002	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/28/2019
F B & COMPANY	42	LINN	IA5720201	TNC	202000204	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/24/2019
FAIRFAX WATER SUPPLY	2123	LINN	IA5731032	CWS	202000667	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/16/2019
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	201901131	Copper	30-Jun-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	4/4/2019
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	202000265	Copper	31-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/17/2019
FAITH COMMUNITY CHURCH	300	POCAHONTAS	IA7622802	TNC	201901093	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/31/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
FARMINGTON WATER SUPPLY	664	VAN BUREN	IA8930038	CWS	202000465	Copper	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/26/2019
FARMINGTON WATER SUPPLY	664	VAN BUREN	IA8930038	CWS	202000466	Lead	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/26/2019
FC UNITED SOCCER CLUB INC	100	LINN	IA5715215	TNC	202000805	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/27/2020
FC UNITED SOCCER CLUB INC	100	LINN	IA5715215	TNC	202000806	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/27/2020
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	201901785	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2020
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	201901786	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/21/2019
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	202000231	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/21/2019
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201902382	Failure to conduct Public Notice	20-Aug-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/18/2019
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201902383	Failure to conduct Public Notice	20-Aug-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/18/2019
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201902384	Failure to conduct Public Notice	20-Aug-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/18/2019
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201902385	Failure to conduct Public Notice	20-Aug-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/18/2019
FLOYD MUNI WATER SUPPLY	335	FLOYD	IA3414044	CWS	202000623	Di(2-Ethylhexyl) Phthalate	31-Dec-19	MCL (Chem-Rad), Average	MCL	NOV Issued	12/9/2019
FLYING J NO 572	1892	HAMILTON	IA4070204	NTNC	201902229	Copper	30-Sep-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/22/2019
FORT DODGE ASPHALT	26	WEBSTER	IA9433102	TNC	202000213	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/31/2019
FREEZE FRAME BOWL	55	FLOYD	IA1253851	TNC	201901378	Failure to conduct Public Notice	21-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/28/2019
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	202000157	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/26/2019
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	202000158	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/26/2019
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	202000402	Nitrate (as N)	31-Oct-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/26/2019
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	202000403	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/26/2019
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	202000785	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/12/2020
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	202000786	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/12/2020
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201900838	Arsenic	31-Mar-19	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019

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GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201901210	Arsenic	30-Jun-19	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201901863	Arsenic	30-Sep-19	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202000321	Chlorine	28-Oct-19	Monitoring (MOR)	MON	NOV Issued	10/28/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202000030	Arsenic	31-Dec-19	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GAVIN ESTATES	52	DUBUQUE	IA3100823	CWS	202000773	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/6/2020
GLENN OAKS ADDITION	58	LINN	IA5784313	CWS	202000841	Failure to issue Lead Consumer Notice	31-Dec-19	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/31/2020
GOOSEYS BAR & GRILL	42	MITCHELL	IA6634202	TNC	201901521	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/18/2019
GOOSEYS BAR & GRILL	42	MITCHELL	IA6634202	TNC	202000257	Failure to conduct Public Notice	22-Sep-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/29/2019
GRANDVIEW CIRCLE WATER ASSOCIATION	48	CERRO GORDO	IA1716302	TNC	201901778	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2019
GRANDVIEW CIRCLE WATER ASSOCIATION	48	CERRO GORDO	IA1716302	TNC	202000560	Failure to conduct Public Notice	22-Oct-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/6/2019
GRANGER MUNI WATER SUPPLY	1244	DALLAS	IA2537001	CWS	201901616	Copper	30-Jun-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/21/2020
GRANGER MUNI WATER SUPPLY	1244	DALLAS	IA2537001	CWS	202000934	Copper	31-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/21/2020
GREENWOOD ACRES WATER CO.	325	POLK	IA7709395	CWS	201902293	Copper	30-Jun-19	AL (Pb/Cu), 90th Percentile	MCL	Compliance Achieved	4/20/2020
GREENWOOD ACRES WATER CO.	325	POLK	IA7709395	CWS	202000572	Copper	31-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	Compliance Achieved	4/20/2020
HAMMYS HIDEOUT	27	ALLAMAKEE	IA0397201	TNC	201901556	Failure to conduct Public Notice	07-May-19	Public Notice Rule Linked to Violation	PN	NOV Issued	6/25/2019
HAMMYS HIDEOUT	27	ALLAMAKEE	IA0397201	TNC	202000217	E. coli	30-Sep-19	Monitoring (GWR) AS, Major	MON	Compliance Achieved	11/25/2019
HAMMYS HIDEOUT	27	ALLAMAKEE	IA0397201	TNC	202000218	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/25/2019
HAMMYS HIDEOUT	27	ALLAMAKEE	IA0397201	TNC	202000484	E. coli	31-Oct-19	Monitoring (GWR) AS, Major	MON	Compliance Achieved	11/25/2019
HAMMYS HIDEOUT	27	ALLAMAKEE	IA0397201	TNC	202000485	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/25/2019
HANCOCK COUNTY FAIRGROUNDS	27	HANCOCK	IA4103201	TNC	201901667	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/12/2019
HANLONTOWN WATER SUPPLY SYSTEM	228	WORTH	IA9830001	CWS	201902166	Di(2-Ethylhexyl) Phthalate	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/10/2019
HART RIDGE GOLF COURSE	167	DELAWARE	IA2839203	TNC	201901003	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/14/2019

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HART RIDGE GOLF COURSE	167	DELAWARE	IA2839203	TNC	201901004	Nitrate (as N)	31-Jan-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/14/2019
HARVEST FARM CAMPGROUND LLC	129	WINNESHIEK	IA9666201	TNC	201902361	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/16/2019
HEDRICK WATER SUPPLY	764	KEOKUK	IA5432042	CWS	201902347	Total Trihalomethanes (TTHM)	31-Jul-19	Monitoring (DBP), Routine Major	MON	NOV Issued	11/6/2019
HEDRICK WATER SUPPLY	764	KEOKUK	IA5432042	CWS	201902348	Total Haloacetic Acids (HAA5)	31-Jul-19	Monitoring (DBP), Routine Major	MON	NOV Issued	11/6/2019
HEDRICK WATER SUPPLY	764	KEOKUK	IA5432042	CWS	202000151	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2019
HEDRICK WATER SUPPLY	764	KEOKUK	IA5432042	CWS	202000394	Copper	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/25/2019
HEDRICK WATER SUPPLY	764	KEOKUK	IA5432042	CWS	202000395	Lead	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/25/2019
HERITAGE OAKS GOLF & COUNTRY CLUB	60	LOUISA	IA5879826	TNC	201902203	Failure to conduct Level 1 Assessment	31-Aug-19	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	9/25/2019
HERITAGE OAKS GOLF & COUNTRY CLUB	60	LOUISA	IA5879826	TNC	202000404	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/8/2020
HIDDEN HILLS GOLF COURSE	155	SCOTT	IA8209802	TNC	201901343	Coliform bacteria	30-Apr-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/21/2019
HIDDEN HILLS GOLF COURSE	155	SCOTT	IA8209802	TNC	202000673	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/18/2019
HIDDEN RIVER CAMPGROUNDS	101	CEDAR	IA1689401	TNC	201901653	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/12/2019
HIDDEN RIVER CAMPGROUNDS	101	CEDAR	IA1689401	TNC	201902374	Failure to conduct Public Notice	17-Aug-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/12/2019
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	201901401	Failure to conduct Public Notice	21-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/28/2019
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	202000585	Chlorine	31-Oct-19	Operations Report	RPT	Compliance Achieved	1/9/2020
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	202000796	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/29/2020
HILLSIDE GOLF	62	HANCOCK	IA5592893	TNC	202000664	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/2/2019
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	202000693	E. coli	11-Nov-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/24/2020
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	202000638	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2020
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	202000767	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2020
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	202000768	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/28/2020
HOLLAND WATER SUPPLY	282	GRUNDY	IA3839052	CWS	201901901	Failure to issue Consumer Confidence Report	01-Jul-19	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/26/2019

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HOWARD H CHERRY SCOUT RESERVATION	155	LINN	IA5720421	TNC	201901928	Chlorine	30-Jun-19	Operations Report	RPT	Compliance Achieved	8/5/2019
HUMBOLDT COUNTRY CLUB	82	HUMBOLDT	IA4641884	TNC	201901493	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/18/2019
HUMBOLDT COUNTRY CLUB	82	HUMBOLDT	IA4641884	TNC	201901728	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/12/2019
HUMBOLDT COUNTRY CLUB	82	HUMBOLDT	IA4641884	TNC	201901729	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/18/2019
HUNTS CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	201901474	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/10/2019
HUNTS CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202000357	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/19/2019
IOWA CAGE FREE	28	WRIGHT	IA9937101	NTNC	202000581	Failure to issue Lead Consumer Notice	30-Sep-19	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	12/19/2019
IOWA LIMESTONE CO	46	HARDIN	IA4213103	NTNC	201902230	Lead	30-Sep-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/22/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201901021	Failure to conduct Public Notice	21-Jan-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/29/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201900891	Nitrate (as N)	31-Jan-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/6/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201901375	Failure to conduct Public Notice	20-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/29/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201901376	Failure to conduct Public Notice	20-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/29/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201901455	Chlorine	30-Apr-19	Operations Report	RPT	Compliance Achieved	7/29/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201901544	Failure to conduct Public Notice	22-May-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/29/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201901683	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	7/29/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201901688	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201901873	Chlorine	30-Jun-19	Operations Report	RPT	Compliance Achieved	7/29/2019
ISLAND PARK BEACH HOUSE	40	BLACK HAWK	IA0709401	TNC	202000482	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/20/2019
ISU	42001	STORY	IA8503528	CWS	202000183	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/16/2019
JAMAICA WATER SUPPLY	224	GUTHRIE	IA3949000	CWS	202000843	Copper	31-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/23/2020
JEFFERSON WATER DEPARTMENT	4373	GREENE	IA3742004	CWS	201901721	Nitrite (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/10/2019
JEFFERSON WATER DEPARTMENT	4373	GREENE	IA3742004	CWS	201901722	Nitrite (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/10/2019

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JERICO JOS	28	CHICKASAW	IA1951201	TNC	202000211	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2019
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201901011	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/19/2019
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201901206	Failure to conduct Public Notice	22-Mar-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/16/2019
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201901557	Failure to conduct Public Notice	22-May-19	Public Notice Rule Linked to Violation	PN	NOV Issued	8/27/2019
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201901532	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/3/2019
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	202000258	Failure to conduct Public Notice	22-Sep-19	Public Notice Rule Linked to Violation	PN	NOV Issued	10/16/2019
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	202000225	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/26/2019
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	202000490	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/26/2019
JOICE WATER SUPPLY	222	WORTH	IA9835001	CWS	201902403	Lead	30-Sep-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	9/19/2019
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201900827	Failure to conduct Public Notice	01-Jan-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/28/2019
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201901399	Failure to conduct Public Notice	16-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/28/2019
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201901575	Chlorine	30-Apr-19	Operations Report	RPT	AO with penalty	2/17/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201901617	Failure to submit annual PWS fee	30-Jun-19	Annual PWS Fee Submittal	STA	AO with penalty	2/17/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201901898	Chlorine	30-Jun-19	Operations Report	RPT	AO with penalty	2/17/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201902192	Failure to conduct Public Notice	16-Jul-19	Public Notice Rule Linked to Violation	PN	AO with penalty	2/17/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202000294	Chlorine	30-Sep-19	Operations Report	RPT	AO with penalty	2/17/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202000709	Failure to conduct Public Notice	02-Nov-19	Public Notice Rule Linked to Violation	PN	AO with penalty	2/17/2020
KALMES STORE	112	JACKSON	IA4979796	TNC	201901736	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/3/2019
KALMES STORE	112	JACKSON	IA4979796	TNC	202000554	Failure to conduct Public Notice	21-Oct-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/16/2020
KERRY	80	CHICKASAW	IA1940101	NTNC	201902334	Total Trihalomethanes (TTHM)	31-Jul-19	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2019
KERRY	80	CHICKASAW	IA1940101	NTNC	201902335	Total Haloacetic Acids (HAA5)	31-Jul-19	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2019
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201901690	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/8/2019

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KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201901691	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/9/2019
KINGDOM HALL (WAUKON)	50	ALLAMAKEE	IA0398802	TNC	201901789	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/15/2019
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	201901907	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/2/2019
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202000650	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/20/2019
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202000726	Chlorine	30-Nov-19	Operations Report	RPT	NOV Issued	12/27/2019
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202000772	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/22/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202000827	Chlorine	31-Dec-19	Operations Report	RPT	NOV Issued	1/17/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202000872	Sodium	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/18/2020
KNIERIM WATER SUPPLY	60	CALHOUN	IA1340001	CWS	201902219	Nitrite (as N)	31-Aug-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	2/27/2020
KNOTTY PINE TAVERN	25	ALLAMAKEE	IA0315201	TNC	201902186	E. coli	21-Jul-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/12/2019
KNOTTY PINE TAVERN	25	ALLAMAKEE	IA0315201	TNC	202000074	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/15/2019
KROUL FARMS	55	LINN	IA5758203	TNC	201901558	Failure to conduct Public Notice	22-May-19	Public Notice Rule Linked to Violation	PN	NOV Issued	6/25/2019
KROUL FARMS	55	LINN	IA5758203	TNC	201902372	E. coli	09-Aug-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/16/2019
KROUL FARMS	55	LINN	IA5758203	TNC	201902371	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/16/2019
L T TAP	25	CHICKASAW	IA1957201	TNC	201901050	Nitrate (as N)	28-Feb-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/13/2020
L T TAP	25	CHICKASAW	IA1957201	TNC	201901056	Nitrate (as N)	31-Mar-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/13/2020
L T TAP	25	CHICKASAW	IA1957201	TNC	201901130	Nitrate (as N)	30-Apr-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/13/2020
L T TAP	25	CHICKASAW	IA1957201	TNC	201901236	Nitrate (as N)	31-May-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/13/2020
L T TAP	25	CHICKASAW	IA1957201	TNC	202000098	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/7/2019
LA PORTE CITY UTILITIES	2285	BLACK HAWK	IA0743057	CWS	201902019	Copper	30-Jun-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	10/16/2019
LA PORTE CITY UTILITIES	2285	BLACK HAWK	IA0743057	CWS	201902020	Lead	30-Jun-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	10/16/2019
LAKE MACBRIDE GOLF COURSE	45	JOHNSON	IA5282803	TNC	201901168	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/29/2019

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LAKE ODESSA CABIN OWNERS ASSOC.	31	LOUISA	IA5879424	TNC	202000007	Failure to conduct Level 1 Assessment	31-Oct-19	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	11/6/2019
LAKESIDE MUNICIPAL GOLF	105	WEBSTER	IA9433202	TNC	201901670	Failure to complete Start-Up Procedures	31-Mar-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/2/2020
LAKESIDE MUNICIPAL GOLF	105	WEBSTER	IA9433202	TNC	201902381	Failure to conduct Public Notice	13-Aug-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/2/2020
LAKESIDE NATIONAL GOLF CLUB	30	GREENE	IA3730886	TNC	201901660	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/8/2019
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000195	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/24/2019
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000196	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/24/2019
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000197	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/22/2019
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000473	Copper	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/19/2019
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000474	Lead	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/19/2019
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000475	Nitrogen-Ammonia (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/24/2019
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000476	Nitrogen-Ammonia (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/24/2019
LANGWORTHY FARMERS MARKET	25	JONES	IA5331202	TNC	201901042	Failure to conduct Public Notice	20-Jan-19	Public Notice Rule Linked to Violation	PN	NOV Issued	2/18/2019
LANGWORTHY FARMERS MARKET	25	JONES	IA5331202	TNC	201901043	Failure to conduct Public Notice	20-Jan-19	Public Notice Rule Linked to Violation	PN	NOV Issued	2/18/2019
LANGWORTHY FARMERS MARKET	25	JONES	IA5331202	TNC	202000804	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/31/2020
LAZY SUSAN CAMPGROUND	70	CLAYTON	IA2268601	TNC	201901417	Nitrate (as N)	30-Jun-19	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	5/22/2019
LEDYARD WATER SUPPLY	130	KOSSUTH	IA5543069	CWS	201901739	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/24/2019
LIME SPRINGS WATER SUPPLY	505	HOWARD	IA4535081	CWS	201902345	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/3/2019
LINDSEY ESTATES	58	JOHNSON	IA5285301	CWS	202000480	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/25/2019
LINEVILLE WATER SUPPLY	245	WAYNE	IA9352084	CWS	202000193	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/1/2019
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201901414	Failure to obtain Construction Permit	07-May-19	Construction Without Permit	STA	Compliance Achieved	7/16/2019
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201901631	Failure to address a Significant Deficiency	30-Jun-19	Failure Address Deficiency (GWR)	TT	Compliance Achieved	7/22/2019
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	201901528	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/19/2019

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LITTLE SIOUX WATER DEPARTMENT	157	HARRISON	IA4333089	CWS	202000125	Total Trihalomethanes (TTHM)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/23/2019
LITTLE SIOUX WATER DEPARTMENT	157	HARRISON	IA4333089	CWS	202000126	Total Haloacetic Acids (HAA5)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/23/2019
LIVERMORE WATER SUPPLY	384	HUMBOLDT	IA4647090	CWS	201901730	Nitrite (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/20/2019
LIVERMORE WATER SUPPLY	384	HUMBOLDT	IA4647090	CWS	201901731	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/20/2019
LIVERMORE WATER SUPPLY	384	HUMBOLDT	IA4647090	CWS	201901732	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/20/2019
LIVERMORE WATER SUPPLY	384	HUMBOLDT	IA4647090	CWS	202000876	Sodium	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
LIZARD CREEK RANCH	125	WEBSTER	IA9433801	CWS	202000221	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/14/2019
LIZARD CREEK RANCH	125	WEBSTER	IA9433801	CWS	202000488	Nitrogen-Ammonia (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/12/2019
LOFTED VIEW EVENTS	314	WOODBURY	IA9778202	TNC	202000712	Failure to meet Compliance Schedule	15-Nov-19	Variance/Exemption/Compliance Schedule	V/E	Compliance Achieved	1/6/2020
LONE ROCK WATER SUPPLY	146	KOSSUTH	IA5547094	CWS	201901740	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/24/2019
LORE OAKS HOMEOWNERS ASSN.	57	DUBUQUE	IA3126306	CWS	201901486	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/3/2019
LOST BEACH RESORT	50	DELAWARE	IA2817401	TNC	202000730	Operations Report	30-Apr-19	Reporting (RPT)	RPT	Compliance Achieved	6/12/2019
LOST NATION WATER SUPPLY	452	CLINTON	IA2346047	CWS	201902391	Failure to consult with DNR	31-Jul-19	Failure to Consult, GWR	RPT	Compliance Achieved	10/9/2019
LOUISA CO LAW ENFORCEMENT CTR	46	LOUISA	IA5800901	CWS	202000159	Total Trihalomethanes (TTHM)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	11/6/2019
LOUISA CO LAW ENFORCEMENT CTR	46	LOUISA	IA5800901	CWS	202000160	Total Haloacetic Acids (HAA5)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	11/6/2019
LOUISA COURTS MHP & SALES	121	MUSCATINE	IA7000689	CWS	201902209	Chlorine	30-Jun-19	Monitoring (MOR)	MON	Compliance Achieved	10/10/2019
LOYAL ORDER OF THE MOOSE LODGE/C RAPIDS	70	LINN	IA5715209	TNC	201901522	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/12/2019
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	202000683	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/9/2020
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	202000684	E. coli	30-Nov-19	Monitoring (GWR) AS, Major	MON	Compliance Achieved	4/9/2020
LYON-SIOUX RWS-DOON	1720	LYON	IA6000733	CWS	201901749	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/23/2019
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	201901053	Arsenic	31-Mar-19	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	201901221	Arsenic	30-Jun-19	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019

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MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	201901909	Arsenic	30-Sep-19	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	202000306	Arsenic	31-Dec-19	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MAGGIES DINER	70	CLAYTON	IA2258201	TNC	201900890	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	2/5/2019
MAGGIES DINER	70	CLAYTON	IA2258201	TNC	202000099	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/1/2019
MALLARD WATER SUPPLY	279	PALO ALTO	IA7450019	CWS	201901136	Arsenic	30-Jun-19	MCL (Chem-Rad), Average	MCL	BCA Signed	12/19/2019
MALLARD WATER SUPPLY	279	PALO ALTO	IA7450019	CWS	202000407	Arsenic	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/12/2019
MALLARD WATER SUPPLY	279	PALO ALTO	IA7450019	CWS	202000573	Arsenic	30-Sep-19	MCL (Chem-Rad), Average	MCL	BCA Signed	12/19/2019
MALLARD WATER SUPPLY	279	PALO ALTO	IA7450019	CWS	202000630	Arsenic	31-Dec-19	MCL (Chem-Rad), Average	MCL	BCA Signed	12/19/2019
MALVERN WATER SUPPLY	1142	MILLS	IA6545020	CWS	201901208	Nitrate (as N)	30-Apr-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/18/2019
MANCHESTER LIVESTOCK AUCTION	123	DELAWARE	IA2839202	TNC	201901005	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/25/2019
MAPLE HILLS COUNTRY CLUB	55	BREMER	IA0975895	TNC	202000083	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2019
MARENGO WATER SUPPLY	2528	IOWA	IA4843033	CWS	202000138	Total Trihalomethanes (TTHM)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/16/2019
MARENGO WATER SUPPLY	2528	IOWA	IA4843033	CWS	202000139	Total Haloacetic Acids (HAA5)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/16/2019
MARION VILLAGE	850	LINN	IA5751601	CWS	201901234	Chlorine	31-Mar-19	Operations Report	RPT	Compliance Achieved	5/10/2019
MARK TWAIN MEADOWS HOMEOWNERS	375	MUSCATINE	IA7048301	CWS	201901752	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/2/2019
MARTIN MARIETTA AGGREGATES	33	HARDIN	IA4260102	NTNC	201901127	Lead	30-Jun-19	AL (Pb/Cu), 90th Percentile	MCL	Lead/Copper DEEM	4/16/2020
MASON CITY RED POWER INC	38	CERRO GORDO	IA1750204	TNC	202000847	Chlorine	31-Dec-19	Operations Report	RPT	Compliance Achieved	2/10/2020
MASSENA WATER SUPPLY	355	CASS	IA1558055	CWS	201902331	Total Trihalomethanes (TTHM)	31-Jul-19	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2019
MASSENA WATER SUPPLY	355	CASS	IA1558055	CWS	201902332	Total Haloacetic Acids (HAA5)	31-Jul-19	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2019
MAXWELL WATER DEPARTMENT	920	STORY	IA8557058	CWS	201902160	1,2,4-Trichlorobenzene	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	8/16/2019
MCCAFFREYS DOLCE VITA	52	WINNESHIEK	IA9630211	TNC	201901014	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/28/2019
MCCAFFREYS DOLCE VITA	52	WINNESHIEK	IA9630211	TNC	202000525	E. coli	31-Oct-19	Monitoring (GWR) AS, Major	MON	Compliance Achieved	11/19/2019

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MCCALLSBURG WATER SUPPLY	333	STORY	IA8552010	CWS	202000184	Total Trihalomethanes (TTHM)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	11/6/2019
MCCALLSBURG WATER SUPPLY	333	STORY	IA8552010	CWS	202000185	Total Haloacetic Acids (HAA5)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	11/6/2019
MCCALLSBURG WATER SUPPLY	333	STORY	IA8552010	CWS	201902290	Failure to conduct Level 1 Assessment	30-Sep-19	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	Compliance Achieved	10/7/2019
MEADOW HILLS GOLF COURSE	44	HARDIN	IA4260807	TNC	201901669	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/26/2019
MEADOW LANE MOBILE HOME PARK	168	BREMER	IA0900647	CWS	201901254	Coliform bacteria	30-Apr-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/29/2019
MINGO WATER DEPARTMENT	302	JASPER	IA5052087	CWS	201901497	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/4/2019
MINGO WATER DEPARTMENT	302	JASPER	IA5052087	CWS	201901881	Chlorine	31-May-19	Record Keeping	RPT	Compliance Achieved	6/4/2019
MONTAUK HISTORICAL SITE	462	FAYETTE	IA3317401	TNC	201901162	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/17/2019
MONTIPARK LLC	60	JONES	IA5300688	CWS	201901884	Chlorine	30-Jun-19	Monitoring (MOR)	MON	Compliance Achieved	11/12/2019
MONTIPARK LLC	60	JONES	IA5300688	CWS	201901897	Nitrate (as N)	31-Jul-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/13/2019
MONTIPARK LLC	60	JONES	IA5300688	CWS	201902377	Failure to conduct Public Notice	03-Aug-19	Public Notice Rule Linked to Violation	PN	NOV Issued	9/17/2019
MONTIPARK LLC	60	JONES	IA5300688	CWS	202000147	Total Trihalomethanes (TTHM)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/16/2019
MONTIPARK LLC	60	JONES	IA5300688	CWS	202000148	Total Haloacetic Acids (HAA5)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/16/2019
MONTROSE WATER WORKS	898	LEE	IA5650003	CWS	201901501	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/5/2019
MOONSHINE TAP	33	CHICKASAW	IA1974222	TNC	201901077	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/12/2019
MORWOOD CAMPGROUND	27	BUCHANAN	IA1031403	TNC	202000226	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/7/2019
MURPHY FAMILY FARMS - FEED MILL	60	KOSSUTH	IA5502801	NTNC	201901949	Failure to consult with DNR	15-Jun-19	Failure to Consult, GWR	RPT	Compliance Achieved	8/9/2019
MURPHY FAMILY FARMS - FEED MILL	60	KOSSUTH	IA5502801	NTNC	201901774	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/25/2019
MURPHY FAMILY FARMS - FEED MILL	60	KOSSUTH	IA5502801	NTNC	201901844	Arsenic	30-Sep-19	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	7/18/2019
MUSCATINE COM SCHOOL TRANSPORTATION BLDG	50	MUSCATINE	IA7048501	TNC	201902207	Failure to conduct Level 1 Assessment	31-Aug-19	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	9/10/2019
MUSCATINE COM SCHOOL TRANSPORTATION BLDG	50	MUSCATINE	IA7048501	TNC	202000234	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/3/2019
NE IOWA CHRISTIAN SERVICE CAMP	75	BUTLER	IA1222404	TNC	202000637	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/26/2019

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NEOLA LIGHT & WATER	842	POTTAWATTAMIE	IA7853043	CWS	202000672	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/3/2019
NEW ALBIN WATER SUPPLY	522	ALLAMAKEE	IA0370047	CWS	201901147	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/9/2019
NEW COOPERATIVE ROWAN MILL	30	FRANKLIN	IA9958101	NTNC	202000237	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/1/2019
NEW COOPERATIVE, INC (ROELYN)	75	WEBSTER	IA9475101	NTNC	201901804	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/1/2019
NEW COOPERATIVE, INC (ROELYN)	75	WEBSTER	IA9475101	NTNC	201902179	Copper	30-Jun-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	7/24/2019
NEW COOPERATIVE, INC (ROELYN)	75	WEBSTER	IA9475101	NTNC	201902180	Lead	30-Jun-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	7/24/2019
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201901076	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/5/2019
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	202000641	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/16/2019
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201900895	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/26/2019
NEW MARKET WATER SUPPLY	415	TAYLOR	IA8758061	CWS	202000674	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/10/2019
NEWHALL WATER SUPPLY	880	BENTON	IA0653050	CWS	201901074	Nitrite (as N)	28-Feb-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/18/2019
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201901009	Nitrate (as N)	31-Jan-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/27/2019
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201901010	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/27/2019
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201901188	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/30/2019
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201901189	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/30/2019
NITA HO VALLEY ASSOC	46	JACKSON	IA4910202	TNC	201902446	E. coli	30-Sep-19	MCL, EC+ (RTCR)	MCL	Compliance Achieved	4/7/2020
NORTH FAYETTE VALLEY COMMUNITY SCHOOL	552	FAYETTE	IA3338500	NTNC	202000731	Failure to obtain Construction Permit	21-Jun-19	Construction Without Permit	STA	Compliance Achieved	10/31/2019
NORTHWOOD COUNTRY CLUB	42	WORTH	IA9855201	TNC	201901671	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/14/2020
NORTHWOOD ESTATES	52	JOHNSON	IA5225308	CWS	202000382	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/5/2019
NORWALK HARTFORD MHP	183	WARREN	IA9128301	CWS	202000526	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/6/2019
NORWAY CITY WATER SUPPLY	545	BENTON	IA0656081	CWS	202000077	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2019
OAK LAKE MAINTENANCE, INC.	128	KOSSUTH	IA5500838	CWS	201901738	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/29/2019

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OAK RIDGE LAKE ESTATES	88	JOHNSON	IA5225302	CWS	202000293	Copper	30-Sep-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/30/2019
OAK VALLEY	100	LINN	IA5784311	CWS	202000842	Failure to issue Lead Consumer Notice	31-Dec-19	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/31/2020
OBIES	64	JACKSON	IA4938205	TNC	202000779	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/6/2020
ODESSA DELLS	25	LOUISA	IA5879827	TNC	201902351	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/7/2020
ODESSA DELLS	25	LOUISA	IA5879827	TNC	202000161	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/7/2020
ODESSA DELLS	25	LOUISA	IA5879827	TNC	202000405	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/7/2020
ODESSA DELLS	25	LOUISA	IA5879827	TNC	202000668	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/7/2020
ONslow WATER SUPPLY	197	JONES	IA5358096	CWS	201901904	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/3/2019
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	201901454	Chlorine	30-Apr-19	Operations Report	RPT	Compliance Achieved	7/10/2019
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	201901719	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/31/2019
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202000247	E. coli	01-Sep-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/16/2019
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202000289	Chlorine	30-Sep-19	Operations Report	RPT	NOV Issued	10/14/2019
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202000654	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/26/2019
OSAGE MOTEL	25	MITCHELL	IA6663829	TNC	201901213	Failure to obtain Construction Permit	22-Feb-19	Construction Without Permit	STA	Compliance Achieved	12/31/2019
OSKALOOSA MUNICIPAL WATER DEPT	12173	MAHASKA	IA6273005	CWS	202000406	Sodium	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/2/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201900826	Failure to conduct Public Notice	01-Jan-19	Public Notice Rule Linked to Violation	PN	NOV Issued	1/16/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201901520	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/6/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201901872	Chlorine	30-Jun-19	Operations Report	RPT	NOV Issued	7/15/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201902191	Failure to conduct Public Notice	16-Jul-19	Public Notice Rule Linked to Violation	PN	NOV Issued	8/19/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202000241	E. coli	13-Sep-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/30/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202000256	Failure to conduct Public Notice	23-Sep-19	Public Notice Rule Linked to Violation	PN	NOV Issued	10/16/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202000255	Failure to conduct Public Notice	29-Sep-19	Public Notice Rule Linked to Violation	PN	NOV Issued	10/16/2019

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OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202000291	Chlorine	30-Sep-19	Operations Report	RPT	NOV Issued	10/14/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202000708	Failure to conduct Public Notice	02-Nov-19	Public Notice Rule Linked to Violation	PN	NOV Issued	12/19/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202000791	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/29/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202000849	Chlorine	31-Dec-19	Operations Report	RPT	NOV Issued	1/24/2020
P.M. PARK TRUSTEES-EAST	152	CERRO GORDO	IA1716422	TNC	201901665	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/10/2019
P.M. PARK TRUSTEES-EAST	152	CERRO GORDO	IA1716422	TNC	201902375	Failure to conduct Public Notice	13-Aug-19	Public Notice Rule Linked to Violation	PN	NOV Issued	9/17/2019
PALO WATER SUPPLY	1034	LINN	IA5765101	CWS	201902170	Radium, Combined (226, 228)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/18/2019
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	201901203	Failure to conduct Public Notice	21-Mar-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2019
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	201901204	Failure to conduct Public Notice	22-Mar-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2019
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	201901185	Failure to complete Start-Up Procedures	31-Mar-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/17/2019
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	201901186	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/23/2019
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	201902388	Failure to conduct Public Notice	20-Aug-19	Public Notice Rule Linked to Violation	PN	NOV Issued	10/15/2019
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	201902389	Failure to conduct Public Notice	20-Aug-19	Public Notice Rule Linked to Violation	PN	NOV Issued	10/15/2019
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	201902360	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2019
PARADISE VALLEY RESORT	150	CLAYTON	IA2234601	TNC	202000362	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/20/2019
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201901112	Failure to conduct WQP Monitoring	28-Feb-19	Monitoring WQP (Pb/Cu)	MON	Compliance Achieved	4/3/2019
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201901320	Gross Alpha, excluding Rn & U	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/30/2019
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201901386	Failure to conduct Public Notice	13-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/24/2019
PATTISON SHOP	34	CLAYTON	IA2234101	TNC	201902178	Nitrate (as N)	31-Jul-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/26/2019
PATTISON SHOP	34	CLAYTON	IA2234101	TNC	201902262	Nitrate (as N)	31-Aug-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/26/2019
PATTISON SHOP	34	CLAYTON	IA2234101	TNC	201902444	Nitrate (as N)	30-Sep-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/26/2019
PATTISON SHOP	34	CLAYTON	IA2234101	TNC	202000528	Copper	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	4/9/2020

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PATTISON SHOP	34	CLAYTON	IA2234101	TNC	202000529	Lead	30-Sep-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	4/9/2020
PATTISON SHOP	34	CLAYTON	IA2234101	TNC	202000312	Nitrate (as N)	31-Oct-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/26/2019
PENN CENTER, INC.	89	DELAWARE	IA2800901	CWS	201901482	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/5/2019
PERFECT GAME INC	400	LINN	IA5715204	TNC	201901646	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/10/2019
PERFECT GAME INC	400	LINN	IA5715204	TNC	201902387	Failure to conduct Public Notice	13-Aug-19	Public Notice Rule Linked to Violation	PN	NOV Issued	9/17/2019
PHEASANT RIDGE PRO SHOP	155	BLACK HAWK	IA0709202	TNC	202000352	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/14/2019
PIN OAK PUB & LINKS	100	DELAWARE	IA2839204	TNC	201901040	Failure to conduct Public Notice	21-Jan-19	Public Notice Rule Linked to Violation	PN	NOV Issued	2/19/2019
PIN OAK PUB & LINKS	100	DELAWARE	IA2839204	TNC	201901041	Failure to conduct Public Notice	21-Jan-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/15/2019
PIN OAK PUB & LINKS	100	DELAWARE	IA2839204	TNC	201901538	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/2/2019
PIN OAK PUB & LINKS	100	DELAWARE	IA2839204	TNC	201901797	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/2/2019
PIN OAK PUB & LINKS	100	DELAWARE	IA2839204	TNC	202000564	Failure to conduct Public Notice	20-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
<b>PINE CREEK GOLF COURSE</b>	<b>55</b>	<b>CERRO GORDO</b>	<b>IA1750816</b>	<b>TNC</b>	<b>201901475</b>	<b>Nitrate (as N)</b>	<b>31-May-19</b>	<b>Monitoring (Chem-Rad), Routine Major</b>	<b>MON</b>	<b>Compliance Achieved</b>	<b>8/19/2019</b>
<b>PINE CREEK GOLF COURSE</b>	<b>55</b>	<b>CERRO GORDO</b>	<b>IA1750816</b>	<b>TNC</b>	<b>201901476</b>	<b>Coliform bacteria</b>	<b>31-May-19</b>	<b>Monitoring (RTCR), Routine Major</b>	<b>MON</b>	<b>Compliance Achieved</b>	<b>8/19/2019</b>
<b>PINE CREEK GOLF COURSE</b>	<b>55</b>	<b>CERRO GORDO</b>	<b>IA1750816</b>	<b>TNC</b>	<b>201901698</b>	<b>Coliform bacteria</b>	<b>30-Jun-19</b>	<b>Monitoring (RTCR), Routine Major</b>	<b>MON</b>	<b>Compliance Achieved</b>	<b>8/19/2019</b>
<b>PINE CREEK GOLF COURSE</b>	<b>55</b>	<b>CERRO GORDO</b>	<b>IA1750816</b>	<b>TNC</b>	<b>201901699</b>	<b>Nitrate (as N)</b>	<b>30-Jun-19</b>	<b>Monitoring (Chem-Rad), Routine Major</b>	<b>MON</b>	<b>Compliance Achieved</b>	<b>8/19/2019</b>
PINTERS GARDEN CENTER & PUMPKIN PATCH	25	WINNESHIEK	IA9630213	TNC	201901794	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/22/2019
PLOVER WATER SUPPLY	77	POCAHONTAS	IA7628047	CWS	201901135	Arsenic	31-Mar-19	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/13/2020
PLOVER WATER SUPPLY	77	POCAHONTAS	IA7628047	CWS	201902447	Arsenic	30-Sep-19	MCL (Chem-Rad), Average	MCL	BCA Signed	1/13/2020
PLOVER WATER SUPPLY	77	POCAHONTAS	IA7628047	CWS	202000737	Arsenic	31-Dec-19	MCL (Chem-Rad), Average	MCL	BCA Signed	1/13/2020
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	202000096	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/17/2019
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	202000097	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/17/2019
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201901809	E. coli	08-Jun-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/11/2019

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PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201902456	Failure to address a Significant Deficiency	20-Jun-19	Failure Address Deficiency (GWR)	TT	NOV Issued	9/26/2019
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	202000559	Failure to conduct Public Notice	06-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	12/24/2019
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	201902287	Copper	30-Sep-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/30/2020
PRAIRIE VIEW ESTATES ASSOC JOHNSON CNTY	155	JOHNSON	IA5225326	CWS	201902172	Sodium	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/10/2019
PROSPECT MEADOWS	50	LINN	IA5751401	TNC	202000044	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/14/2019
QUAKERDALE	75	HARDIN	IA4271901	CWS	201901205	Failure to conduct Public Notice	01-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/9/2019
QUAKERDALE	75	HARDIN	IA4271901	CWS	202000254	Failure to conduct Public Notice	01-Oct-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/23/2019
QUAKERDALE	75	HARDIN	IA4271901	CWS	202000845	Failure to issue Lead Consumer Notice	31-Dec-19	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/5/2020
RACCOON RIVER BIBLE CAMP	83	GREENE	IA3759487	TNC	201902343	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/23/2019
RACERS (DBA)	105	KOSSUTH	IA5502203	TNC	202000215	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/6/2019
RACERS (DBA)	105	KOSSUTH	IA5502203	TNC	202000794	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/17/2020
RAKE WATER SUPPLY	225	WINNEBAGO	IA9575068	CWS	201901765	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/24/2019
RAPID CREEK CIDERY INC	374	JOHNSON	IA5225212	TNC	202000807	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/11/2020
RAUSCH PETROLEM LIMITED CO	89	CLAYTON	IA2242205	TNC	202000527	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/20/2019
<b>RECONSERVE OF IOWA</b>	<b>60</b>	<b>LINN</b>	<b>IA5307101</b>	<b>NTNC</b>	<b>201901007</b>	<b>Coliform bacteria</b>	<b>31-Jan-19</b>	<b>Monitoring (RTCR), Routine Major</b>	<b>MON</b>	<b>Compliance Achieved</b>	<b>2/4/2019</b>
<b>RECONSERVE OF IOWA</b>	<b>60</b>	<b>LINN</b>	<b>IA5307101</b>	<b>NTNC</b>	<b>201901008</b>	<b>Nitrate (as N)</b>	<b>31-Jan-19</b>	<b>Monitoring (Chem-Rad), Routine Major</b>	<b>MON</b>	<b>Compliance Achieved</b>	<b>2/4/2019</b>
REINBECK WATER SUPPLY	1664	GRUNDY	IA3870073	CWS	202000120	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/21/2019
REINBECK WATER SUPPLY	1664	GRUNDY	IA3870073	CWS	202000121	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/21/2019
REINBECK WATER SUPPLY	1664	GRUNDY	IA3870073	CWS	202000122	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/21/2019
REINBECK WATER SUPPLY	1664	GRUNDY	IA3870073	CWS	202000372	Nitrogen-Ammonia (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/21/2019
REMSEN MUNICIPAL UTILITIES	1673	PLYMOUTH	IA7568079	CWS	201901835	Copper	30-Jun-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/8/2020
REMSEN MUNICIPAL UTILITIES	1673	PLYMOUTH	IA7568079	CWS	202000736	Copper	31-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/8/2020

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RHODYS	84	DUBUQUE	IA3126203	TNC	201901160	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/23/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201900998	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/28/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201901103	Failure to conduct Public Notice	23-Feb-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/28/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201901183	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/22/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201901396	Failure to conduct Public Notice	21-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/28/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201901552	Failure to conduct Public Notice	22-May-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/12/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201901764	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/12/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201902190	Failure to conduct Public Notice	20-Jul-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/12/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201902165	Coliform bacteria	31-Jul-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/12/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201902356	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/12/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202000556	Failure to conduct Public Notice	22-Oct-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/12/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202000478	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/4/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202000707	Failure to conduct Public Notice	24-Nov-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/12/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202000823	Failure to conduct Public Notice	21-Dec-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/12/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202000790	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/21/2020
RICEVILLE WATER SUPPLY	793	MITCHELL	IA4558001	CWS	202000132	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/13/2019
RICEVILLE WATER SUPPLY	793	MITCHELL	IA4558001	CWS	202000379	Nitrogen-Ammonia (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/17/2019
RICEVILLE WATER SUPPLY	793	MITCHELL	IA4558001	CWS	202000380	Nitrogen-Ammonia (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/17/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202000551	E. coli	13-Oct-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/30/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202000686	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/18/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202000687	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/18/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202000688	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/18/2019

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RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202000689	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/18/2019
RIVER RIDGE GOLF CLUB (OKOBOJI GRILL)	185	BUCHANAN	IA1037899	TNC	201901139	Failure to meet Compliance Schedule	01-Mar-19	Variance/Exemption/Compliance Schedule	V/E	Compliance Achieved	5/10/2019
RIVER RIDGE GOLF CLUB (OKOBOJI GRILL)	185	BUCHANAN	IA1037899	TNC	201901152	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/30/2019
RIVER RIDGE GOLF CLUB (OKOBOJI GRILL)	185	BUCHANAN	IA1037899	TNC	201901153	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2019
RIVER RIDGE GOLF CLUB (OKOBOJI GRILL)	185	BUCHANAN	IA1037899	TNC	201901697	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/25/2019
RIVER RIDGE GOLF CLUB (OKOBOJI GRILL)	185	BUCHANAN	IA1037899	TNC	201902326	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/16/2019
RIVER RIDGE GOLF CLUB (OKOBOJI GRILL)	185	BUCHANAN	IA1037899	TNC	202000553	Failure to conduct Public Notice	20-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
RIVER VALLEY CAMPGROUND	27	FAYETTE	IA3371401	TNC	202000801	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/30/2020
ROCK FALLS LOUNGE	35	CERRO GORDO	IA1769767	TNC	201901095	E. coli	23-Feb-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	4/4/2019
ROCK N ROW ADVENTURES	44	HARDIN	IA4236201	TNC	201901668	Failure to complete Start-Up Procedures	31-May-19	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/10/2019
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	201901874	Chlorine	30-Jun-19	Operations Report	RPT	NOV Issued	7/15/2019
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202000287	Chlorine	30-Sep-19	Operations Report	RPT	NOV Issued	10/14/2019
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202000699	Failure to conduct Public Notice	02-Nov-19	Public Notice Rule Linked to Violation	PN	NOV Issued	12/19/2019
ROMANTIX INC	204	MILLS	IA6525204	TNC	202000803	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/15/2019
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	201901664	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/5/2019
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	201902329	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/16/2019
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	201902437	Failure to conduct Level 1 Assessment	30-Sep-19	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	12/6/2019
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	202000084	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/17/2019
ROWAN MUNI WATER SUPPLY	160	WRIGHT	IA9958004	CWS	201902233	Lead	30-Sep-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/22/2019
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	202000647	Nitrite (as N)	30-Nov-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/18/2019
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	202000648	Nitrite (as N)	30-Nov-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/18/2019
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	202000649	Nitrite (as N)	30-Nov-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/18/2019

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SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201901096	Failure to conduct Public Notice	24-Feb-19	Public Notice Rule Linked to Violation	PN	NOV Issued	3/19/2019
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201901081	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/18/2019
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201901161	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/26/2019
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201902029	Coliform bacteria	31-Jul-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/29/2019
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	202000366	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/27/2019
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	202000700	Failure to conduct Public Notice	20-Nov-19	Public Notice Rule Linked to Violation	PN	NOV Issued	12/19/2019
SAINETS PETER & PAUL LUTHERAN CHURCH	45	JONES	IA5343805	TNC	202000230	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/22/2019
SCOOTERS	125	JONES	IA5307202	TNC	201901195	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2019
SCOOTERS	125	JONES	IA5307202	TNC	201902193	Failure to conduct Public Notice	20-Jul-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/3/2019
SCRANTON WATER SYSTEM	557	GREENE	IA3759031	CWS	202000655	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/9/2019
SIOUX CITY WATER SUPPLY	82759	WOODBURY	IA9778054	CWS	201902226	Total Trihalomethanes (TTHM)	30-Sep-19	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/11/2020
SIOUX CITY WATER SUPPLY	82759	WOODBURY	IA9778054	CWS	202000609	Total Trihalomethanes (TTHM)	31-Dec-19	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/11/2020
SLATER MUNI WATER DEPT	1489	STORY	IA8580057	CWS	202000576	Copper	30-Jun-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	5/10/2018
SLATER MUNI WATER DEPT	1489	STORY	IA8580057	CWS	202000597	Failure to issue Lead Consumer Notice	30-Nov-19	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	11/25/2019
SOLDIER WATER SUPPLY	167	MONONA	IA6749061	CWS	201902218	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/10/2019
SOUTH ENGLISH WATER SUPPLY	248	KEOKUK	IA5478074	CWS	201901087	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/28/2019
SOUTH ENGLISH WATER SUPPLY	248	KEOKUK	IA5478074	CWS	201901326	Coliform bacteria	30-Apr-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/28/2019
SOUTH WINN GOLF CLUB	218	WINNESHIEK	IA9615867	TNC	201902357	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/9/2019
SOUTHDALE HOME OWNERS ASSN	72	KOSSUTH	IA5500822	CWS	201901737	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/29/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	201901199	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/30/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	201901805	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/22/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	201901806	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/22/2019

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SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	201901807	Nitrite (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/22/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	201902181	Copper	30-Jun-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	7/22/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	201902182	Lead	30-Jun-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	7/22/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	201902196	Failure to conduct Public Notice	26-Jul-19	Public Notice Rule Linked to Violation	PN	NOV Issued	8/19/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000533	Beryllium	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000534	Cyanide	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000535	Antimony	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000536	Arsenic	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000537	Barium	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000538	Cadmium	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000539	Chromium	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000540	Fluoride	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000541	Mercury	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000542	Selenium	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000543	Thallium	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000544	Sodium	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/3/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000545	Gross Alpha, excluding Rn & U	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/20/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000546	Radium, Combined (226, 228)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/20/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000565	Failure to conduct Public Notice	21-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000566	Failure to conduct Public Notice	21-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000567	Failure to conduct Public Notice	21-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202000808	Nitrite (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/4/2020

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SPARBOE FARMS (GOODELL)	35	HANCOCK	IA4135801	NTNC	201902368	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/13/2020
SPARBOE FARMS (GOODELL)	35	HANCOCK	IA4135801	NTNC	202000224	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/13/2020
SPIRIT LAKE WATERWORKS	5578	DICKINSON	IA3070078	CWS	202000029	Failure to conduct Self-Monitoring	07-Oct-19	Monitoring (MOR)	MON	Compliance Achieved	11/30/2019
SPRUCE CREEK PARK # 5	43	JACKSON	IA4910404	TNC	201901356	Failure to complete Start-Up Procedures	30-Apr-19	Start-Up Procedures TT (RTCR)	TT	NOV Issued	1/28/2020
ST ANSGAR WATER SUPPLY	1110	MITCHELL	IA6673016	CWS	201901504	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/20/2019
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201901626	Failure to conduct Level 1 Assessment	31-Jul-19	Level 1 Assessment, Multiple TC+ (RTCR)	TT	NOV Issued	9/17/2019
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	202000229	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/17/2019
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	202000561	Failure to conduct Public Notice	21-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
ST PAULS MAPLE LEAF LUTHERAN CHURCH	90	HOWARD	IA4525801	TNC	202000802	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/27/2020
ST PETER LUTHERAN CHURCH	188	MITCHELL	IA6682801	TNC	202000798	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/3/2020
STOCKTON MUNI WATER SUPPLY	197	MUSCATINE	IA7063096	CWS	201901903	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/13/2019
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	201901094	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/6/2019
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	201901142	Chlorine	31-Mar-19	Operations Report	RPT	Compliance Achieved	7/31/2019
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	201901372	Coliform bacteria	30-Apr-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/26/2019
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	201901799	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/31/2019
STUMBLE INN	46	FRANKLIN	IA3509753	TNC	201901444	Failure to apply for an Operation Permit	23-May-19	Permit Application Submittal	STA	Compliance Achieved	7/12/2019
STUMBLE INN	46	FRANKLIN	IA3509753	TNC	201902342	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/29/2019
STUMBLE INN	46	FRANKLIN	IA3509753	TNC	202000111	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/29/2019
STUMBLE INN	46	FRANKLIN	IA3509753	TNC	202000112	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/29/2019
SUN DOWN SKI RESORT	685	DUBUQUE	IA3126887	TNC	202000651	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/2/2019
SUNRISE VILLAGE MOBILE HOME PK	340	JOHNSON	IA5200602	CWS	202000659	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/18/2019
SUPER 20 MOBILE HOME PARK	236	DUBUQUE	IA3126603	CWS	202000325	Failure to meet Certified Operator Requirement	30-Sep-19	Certified Operator Requirement	STA	Compliance Achieved	11/4/2019

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TERRY WATER ASSOCIATION	25	BENTON	IA0690304	CWS	201901908	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/26/2019
THE GROVE	31	JONES	IA5377727	TNC	201900906	Nitrate (as N)	31-Jan-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/18/2019
THE GROVE	31	JONES	IA5377727	TNC	201900907	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/18/2019
THE GROVE	31	JONES	IA5377727	TNC	201902251	Failure to maintain Microbial Treatment	31-Jul-19	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	12/31/2019
THE GROVE	31	JONES	IA5377727	TNC	201902273	Nitrate (as N)	31-Aug-19	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/29/2019
THE GROVE	31	JONES	IA5377727	TNC	201902405	Operations Report	31-Aug-19	Reporting (RPT)	RPT	Compliance Achieved	11/11/2019
THE GROVE	31	JONES	IA5377727	TNC	201902406	Failure to notify DNR	31-Aug-19	Notification, State, GWR	RPT	NOV Issued	9/19/2019
THE GROVE	31	JONES	IA5377727	TNC	201902378	Failure to conduct Public Notice	01-Sep-19	Public Notice Rule Linked to Violation	PN	NOV Issued	9/17/2019
THE GROVE	31	JONES	IA5377727	TNC	201902404	Failure to maintain Microbial Treatment	30-Sep-19	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	10/29/2019
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	201901086	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/18/2019
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	201901819	Failure to conduct Public Notice	23-Jun-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/6/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201901099	Failure to conduct Public Notice	23-Feb-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/2/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201901389	Failure to conduct Public Notice	06-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/2/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201901374	E. coli	12-Apr-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/15/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201901387	Failure to conduct Public Notice	21-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/2/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201901388	Failure to conduct Public Notice	21-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/2/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201901540	E. coli	30-May-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/15/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201902183	E. coli	12-Jul-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/15/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201902376	Failure to conduct Public Notice	20-Aug-19	Public Notice Rule Linked to Violation	PN	NOV Issued	9/17/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	202000251	Failure to conduct Public Notice	22-Sep-19	Public Notice Rule Linked to Violation	PN	NOV Issued	10/16/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	202000140	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/15/2019
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201901012	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/6/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201901194	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2019
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201902176	Coliform bacteria	31-Jul-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/5/2019
THE RED BARN RESORT	71	ALLAMAKEE	IA0300617	TNC	201901471	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/11/2019
THE RED BARN RESORT	71	ALLAMAKEE	IA0300617	TNC	202000249	Failure to conduct Public Notice	29-Sep-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2019
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201901196	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/29/2019
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201901536	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/29/2019
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201901790	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2019
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201901791	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/29/2019
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201901910	Chlorine	30-Jun-19	Operations Report	RPT	Compliance Achieved	8/2/2019
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201902194	Failure to conduct Public Notice	20-Jul-19	Public Notice Rule Linked to Violation	PN	NOV Issued	8/19/2019
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202000259	Failure to conduct Public Notice	29-Sep-19	Public Notice Rule Linked to Violation	PN	NOV Issued	10/16/2019
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202000562	Failure to conduct Public Notice	21-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202000682	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/26/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201901104	Failure to conduct Public Notice	23-Feb-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/25/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201901092	Coliform bacteria	28-Feb-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/26/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201901352	Coliform bacteria	30-Apr-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/13/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201901767	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/29/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201902358	Coliform bacteria	31-Aug-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/23/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	202000557	Failure to conduct Public Notice	21-Oct-19	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2019
THOR WATER WORKS	186	HUMBOLDT	IA4680018	CWS	201901214	Chlorine	31-Jan-19	Operations Report	RPT	Compliance Achieved	6/9/2019
TIMBERLANE ADDITION	54	WEBSTER	IA9433336	CWS	201900883	Failure to consult with DNR	31-Jan-19	Failure to Consult, GWR	RPT	Compliance Achieved	3/11/2019
TIMBERLANE ADDITION	54	WEBSTER	IA9433336	CWS	202000198	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/19/2019

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TIMBERLANE ADDITION	54	WEBSTER	IA9433336	CWS	202000199	Nitrite (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/19/2019
TIMBERLANE ADDITION	54	WEBSTER	IA9433336	CWS	202000477	Nitrogen-Ammonia (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/19/2019
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201901488	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/27/2019
TOGIE PUB	25	HOWARD	IA4564201	TNC	201900900	Coliform bacteria	31-Jan-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/27/2019
TOGIE PUB	25	HOWARD	IA4564201	TNC	201901201	Failure to conduct Public Notice	22-Mar-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/28/2019
TOGIE PUB	25	HOWARD	IA4564201	TNC	201901548	Failure to conduct Public Notice	22-May-19	Public Notice Rule Linked to Violation	PN	NOV Issued	6/19/2019
TOGIE PUB	25	HOWARD	IA4564201	TNC	201901587	Failure to conduct Level 1 Assessment	30-Jun-19	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	NOV Issued	10/14/2019
TOGIE PUB	25	HOWARD	IA4564201	TNC	201902187	E. coli	08-Jul-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/28/2019
TOGIE PUB	25	HOWARD	IA4564201	TNC	202000701	Failure to conduct Public Notice	17-Nov-19	Public Notice Rule Linked to Violation	PN	NOV Issued	12/17/2019
TOGIE PUB	25	HOWARD	IA4564201	TNC	202000702	Failure to conduct Public Notice	24-Nov-19	Public Notice Rule Linked to Violation	PN	NOV Issued	12/17/2019
TOGIE PUB	25	HOWARD	IA4564201	TNC	202000658	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/17/2019
TOGIE PUB	25	HOWARD	IA4564201	TNC	202000778	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/21/2020
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201901518	Failure to complete Start-Up Procedures	31-May-19	Start-Up Procedures TT (RTCR)	TT	NOV Issued	6/20/2019
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201901519	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/8/2019
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201901772	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/8/2019
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	202000205	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/4/2019
TRAER MUNICIPAL WATER PLANT	1703	TAMA	IA8681030	CWS	201902161	Coliform bacteria	31-Jul-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/8/2019
TRAER MUNICIPAL WATER PLANT	1703	TAMA	IA8681030	CWS	202000284	Chlorine	31-Jul-19	Monitoring (MOR)	MON	Compliance Achieved	9/10/2019
TRI-STATE COMMUNITY CHURCH	100	DUBUQUE	IA3126802	TNC	202000797	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2020
TRI-STATE RACEWAY	27	DELAWARE	IA2825201	TNC	202000483	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/7/2020
TWIN VALLEY LAKES IMPROVEMENT ASSN	100	JOHNSON	IA5200861	CWS	202000145	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/7/2019
TWISTERS GYMNASTICS INC	82	LINN	IA5715214	TNC	201901197	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/22/2019

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TWISTERS GYMNASTICS INC	82	LINN	IA5715214	TNC	201902195	Failure to conduct Public Notice	20-Jul-19	Public Notice Rule Linked to Violation	PN	NOV Issued	8/19/2019
UNIVERSITY WATER SYSTEM	26684	JOHNSON	IA5225101	CWS	201901100	Failure to conduct Public Notice	23-Feb-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2019
UNIVERSITY WATER SYSTEM	26684	JOHNSON	IA5225101	CWS	202000660	Carbon, Total Organic (TOC)	30-Nov-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2019
UNIVERSITY WATER SYSTEM	26684	JOHNSON	IA5225101	CWS	202000661	Nitrate (as N)	30-Nov-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2019
VALERO LAKOTA PLANT	65	KOSSUTH	IA5540101	NTNC	202000214	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/10/2019
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201901023	Failure to conduct Public Notice	20-Jan-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2019
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202000102	Nitrate (as N)	30-Sep-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/30/2019
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202000103	Coliform bacteria	30-Sep-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/29/2019
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202000694	E. coli	10-Nov-19	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	12/17/2019
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202000644	Coliform bacteria	30-Nov-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/4/2019
VALLEY VIEW WATER ASSOCIATION	70	HARRISON	IA4300601	CWS	201902033	Gross Alpha, excluding Rn & U	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/30/2019
VALLEY VIEW WATER ASSOCIATION	70	HARRISON	IA4300601	CWS	201902217	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/20/2019
VALLEY VIEW WATER ASSOCIATION	70	HARRISON	IA4300601	CWS	201902445	E. coli	30-Sep-19	MCL, EC+ (RTCR)	MCL	Compliance Achieved	10/23/2019
VALLEY VIEW WATER ASSOCIATION	70	HARRISON	IA4300601	CWS	202000629	Failure to meet Compliance Schedule	02-Dec-19	Variance/Exemption/Compliance Schedule	V/E	NOV Issued	12/13/2019
VARINA WATER SUPPLY	71	POCAHONTAS	IA7642047	CWS	202000170	Total Trihalomethanes (TTHM)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/23/2019
VARINA WATER SUPPLY	71	POCAHONTAS	IA7642047	CWS	202000171	Total Haloacetic Acids (HAA5)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/23/2019
VERMEER (GRISWOLD)	36	CASS	IA1545101	NTNC	202000601	Failure to issue Lead Consumer Notice	25-Nov-19	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	12/2/2019
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202000239	E. coli	16-Sep-19	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/18/2019
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202000288	Chlorine	30-Sep-19	Operations Report	RPT	Compliance Achieved	1/9/2020
VILLAGE OAKS HOMEOWNERS ASSN	250	SCOTT	IA8215304	CWS	201901180	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/16/2019
VISTA HILLS WATER ASSOCIATION	39	SCOTT	IA8209359	CWS	201902156	Coliform bacteria	31-Jul-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/14/2019
VISTA HILLS WATER ASSOCIATION	39	SCOTT	IA8209359	CWS	202000705	Failure to conduct Public Notice	23-Nov-19	Public Notice Rule Linked to Violation	PN	NOV Issued	12/24/2019

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VISTA VILLAGE	110	MARION	IA6377601	CWS	202000532	Coliform bacteria	31-Oct-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/9/2019
WABASH GREENHOUSE	42	POTTAWATTAMIE	IA7820207	NTNC	202000594	Failure to issue Lead Consumer Notice	30-Nov-19	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	12/5/2019
WALDSCHMIDT SUBDIVISION	45	WASHINGTON	IA9260301	CWS	201902398	Failure to conduct Level 1 Assessment	30-Sep-19	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	10/28/2019
WALDSCHMIDT SUBDIVISION	45	WASHINGTON	IA9260301	CWS	201901895	Lead	31-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/13/2019
WALDSCHMIDT SUBDIVISION	45	WASHINGTON	IA9260301	CWS	201901896	Copper	31-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/13/2019
<b>WAPSIE RIDGE GOLF COURSE, INC.</b>	<b>47</b>	<b>BREMER</b>	<b>IA0965201</b>	<b>TNC</b>	<b>201901039</b>	<b>Failure to conduct Public Notice</b>	<b>21-Jan-19</b>	<b>Public Notice Rule Linked to Violation</b>	<b>PN</b>	<b>Compliance Achieved</b>	<b>3/13/2019</b>
WASHINGTON PRAIRIE LUTHERAN CHURCH	124	WINNESHIEK	IA9630809	TNC	201901184	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/9/2019
WASHINGTON PRAIRIE LUTHERAN CHURCH	124	WINNESHIEK	IA9630809	TNC	201901766	Coliform bacteria	30-Jun-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/8/2019
WAUBONSIE ST PK (BRIDLE TRAIL)	66	FREMONT	IA3600918	TNC	202000777	Nitrate (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/17/2020
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201901067	Failure to maintain Microbial Treatment	07-Mar-19	Failure Maintain Microbial Treat (GWR)	TT	NOV Issued	3/11/2019
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201902211	Failure to maintain Microbial Treatment	31-Jul-19	Failure Maintain Microbial Treat (GWR)	TT	NOV Issued	8/9/2019
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	202000615	Failure to maintain Microbial Treatment	14-Oct-19	Failure Maintain Microbial Treat (GWR)	TT	NOV Issued	10/28/2019
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	202000717	Failure to maintain Microbial Treatment	04-Dec-19	Failure Maintain Microbial Treat (GWR)	TT	NOV Issued	12/17/2019
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201900828	Failure to conduct Public Notice	01-Jan-19	Public Notice Rule Linked to Violation	PN	NOV Issued	1/17/2019
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201901783	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/11/2019
WELTON WATER SUPPLY	165	CLINTON	IA2391001	CWS	201901906	Failure to issue Consumer Confidence Report	31-Jul-19	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/16/2019
WEST LIBERTY FOODS	925	MUSCATINE	IA7073834	NTNC	201901173	Nitrate (as N)	31-Mar-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/3/2019
WEST LIBERTY FOODS	925	MUSCATINE	IA7073834	NTNC	201901174	Coliform bacteria	31-Mar-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/3/2019
WESTERN HILLS	45	KOSSUTH	IA5500820	CWS	201901500	Coliform bacteria	31-May-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/19/2019
WESTSIDE WATER SUPPLY	299	CRAWFORD	IA2458023	CWS	202000104	Total Trihalomethanes (TTHM)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/23/2019
WESTSIDE WATER SUPPLY	299	CRAWFORD	IA2458023	CWS	202000105	Total Haloacetic Acids (HAA5)	31-Aug-19	Monitoring (DBP), Routine Major	MON	NOV Issued	10/23/2019
WILLIAMSBURG PUBLIC WATER SUPPLY	3068	IOWA	IA4884023	CWS	202000264	Lead	30-Dec-19	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/17/2019

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WINDRIDGE IMPLEMENTS L.L.C.	45	WINNESHIEK	IA9630101	TNC	201901397	Failure to conduct Public Notice	20-Apr-19	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/29/2019
WINFIELD MUNI WATER DEPT	1130	HENRY	IA4493028	CWS	202000627	Operations Report	30-Sep-19	Reporting (RPT)	RPT	Compliance Achieved	12/1/2019
WOODLAND CAMP PROPERTY OWNERS	1037	HARRISON	IA4375401	TNC	201901725	Nitrite (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/12/2019
<b>WOODLAND RIDGE SUBDIVISION</b>	<b>50</b>	<b>JOHNSON</b>	<b>IA5225320</b>	<b>CWS</b>	<b>201901406</b>	<b>Radium, Combined (226, 228)</b>	<b>31-Mar-19</b>	<b>MCL (Chem-Rad), Average</b>	<b>MCL</b>	<b>Compliance Achieved</b>	<b>12/30/2019</b>
<b>WOODLAND RIDGE SUBDIVISION</b>	<b>50</b>	<b>JOHNSON</b>	<b>IA5225320</b>	<b>CWS</b>	<b>201901630</b>	<b>Radium, Combined (226, 228)</b>	<b>30-Jun-19</b>	<b>MCL (Chem-Rad), Average</b>	<b>MCL</b>	<b>Compliance Achieved</b>	<b>12/30/2019</b>
<b>WOODLAND RIDGE SUBDIVISION</b>	<b>50</b>	<b>JOHNSON</b>	<b>IA5225320</b>	<b>CWS</b>	<b>202000611</b>	<b>Radium, Combined (226, 228)</b>	<b>30-Sep-19</b>	<b>MCL (Chem-Rad), Average</b>	<b>MCL</b>	<b>Compliance Achieved</b>	<b>12/30/2019</b>
WOODLYN HILLS GOLF COURSE	54	DICKINSON	IA3050876	TNC	201901714	Nitrate (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/21/2019
WOODWARD RESOURCE CENTER	1370	BOONE	IA0800923	CWS	202000758	Coliform bacteria	31-Dec-19	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/9/2020
WOODWARD RESOURCE CENTER	1370	BOONE	IA0800923	CWS	202000759	Nitrite (as N)	31-Dec-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/9/2020
WOODWARD WATER SUPPLY	1024	DALLAS	IA2576036	CWS	201901456	Total Trihalomethanes (TTHM)	30-Jun-19	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/31/2019
WOODWARD WATER SUPPLY	1024	DALLAS	IA2576036	CWS	201902289	Total Trihalomethanes (TTHM)	30-Sep-19	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/31/2019
WYOMING WATER SYSTEM	515	JONES	IA5396039	CWS	201902063	Copper	30-Jun-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	8/30/2019
WYOMING WATER SYSTEM	515	JONES	IA5396039	CWS	201902064	Lead	30-Jun-19	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	8/30/2019
XENIA RWD (WOODWARD)	3350	DALLAS	IA2576705	CWS	201901705	Nitrite (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/24/2019
XENIA RWD (WOODWARD)	3350	DALLAS	IA2576705	CWS	201901706	Nitrite (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/24/2019
XENIA RWD (WOODWARD)	3350	DALLAS	IA2576705	CWS	201902028	Nitrogen-Ammonia (as N)	30-Jun-19	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/1/2019
XENIA RWD (WOODWARD)	3350	DALLAS	IA2576705	CWS	202000599	Failure to issue Lead Consumer Notice	30-Nov-19	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	12/13/2019