

State of Iowa Public Drinking Water Program 2020 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 2020. A set of three photos were submitted on project by the PWS and is attributed.



Polyphosphate Feed and Day Tank



Gas Chlorination

Introduction

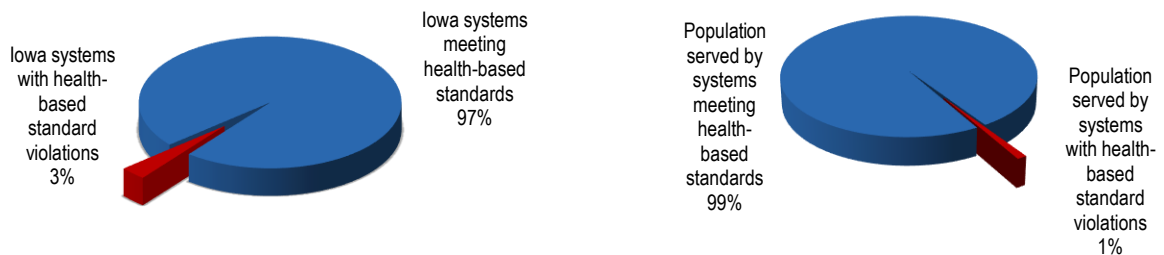
The Iowa Department of Natural Resources (DNR) administers the Public Drinking Water Program in Iowa under delegation of authority from the United States Environmental Protection Agency (EPA). The 1996 re-authorized Safe Drinking Water Act (SDWA) requires that each state that has been granted primary 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 2020 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 2020 Report Highlights

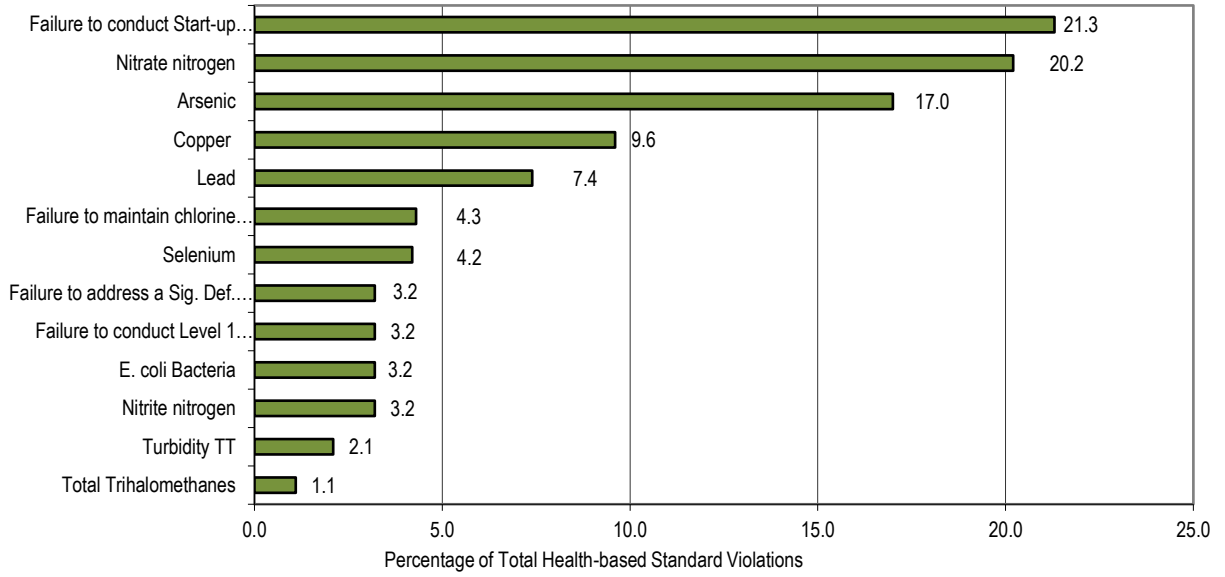
Nine months of 2020 was during the COVID-19 pandemic, which curtailed many activities but did not adversely affect the ability of Iowa systems to provide safe drinking water. Iowa's inventory of public water supply systems was 1,848, a slight decrease from 2019. The percentage of systems in compliance with all health-based standards in 2020 was 96.8%, while the percentage of population served by systems compliant with all health-based standards was 98.9%, both of which were the best in the ten-year period. Major monitoring and reporting requirements were met by 83.8% of systems, the best since 2014. The percentage of population served by systems in compliance with the major monitoring and reporting requirements at 95.5% was the best in the ten-year history.

Compliance with Health-Based Standards

- No waterborne diseases or deaths were reported from Iowa public water supply systems (PWS) in 2020.
- Over 2.93 million people (of the 2.96M people served by Iowa's PWS) regularly received water from systems meeting all health-based drinking water standards.

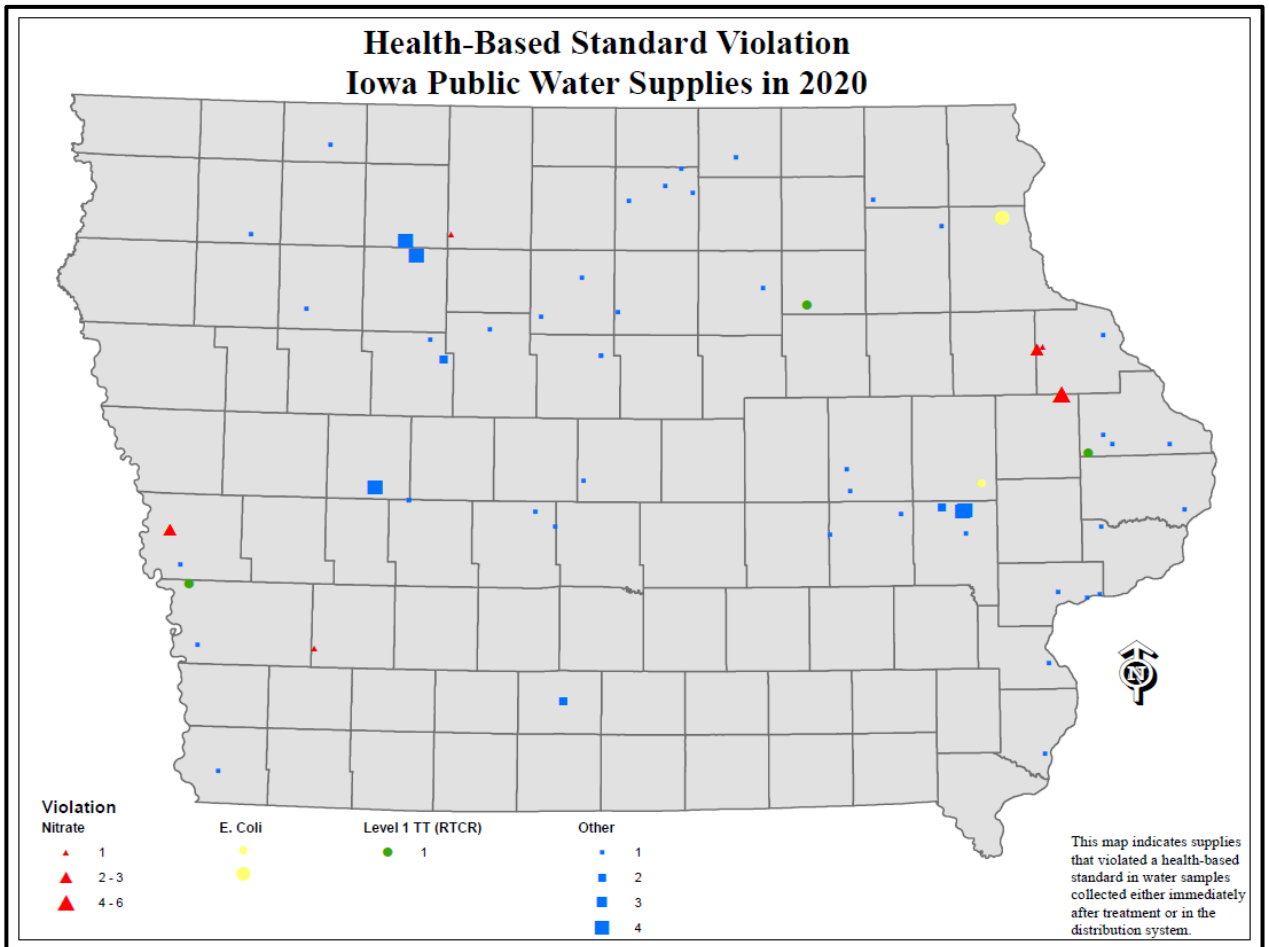


- Health-based drinking water standards were met by 96.8% of the 1,848 regulated public water supplies. There were 60 public water supplies that had 94 violations of a health-based drinking water standards, maximum residual disinfectant level, treatment technique, or action level.
- Nine regulated contaminants were found at levels that exceeded the health-based standards during 2020, 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.



2020 Health-based Standard Violations Map

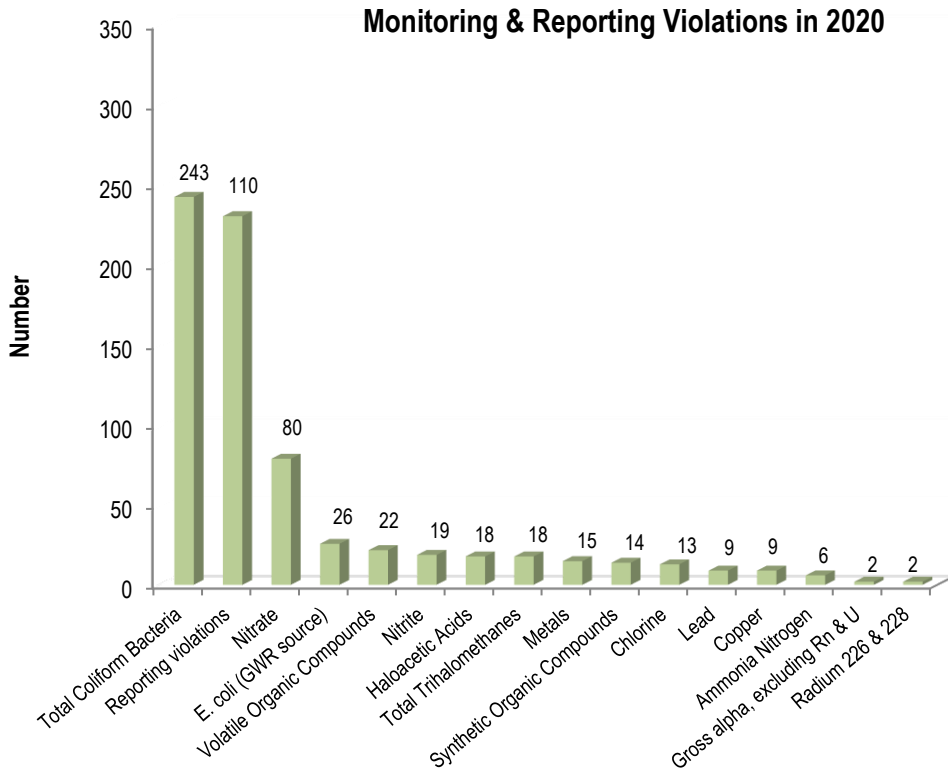
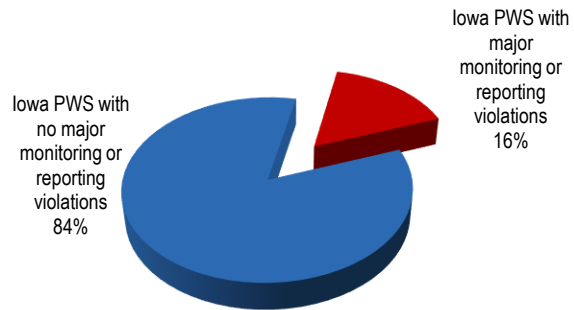
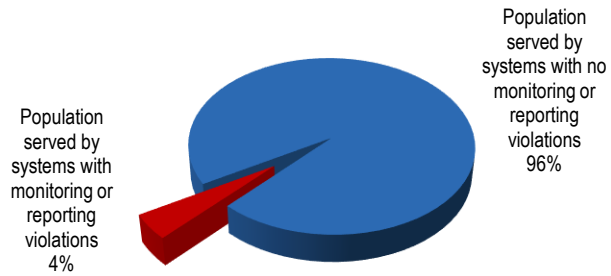
The map depicts the health-based standard violations that occurred in 2020 at Iowa’s PWS, with the number of violations denoted by size of the marker. Three common violations are shown separately; the remaining violations are grouped together as “other.”



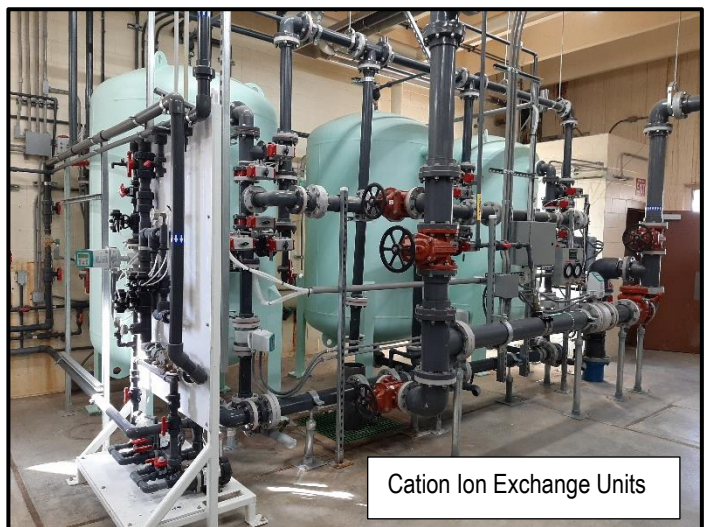
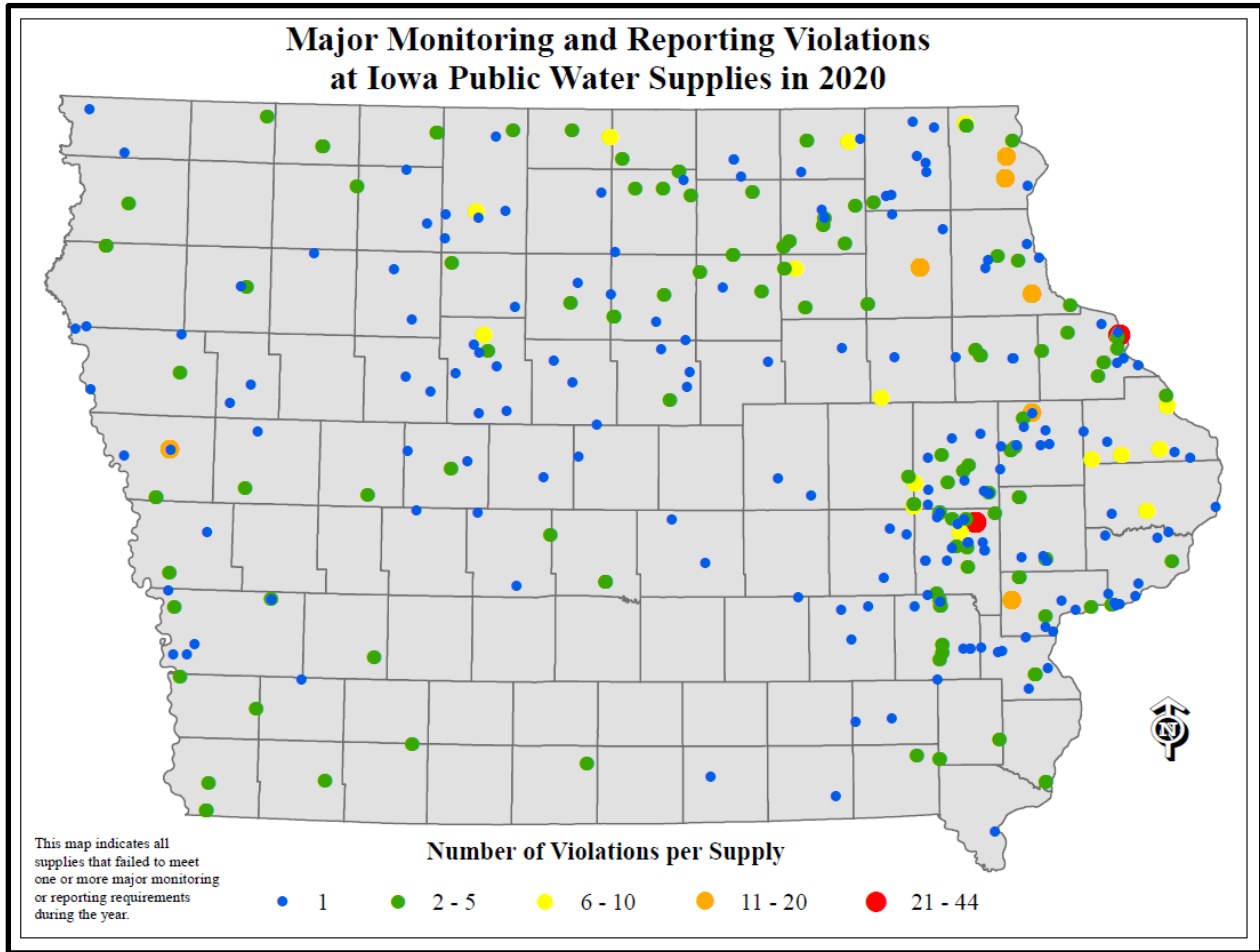
Compliance with Monitoring & Reporting Requirements

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

- Over 2.83 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 83.8% of the 1,848 regulated public water supply systems.
 - There were 496 major monitoring violations in 2020 at 250 systems.
 - At least one reporting violation was incurred by 99 systems, for a total of 231 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 2020. The system that incurred the most monitoring/reporting violations in 2020 had 32 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.

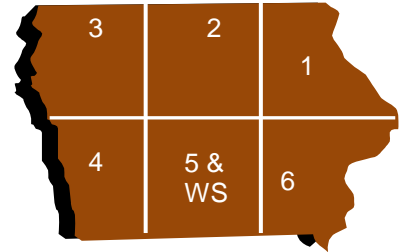
The SDWA allows States and Territories to seek EPA approval to administer their own Public Water Supply Supervision Program, which is called primacy. To receive primacy, States must meet certain requirements set forth in the SDWA regulations, including adoption of drinking water regulations which are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

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

The Iowa DNR Drinking Water Program Components

The Iowa public drinking water program has the following responsibilities, conducted by staff located centrally in Des Moines (Water Supply and Region 5), as well as in five other cities around the state: Manchester (Region 1), Mason City (Region 2), Spencer (Region 3), Atlantic (Region 4), and Washington (Region 6). The offices are 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 SFY2020, there were 34 construction loans for a total amount of \$97 million dollars. Through SFY 2020, over \$1 billion dollars has been provided in loans to Iowa's public water supply systems.

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

- **Capacity Development** The department continues to implement a capacity development (also called viability assessment) strategy to improve the financial, technical, and managerial capabilities of all public water systems. New systems must be considered viable before they start construction and begin operating. Existing systems are required to conduct self-assessments based upon various performance factors and may need to work with the department on areas determined to be deficient in order to retain viable status. The department has an e-mail newsletter, the Water Supply Listserv, written for operators on relevant topics of the day. The listserv is sent at least monthly to the subscribers, which numbered 22,457 people at the end of December 2020.
- **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. Staff continued to participate in the development of the surface water treatment operator training modules, with Module 4: Filtration being completed in 2020, and Module 5: Disinfection under development in 2020. Due to the COVID-19 pandemic, the operator training for the Module 4 did not occur in 2020, and will be conducted in conjunction with Module 5. The AWOP Core team led an effort to clarify the combined filter effluent monitoring requirements for surface water and influenced groundwater systems in the rules. The rules are expected to move forward in 2021, which will standardize combined filter effluent monitoring and reporting. Technical assistance was provided by AWOP staff to operators at two surface water plants in response to turbidity events. In both cases, turbidities were increasing rather than decreasing throughout the treatment process, which is not typical. It was suspected that algae and manganese precipitation were the causes.
- **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 2020, which the systems may then use to develop their system-specific source water protection plans (Phase 2 plans). Seven systems had their system-specific source water plans approved in 2020: Corning, Coulter, Greenfield, Mahaska RWS-New Sharon, Spillville, Spirit Lake, Webster
- **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.

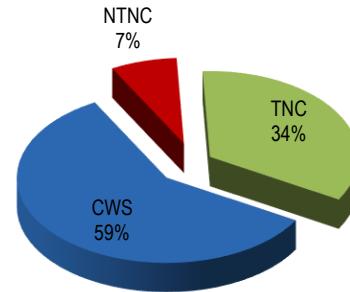
A public water supply system (PWS) is further classified as a community water system, a non-transient non-community system, or a transient non-community system.

- 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 2020, over 2.84 million Iowans were served by community public water supplies, or 93.4% of the total state population (compared with the 2010 census of 3,046,355), with the remaining 6.6% of the population served by private water supplies at their residences. Iowa's 1,848 public water supply systems in 2020 included 1,084 CWS, 128 NTNC, and 636 TNC systems. The map depicting all of Iowa's active public water supply systems in 2020 is shown on the next page.



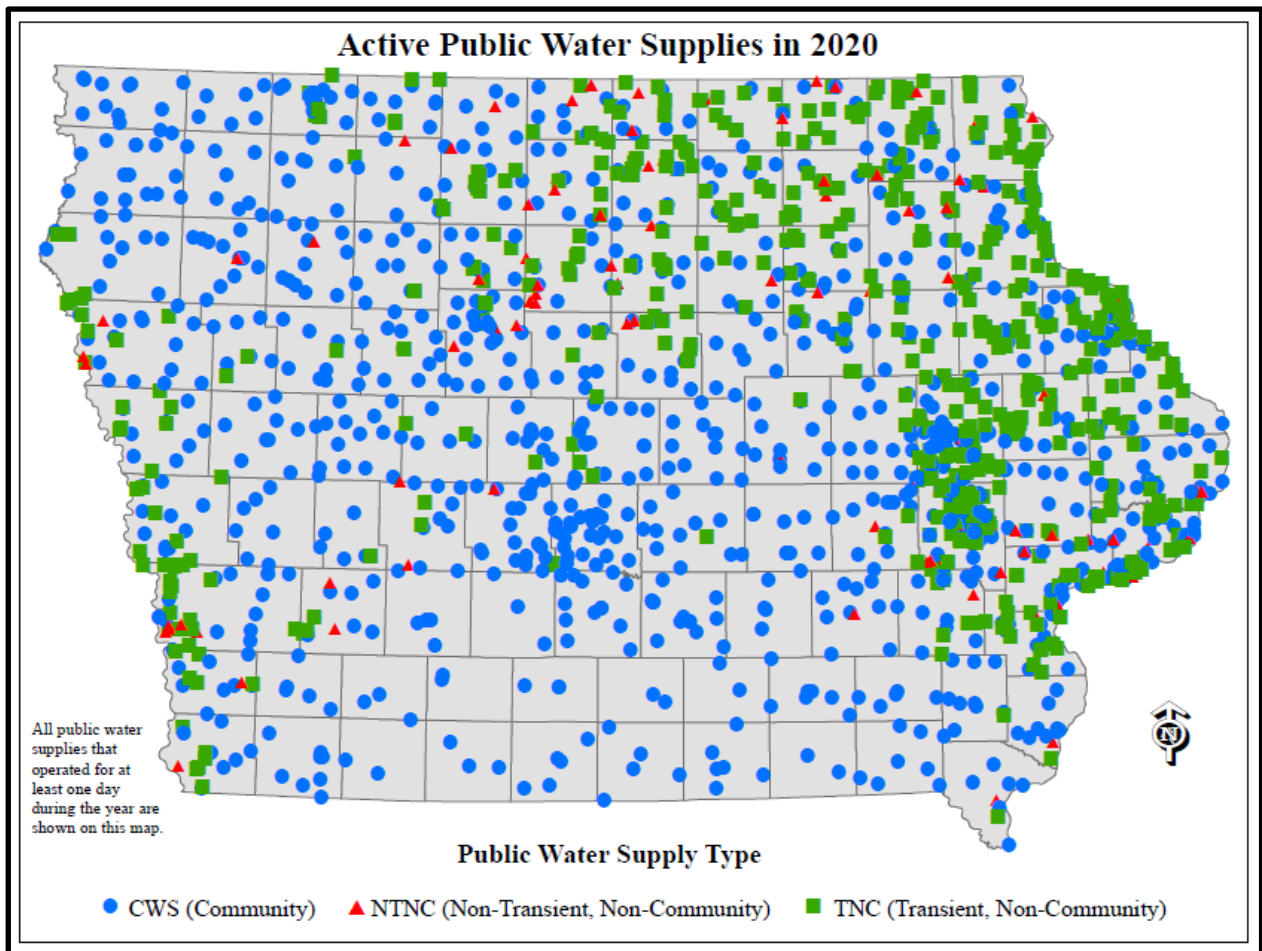
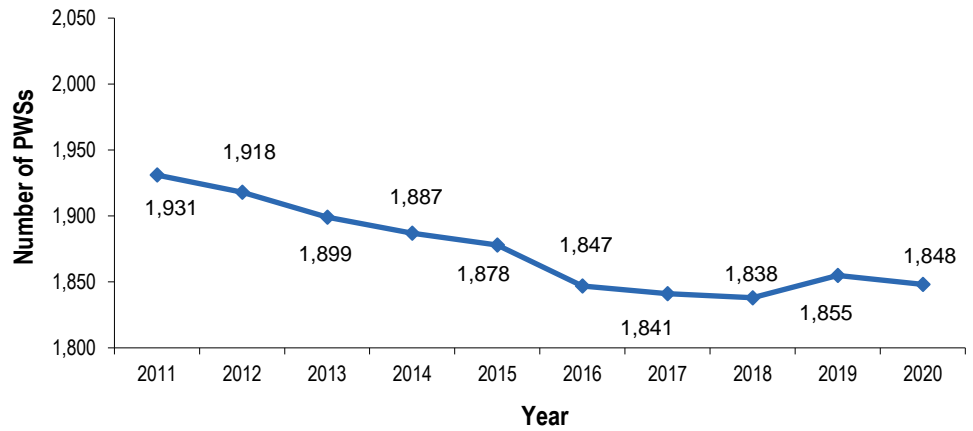
System Size

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

Population Served	EPA Classification	Number of Iowa PWS	Percentage of Total Number of PWS	Total PWS Population Served
25 – 500	Very Small	1,287	69.6	181,390
501 – 3,300	Small	427	23.1	517,559
3,301 – 10,000	Medium	87	4.7	487,157
10,001 – 100,000	Large	44	2.4	1,272,097
Over 100,000	Very Large	3	0.2	501,238
Total		1,848	100.0	2,959,441

In 2020, the number of public water supply systems in Iowa slightly decreased from 2019. Any system that was active for a single day during the year is included in that year's total.

Number of Regulated Iowa PWSs: 2011 - 2020



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.

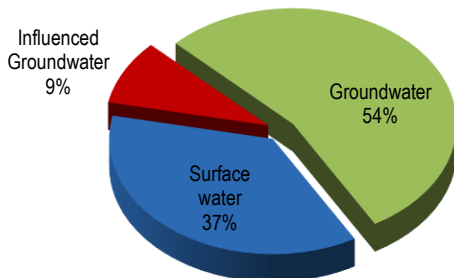
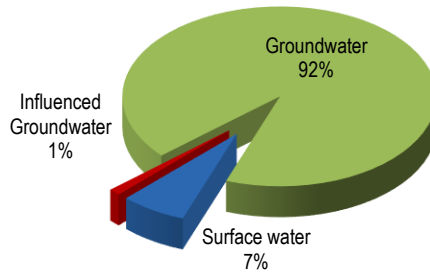
Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are the most vulnerable to contamination, followed by influenced groundwater systems. Systems using surface water or influenced groundwater 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	132	7.1	36.6
Influenced Groundwater	26	1.4	9.0
Groundwater	1,690	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 ClO₂, and only applies to those systems using chlorine dioxide in their treatment processes. An acute MRDL occurs when too much of the chlorine dioxide is applied during the treatment process at the treatment plant.

Violation: A system incurs an acute violation when the daily monitoring results in the distribution system exceeds the MRDL on the day following an elevated chlorine dioxide level at the entry to the distribution system.

Compliance Achieved: The system returns to compliance after two consecutive months in which all required samples are collected as directed and all analytical results are below the MCL.

Contaminants posing a long-term risk to human health (“chronic” or “non-acute”)
Inorganic Chemicals—567 IAC 41.3 (not including lead & copper)

Source of Contamination: Inorganic contaminants can leach into drinking water after dissolving from naturally-occurring minerals in the ground, or from runoff from industrial sources or landfills. Chlorite and bromate are byproducts of disinfection.

Health Effects: These contaminants may damage organs such as the kidneys and liver, damage the cardiovascular system and central nervous system, and are sometimes associated with high blood pressure and cancer. High levels of fluoride may cause dental and skeletal fluorosis.

Non-Acute MCL: Compliance with the MCL is determined based upon the sampling frequency:

- For systems collecting a sample every month or quarter, compliance with the MCL is determined using a running annual average.
- For systems collecting a sample annually or longer in frequency, compliance with the MCL is determined using the average of the initial sample and a confirmation sample.

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

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

Violation: A PWS incurs a violation when the MCL is exceeded in the average of the required samples.

Compliance Achieved: The system returns to compliance after two consecutive monitoring quarters in which all required samples are collected as directed and all analytical results are below the MCL.

Organic Chemicals—567 IAC 41.5 and 41.6

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

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



Health Effects: These contaminants may damage organs such as the heart, liver, and kidneys, damage the central nervous and immune systems, and cause cancer.

Non-Acute MCL: Compliance with the MCL is determined based upon the sampling frequency:

- For systems collecting a sample annually or longer in frequency, compliance with the MCL is determined using the average of the initial sample and a confirmation sample.
- For systems collecting a sample every quarter, compliance with the MCL is determined using a running annual average.

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

Violation: A PWS incurs a violation when the MCL is exceeded in the average of the required samples.

Compliance Achieved: The system returns to compliance after two consecutive monitoring quarters in which all required samples are collected as directed and all analytical results are below the MCL.

Radionuclides—567 IAC 41.8

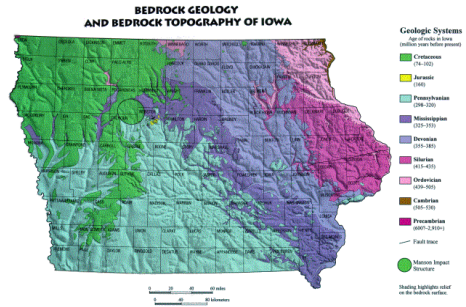
Source of Contamination: Alpha emitters, which include radium and uranium, occur naturally in certain groundwaters in the state due to the geological formations, particularly in the deeper aquifers. Beta emitters are usually the result of manmade sources or activities.

Non-Acute MCL: Compliance with the MCL is determined from the annual average of four quarters of sampling, either four separately analyzed samples or four temporally-composited aliquots in a single analyzed sample.

Health Effects: Radionuclide contaminants may cause cancer.

Violation: A PWS incurs a violation when the MCL is exceeded in the average of the required samples.

Compliance Achieved: The system returns to compliance after one monitoring period in which all required samples are collected as directed and all analytical results are below the MCL.



Map courtesy of Iowa Geological Survey

Disinfectants—567 IAC 43.6

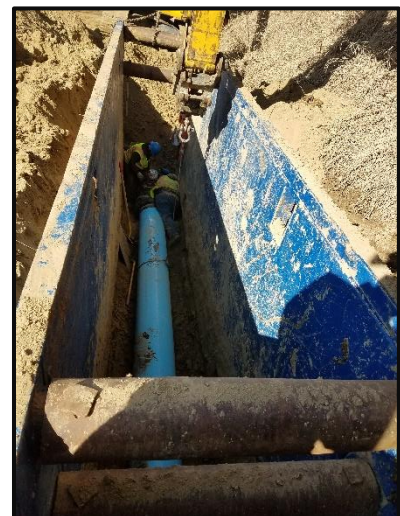
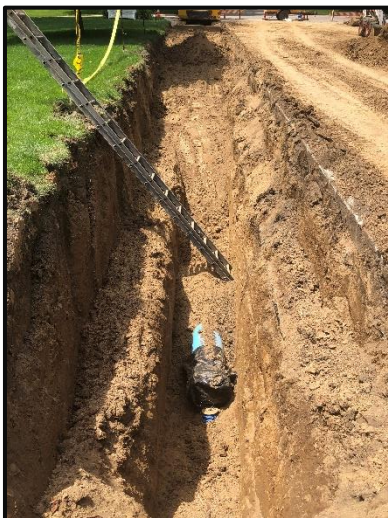
Disinfectants are chemicals added to the drinking water during treatment to provide disinfection at the treatment plant and in the distribution system. They are regulated by a maximum residual disinfectant level, MRDL, which is the maximum amount of disinfectant allowed in the system.

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

Non-Acute MRDL: Compliance with the chlorine and chloramine maximum residual disinfectant level (MRDL) is determined from the annual average of twelve months of sampling. Compliance with the chlorine dioxide maximum residual disinfectant level is determined from the comparison of the source/entry point and distribution system samples to the MRDL. Chlorine dioxide can be either an acute (found in the distribution system at levels greater than the MRDL) or a non-acute health risk (only found at the treatment plant at levels greater than the MRDL), depending upon the duration and location of the elevated levels in the system.

Violation: A system incurs a violation for chlorine or chloramines when the MRDL is exceeded in the annual average of the required samples. A non-acute violation is incurred for chlorine dioxide when the source/entry point sample exceeds the MRDL for two consecutive days and the distribution system samples are all below the MRDL.

Compliance Achieved: The system returns to compliance after two consecutive monitoring periods in which all required samples are collected as directed and all analytical results are below the MRDL.



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

Action Level and Treatment Technique Requirements

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

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

Action Level (AL) Requirements

Lead/Copper Action Levels—567 IAC 41.4

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

Source of Contamination:

- Lead is a common metal found in lead-based paint, household dust, and certain types of pottery, porcelain, and pewter. It can be found in drinking water due to leaching from lead pipes, from lead solder on indoor plumbing, or from brass faucets and fixtures.
- Copper is often used to plumb residential and commercial structures that are connected to water distribution systems. Leaching of copper from these sources can result in contamination of the drinking water.



Health Effects: Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure. Copper is an essential nutrient but some people who drinking water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

Violation: A PWS is out of compliance when the action level is exceeded for either lead or copper in any one compliance period, assigned either as a six-month, annual, or triennial requirement. Once the action level is exceeded, the PWS must conduct required lead public education if the lead AL was exceeded, collect water quality parameters, conduct a corrosion control treatment study, implement steps to control the corrosive characteristics of the water, and collect additional samples to demonstrate return to compliance with the action level standard.

Compliance Achieved: A system is returned to compliance when the sample results for two 6-month compliance periods are below the action levels for both lead and copper. This can take several years to accomplish due to the time needed to refine corrosion control processes, which is then followed by a year of sampling. Those results must be below the action level before the violation is considered to be compliance achieved.

Treatment Technique Requirements (TT)

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

Total Inactivation CT Ratio—567 IAC 43.5

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

- The CT in drinking water is determined by multiplying the disinfectant concentration by the amount of time that the disinfectant is in contact with the water. Each system must achieve a specific CT prior to the treated water entering the water distribution system. The amount of CT required depends on system configuration and water quality parameters, which include the pH and temperature of the water.
- Insufficient CT can allow disease-causing organisms such as *Giardia lamblia* or viruses to survive and thereby be distributed throughout the system.

Health Effects: CT has no health effects, however, insufficient CT levels can allow disease-causing organisms that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches to survive and enter the distribution system.

Violation: A system incurs a treatment technique violation when the CT ratio of actual CT compared to required CT is less than 1.0, and is insufficient.

Compliance Achieved: A system is returned to compliance when the CT ratio is sufficient and the residual disinfectant requirements have been met. The violation could be returned to compliance in the following month, or the time period could be longer, depending upon the action needed to correct the violation.

Disinfection Byproduct Precursor Removal—567 IAC 43.6

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

Health Effects: Total organic carbon has no health effects, however, it provides a medium for the formation of disinfection byproducts. These byproducts include trihalomethanes and haloacetic acids. Drinking water containing these byproducts in excess of the MCL may lead to adverse health effects, liver, or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer.

Violation: A system incurs a treatment technique violation when the precursor removal percentage is insufficient and an alternative compliance criteria cannot be used.

Compliance Achieved: A system is returned to compliance when it can meet the precursor removal requirements.

Groundwater Rule—40 CFR 141.400

All public water systems using groundwater (excluding IGW systems in Iowa) are required to comply with the federal Groundwater Rule. This rule requires microbial source water monitoring for groundwater systems that do not treat all of their water to a level of at least 99.99% (4-log) virus inactivation or removal. Influenced groundwater systems already meet the requirements of this rule because of the mandatory treatment requirements for that source water type. A positive routine total coliform bacteria sample in the

distribution system triggers monitoring of the source water in each well that reasonably could have contributed to the positive sample. The source water sample is then analyzed for one of three fecal indicator organisms: *E. coli*, coliphage, or *Enterococci*. Significant deficiencies determined during a sanitary survey must be addressed and corrected within specified timeframes. Systems using approved 4-log virus inactivation or removal treatment in lieu of triggered source water monitoring must also conduct additional disinfectant residual compliance monitoring.

Health Effects: Persons at greatest risk to ill effects from microbial infection are children, pregnant women, infants, elderly persons, and persons with compromised immune systems. Disease symptoms may include diarrhea, cramps, nausea, headaches, and fatigue.

Violation: A system incurs a treatment technique violation when there is a failure in the 4-log virus inactivation treatment or when a significant deficiency in the system is not addressed and corrected within the specified timeframes.

Compliance Achieved: A system is returned to compliance when it meets the required treatment criteria and addresses any significant deficiency that triggered a violation.

Mandatory Treatment—567 IAC 43.2(5)

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

Health Effects: The health effects are those that are caused by the specific contaminant for which the treatment was required.

Violation: A system incurs a treatment technique violation when the required treatment is not used.

Compliance Achieved: A system is returned to compliance when the treatment is used and all requirements have been met. The violation could be returned to compliance in the following month, or the time period could be longer, depending upon the action needed to correct the violation.

Residual Disinfectant (minimum)—567 IAC 43.5

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

- The disinfectant entering the distribution system (source/entry point after all treatment) cannot be lower than 0.3 mg/L free residual chlorine or 1.5 total residual chlorine for more than four hours.
- The disinfectant within the distribution system must meet the same minimums as at the source/entry point and cannot be undetectable in more than 5% of the samples each month for any 2 consecutive months. This also applies to heterotrophic plate counts (HPC) which can be measured in lieu of disinfectant monitoring. The HPC must be less than or equal to 500 colony forming units per milliliter of sample in order to have acceptable disinfectant residual.

Health Effects: Insufficient levels can allow disease-causing organisms that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches to survive and enter the distribution system.

Violation: A system incurs a treatment technique violation when the minimum required residual disinfectant levels are not maintained.

Compliance Achieved: A system is returned to compliance when the residual disinfectant requirements have been met. The violation could be returned to compliance in the following month.

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

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



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

Total Coliform Bacteria—567 IAC 41.2(1)

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

Source of Contamination: Total coliform bacteria are common in the environment and are generally not harmful themselves, but their presence in drinking water is serious because it indicates a pathway of contamination. The presence of these bacteria in drinking water generally is a result of a problem with the water treatment or with the pipes which distribute the water, and indicates that the water may be contaminated with organisms that can cause disease.

Health Effects: At greatest risk are children, pregnant women, infants, elderly persons, and persons with compromised immune systems. Disease symptoms may include diarrhea, cramps, nausea, headaches, and fatigue. Chlorinating the drinking water will provide disinfection. Boiling water in the home is also an effective method of sterilizing the drinking water.

Level 1 Assessment: Compliance with the total coliform bacteria standard is determined by the presence or absence of total coliform bacteria in a sample. Any confirmed total coliform sample, with no detection of *E. coli*, triggers the system to conduct a Level 1 Assessment, to find any sanitary defect in their system, and to fix any defect that is found.

Level 2 Assessment: A Level 2 Assessment, which is an onsite assessment of the system to determine any sanitary defects that could lead to microbial contamination, is conducted by DNR staff if a system has an acute *E. coli* MCL violation or has more than one Level 1 Assessment in a 12-month period.

Violation: A system incurs a violation when the trigger is exceeded in any one compliance period assigned either as a monthly or quarterly requirement and the system fails to conduct the Level 1 Assessment, fails to correct sanitary defects in a timely manner, or is a seasonal system that has failed to conduct its required startup procedure. The violation is a treatment technique violation.

Compliance Achieved: The system returns to compliance after a missing report is submitted, any found defect is repaired followed by one monitoring period in which all required samples are collected as directed, and all analytical results are negative for coliform bacteria.

Turbidity—567 IAC 43.5, 43.9, and 43.10

Treatment Technique: All SW/IGW systems, regardless of size, must meet the treatment techniques for turbidity. Turbidity, or cloudiness, of drinking water is a measure of the tiny particles suspended in the water that can interfere with disinfection and testing for bacteria. It can also prevent maintenance of an effective disinfectant residual throughout the distribution system. Systems are required to remove 99% (2-log) of the *Cryptosporidium* oocysts through filtration. In addition, systems using conventional or direct filtration must meet the following two treatment techniques for turbidity:

- the turbidity level of representative samples of a system's filtered water must be less than or equal to 0.3 NTU in at least 95% of the measurements taken each month, and
- no single sample result may exceed 1 NTU.

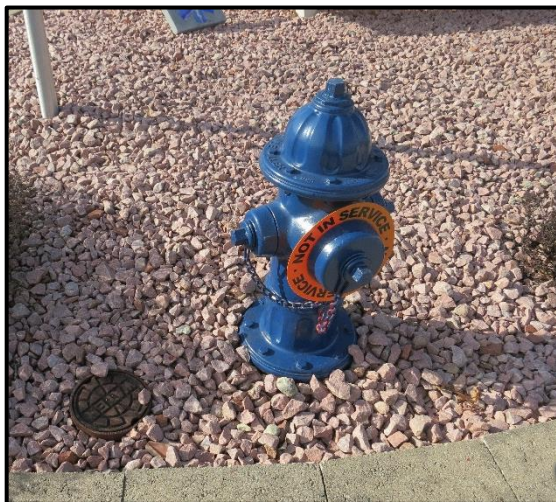
Sources of Contamination: The major source of turbidity contamination is soil runoff.

Health Effects: Turbidity by itself has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms such as bacteria, viruses, and parasites such as *Giardia lamblia* and *Cryptosporidium* that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches, and can result in death.



Violation: A PWS incurs a treatment technique violation when either standard is exceeded in any month.

Compliance Achieved: A system is returned to compliance when turbidity results consistently meet the standards.



New hydrant, not yet in service



Emergency power generator

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

Approximately 2.92 million people received water served by Iowa public water supply systems in 2020 that complied with all health-based standards, including MCL, MRDL, AL, and TT standards. In 2020, 99.0% of the population served by community public water supply systems received water that met all drinking water standards adopted by the department, and 97.9% of community public water supplies met all drinking water standards.

Of the 1,848 regulated PWSs in Iowa, 96.8% were in compliance with all MCL, MRDL, AL, and TT standards. There were 60 PWSs that had at least one violation of an MCL, AL, MRDL, or TT standard. There were 94 violations of seven contaminants and five treatment techniques in 2020, as indicated in the following table. The most frequent standard that was not met in Iowa in 2020 was the failure to conduct Start-up Procedures (RTCR) for seasonal systems, which is a TT violation.

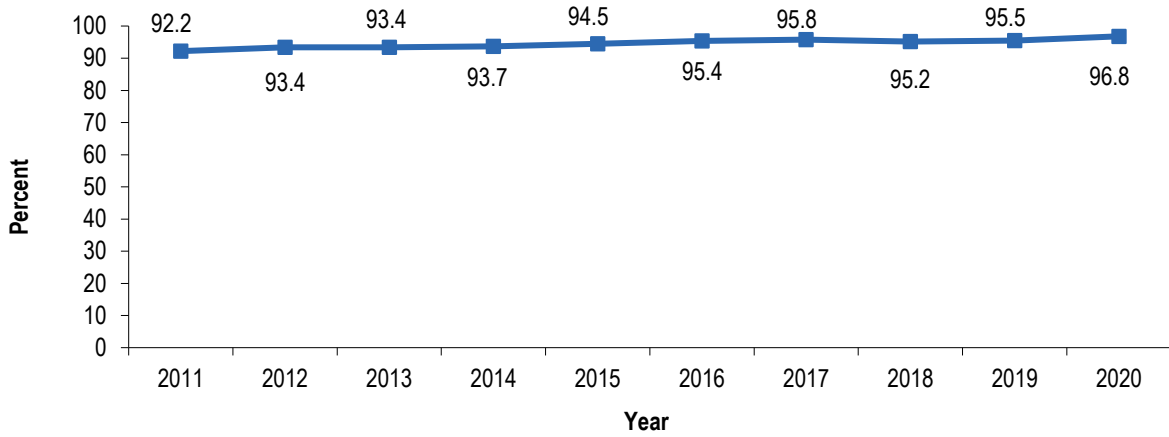
Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2020	System Population*
Arsenic	4	16	17.0	223	424
Coliform Bacteria Failure to conduct a Level 1 Assessment TT	3	3	3.2	Not applicable	350
Coliform Bacteria Failure to conduct a Start-Up Procedure TT	20	20	21.3	Not applicable	1,283
Copper action level	9	9	9.6	4,829	8,182
<i>E. coli</i>	2	3	3.2	28,078	168
Failure to maintain Minimum Chlorine Residual TT	3	4	4.2	Not applicable	300
GWR Failure to address Significant Deficiency TT	3	3	3.2	Not applicable	13,466
Lead action level	7	7	7.4	4,829	3,701
Nitrate nitrogen	7	19	20.2	3,665	461
Nitrite nitrogen	2	3	3.2	1,424	682
Selenium	1	4	4.3	87	266
Total Trihalomethanes (TTHM)	1	1	1.1	1,793	1,370
Turbidity treatment technique	1	2	2.1	Not applicable	4,929
Total:	60**	94	100%		33,608**

* 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 94.6%.

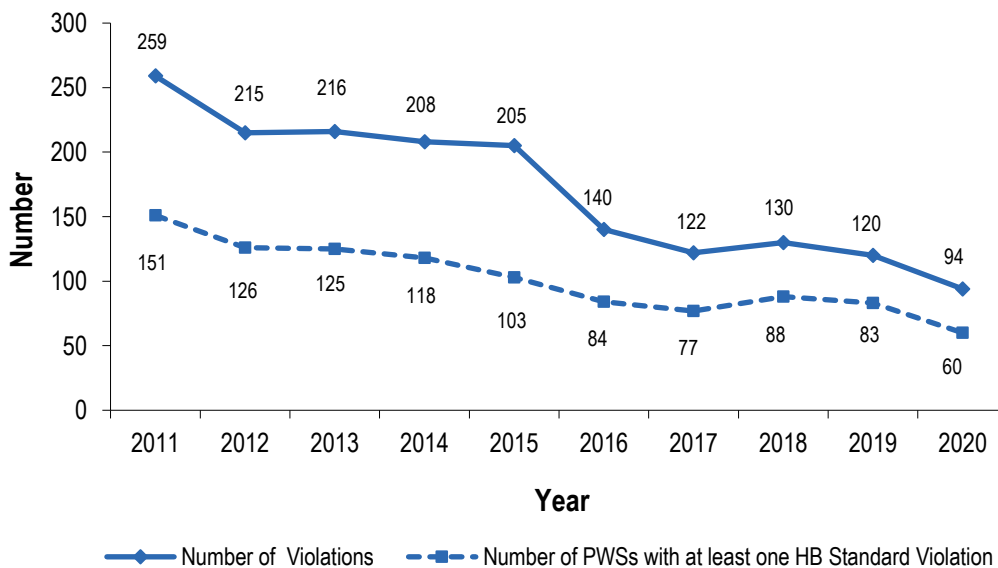
Percentage of PWS in Compliance with all MCL, AL, TT, & MRDL: 2011 - 2020



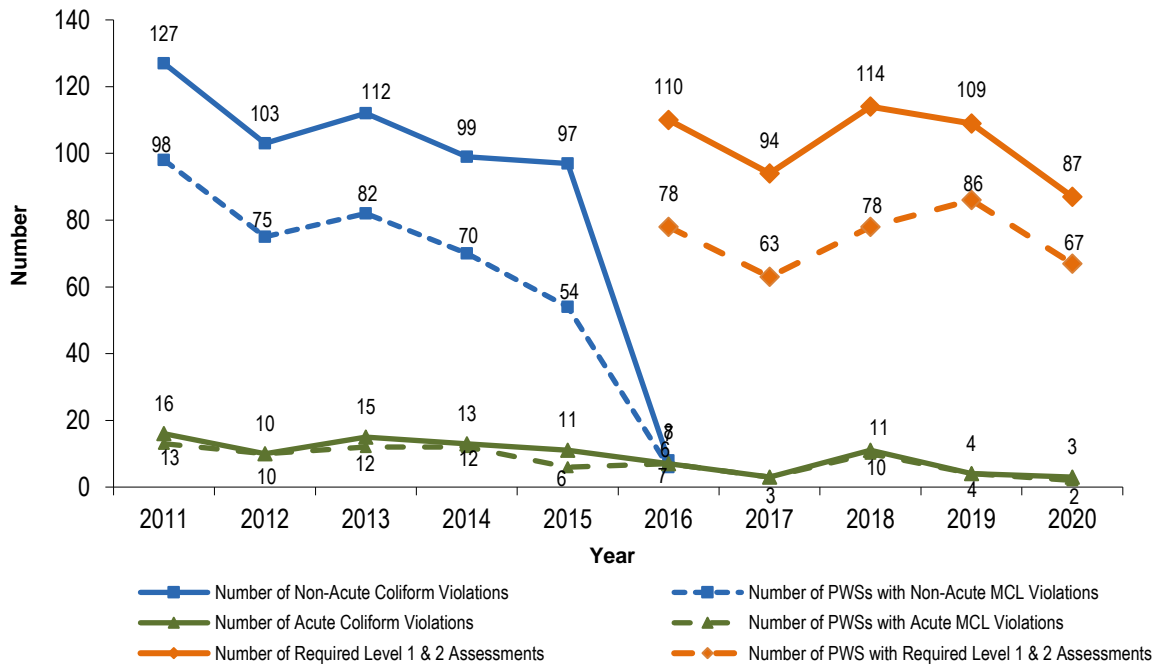
This is the fourth full year that the Revised TCR (RTCR) was in effect, and there were two types of RTCR TT violations that resulted in 23 TT violations at 22 systems: 20 seasonal systems failed to complete their start-up procedures (including a bacteria-free compliance sample) before they opened to the public, and 3 systems failed to conduct the required Level 1 Assessment and incurred 3 TT violations. The Level 1 Assessment replaces the former TCR’s non-acute coliform bacteria MCL violation. However, if a system conducts the required Level 1 Assessment under the RTCR, there is no violation. It’s only the failure to conduct the Level 1 Assessment within the required timeframe that results in a TT violation.

In 2020, both the number of systems with violations of health-based standards and the number of violations dropped from 2019, and both were the lowest in the ten-year period.

Health-Based Standards Violations: 2011 - 2020



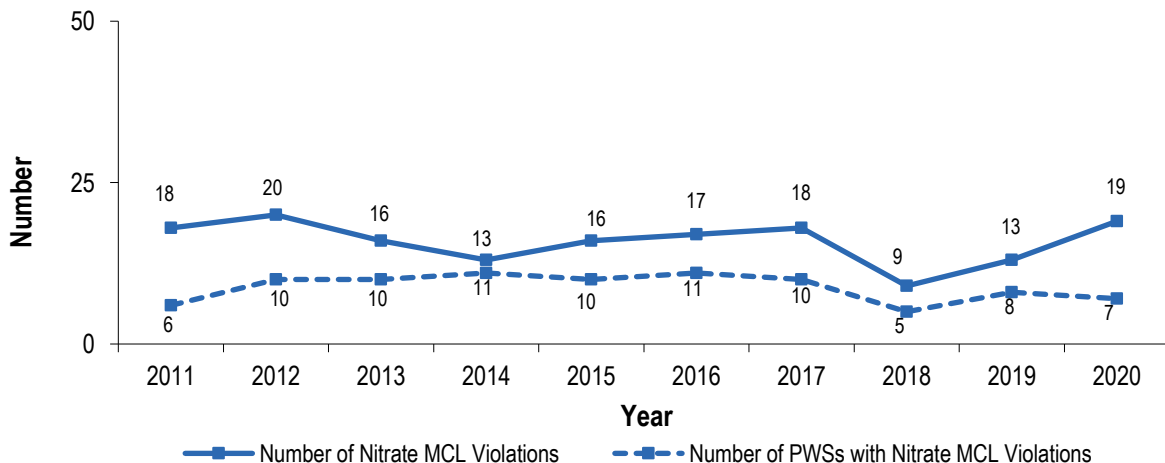
Coliform Bacteria MCL Violations and Assessments: 2011 - 2020



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

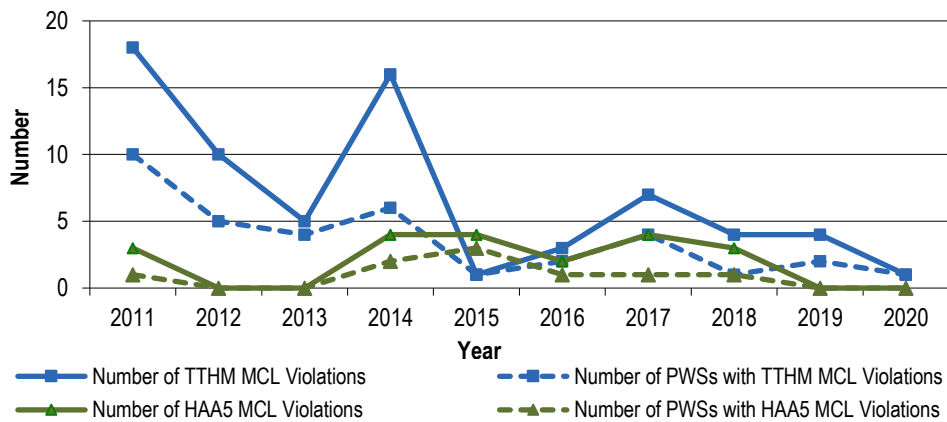
In 2020, the number of nitrate MCL violations increased and number of systems with violations decreased from 2019.

Nitrate MCL Violations: 2011 - 2020

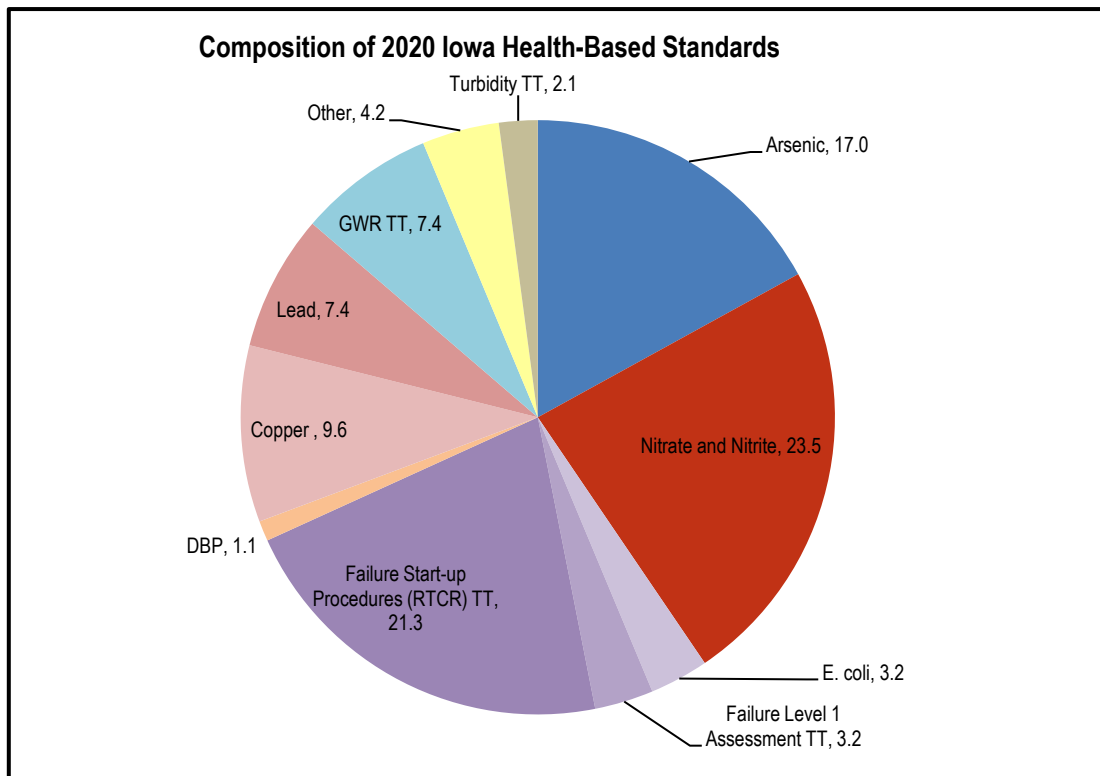


Under the federal Stage 1 Disinfectants/Disinfection Byproducts Rule (DBPR), large systems were required to start monitoring for disinfection byproducts in 2002, with medium and small systems starting in 2004. Usually a system monitors for a year before an MCL violation can occur, so the first violations 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 2020, there was one system that had one total trihalomethanes violation.

Disinfection Byproduct MCL Violations: 2011 - 2020



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



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.

Aerator



Major Monitoring & Reporting Violations

Major Monitoring and Reporting (M/R) Violation Data

Over 2.83 million people received water served by Iowa's systems that met the major monitoring and reporting requirements. Of the 1,848 regulated PWSs in Iowa, 83.8% (1,548 PWSs) were in compliance with all major monitoring and reporting requirements. There were 300 PWSs serving a total population of 133,413 that incurred 727 major monitoring and reporting violations in 2020. 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 2020. The majority of violations were for failure to collect coliform bacteria and nitrate samples, which are the two contaminants that are required to be sampled by all systems each year.

Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
Monitoring			
Ammonia Nitrogen	6	6	2,273
Chlorine	13	13	3,522
Coliform Bacteria, Total (RTCR distribution system)	150	243	25,649
Copper	8	9	1,077
<i>E. coli</i> (GWR source water)	20	26	9,766
Gross alpha, excluding Rn & U	2	2	34,451
Haloacetic Acids (5)	18	18	20,933
Lead	8	9	1,077
Manganese	7	8	911
Nitrate	58	80	18,414
Nitrite	12	19	11,138
Radium 226 & 228	2	2	7,452
Sodium	6	7	4,366
Synthetic Organic Compounds (SOC)	5	14	395
Total Trihalomethanes	18	18	20,933
Volatile Organic Compounds (VOC)	2	22	372
Monitoring Total:	267*	520	188,035*
Reporting			
Failure to conduct public notice (PN)	59	154	7,715
Failure to apply for an operation permit	1	1	25
Failure to consult with DNR (GWR)	2	2	1,691
Failure to submit monthly operation report or MRDL	24	48	7,689
Failure to issue a consumer confidence report	10	10	1,319
Failure to issue a Lead consumer notice	4	4	762
Failure to obtain a certified operator	3	3	247
Failure to maintain records	1	1	1,146
Failure to meet a compliance schedule	7	8	1,956
Reporting Total:	231*	99	20,468*
Monitoring & Reporting Total:	300**	727	133,413**

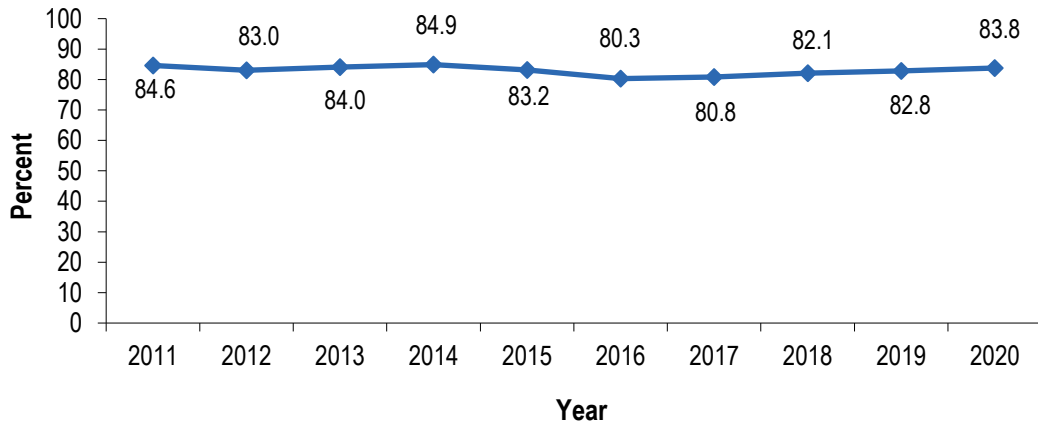
* The population of each PWS is only counted once for each contaminant.

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

Monitoring & Reporting Compliance Rates: 2011 - 2020

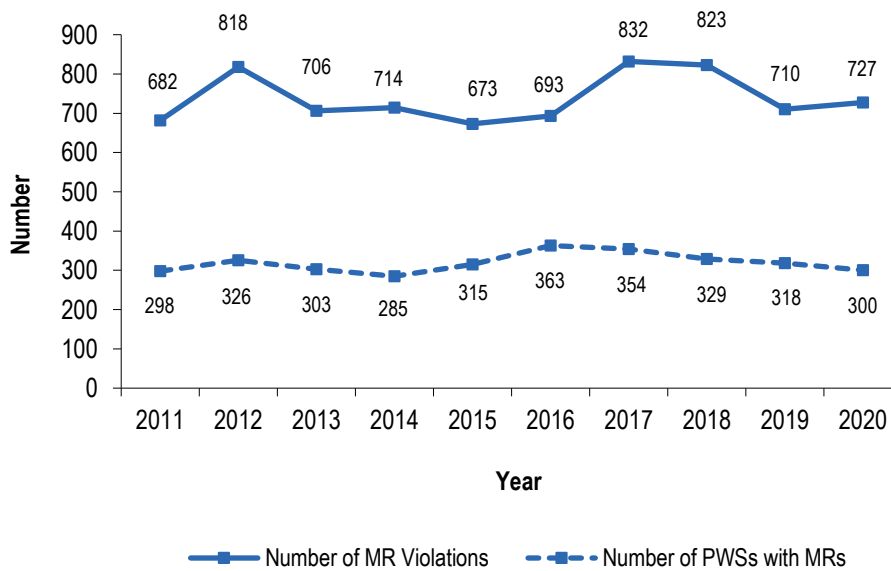
The percentage of PWS in compliance with all major monitoring and reporting requirements was 83.8% in 2020. The number of public water supplies in compliance with all major monitoring and reporting requirements averages 83.0% over the past ten years.

Percentage of PWS in Compliance with all Major Monitoring & Reporting Requirements: 2011 - 2020



In 2020, the number of monitoring and reporting violations slightly increased, and the number of systems with those violations slightly decreased from 2019.

Monitoring & Reporting Violations: 2011 - 2020



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 90th 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 2020, 10 CWS failed to prepare and distribute their CCR for calendar year 2019. Each CWS received a reporting violation for this failure. The CCR compliance rate for Iowa's CWS in 2020 was 99.1%.

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.

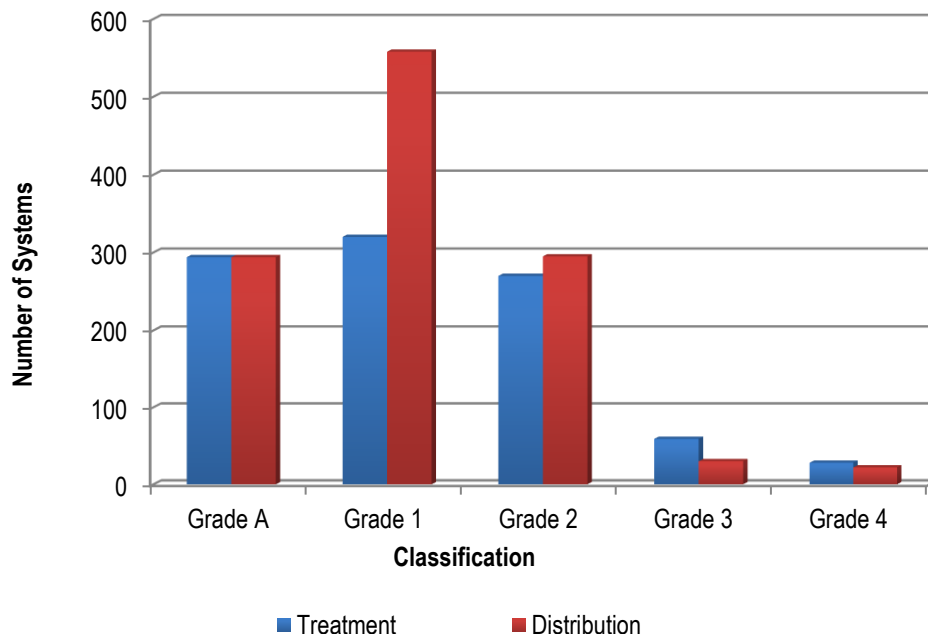
The Iowa Operator Certification Program reporting period for this report is July 1, 2020 through June 30, 2021.

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, 2021. There are 228 systems that have a distribution system but no treatment plant.

Classification	Treatment Facility	Distribution Facility
Grade A	294	294
Grade 1	320	558
Grade 2	270	295
Grade 3	59	30
Grade 4	28	22
Total	971	1,199

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:

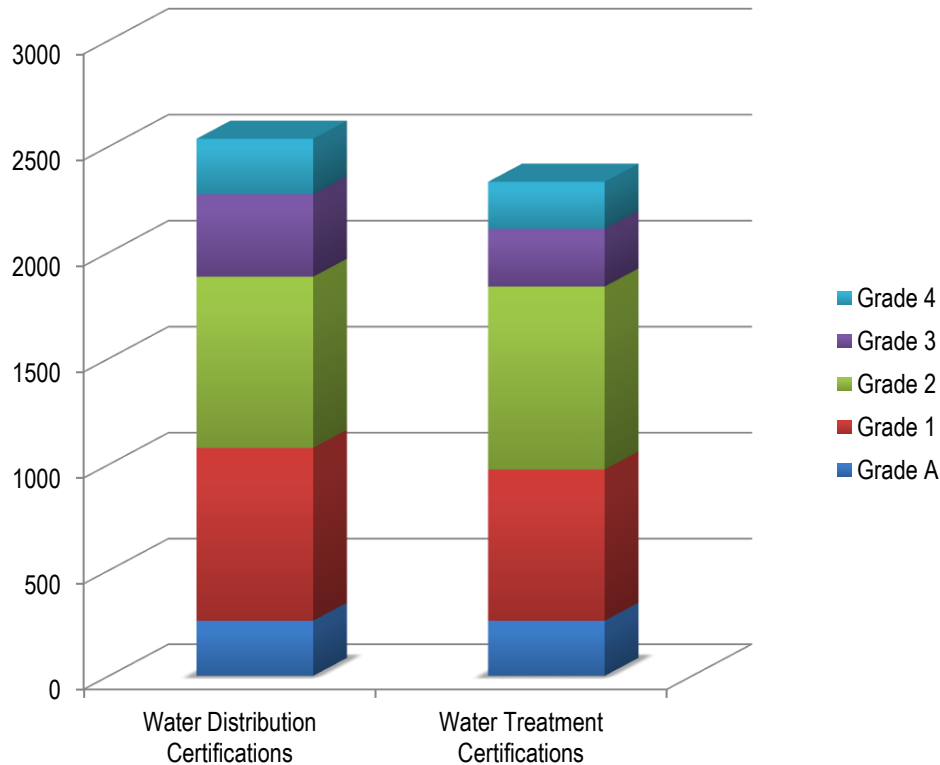
1. Meet the initial education and experience requirements and pay the examination fee,
2. Successfully pass the examination for the specific type of certification, and
3. Maintain the certification by successfully attaining the required continuing education hours or credits during each two-year certification 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	261 (combined WT and WD)	
Grade 1	817	715
Grade 2	807	863
Grade 3	389	272
Grade 4	262	222

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 three public water supply systems that failed to have a certified operator in charge of the water supply, and at three certified operators. Two operators surrendered their certifications with the option to reapply in two years; 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.



Well house with emergency generator

Abbreviations

AG	Attorney General of Iowa
AL	action level
AOP	administrative order with penalty
AOWP	administrative order without penalty
BCA	bilateral compliance agreement
CCR	consumer confidence report
CT	contact time
Cu	chemical symbol for copper
CWS	community public water supply
DNR	Iowa Department of Natural Resources
EPA	U.S. Environmental Protection Agency
FDA	U.S. Food and Drug Administration
GW	groundwater
GWR	Groundwater Rule
IGW	groundwater under the direct influence of surface water or influenced groundwater
HA	Health Advisory
HAA5	haloacetic acids (5)
HPC	heterotrophic plate count
IAC	Iowa Administrative Code
IOC	inorganic chemical
LSL	lead service line
MCL	maximum contaminant level
mg/L	milligrams per liter
MOR	monthly operation report
M/R	Monitoring and Reporting
MRDL	maximum residual disinfectant level
mrem/yr	millirems per year
NOV	Notice of Violation
NTNC	non-transient non-community public water supply
NTU	nephelometric turbidity units
Pb	chemical symbol for lead
pCi/L	picocuries per liter
PE	public education for Lead
PN	public notification
PWS	public water supply system
PWSS	Public Water System Supervision (EPA program)
Rn	chemical symbol for radon
RTCR	Revised Total Coliform Rule (replaced the TCR in April 2016)
SDWA	Safe Drinking Water Act
SDWIS/FED	Safe Drinking Water Information System/Federal (EPA's electronic database)
SOC	synthetic (nonvolatile) organic chemical
SW	surface water
SWTR	Surface Water Treatment Rule
TCR	Total Coliform Rule
TNC	transient non-community public water supply
TT	treatment technique
TTHM	total trihalomethanes
U	chemical symbol for uranium
V/E	variance or exemption
VOC	volatile organic chemical
WD	water distribution
WT	water treatment
WQP	water quality parameters

Distribution of this Report

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

The DNR sends the detailed report to the EPA Headquarters in Washington, DC, and the EPA Region 7 Office in Lenexa, KS.

The DNR also:

- includes the report on the DNR Internet website where it available for download: www.iowadnr.gov/WS-Annual-Compliance-Report,
- 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
Diane Moles	515/725-0281	Rules and Policy Development	Executive Officer II
Tamie Calef	515/725-8223	SDWIS Data Management	Information Technology Specialist 4
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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/MRD/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, 2020 through December 31, 2020					
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	1	1
1,1,2-Trichloroethane	0.005	0	0	0	0	1	1
1,1-Dichloroethylene	0.007	0	0	0	0	1	1
1,2,4-Trichlorobenzene	0.07	0	0	0	0	1	1
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	0	0	0
1,2-Dichloroethane	0.005	0	0	0	0	1	1
1,2-Dichloropropane	0.005	0	0	0	0	1	1
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	1	1
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	1	1
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	1	1
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	0	0	0	0	1	1
Dichloromethane	0.005	0	0	0	0	1	1
Dinoseb	0.007	0	0	0	0	0	0
Diquat	0.02	0	0	0	0	5	5
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	1	1
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	1	1
o-Dichlorobenzene	0.6	0	0	0	0	1	1
Oxamyl (Vydate)	0.2	0	0	0	0	0	0
para-Dichlorobenzene	0.075	0	0	0	0	1	1
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	1	1
Tetrachloroethylene	0.005	0	0	0	0	1	1
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	1	1
Trichloroethylene	0.005	0	0	0	0	1	1
Vinyl chloride	0.002	0	0	0	0	1	1
Xylenes (total)	10	0	0	0	0	2	2
						36	
Haloacetic acids	0.060	0	0	0	0	18	18
Total trihalomethanes	0.080	1	1	0	0	18	18

Inorganic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Antimony	0.006	0	0	0	0	0	0
Arsenic	0.010	16	4	0	0	0	0
Asbestos	7 million fibers/L (>10 µm in length)	0	0	0	0	0	0
Barium	2	0	0	0	0	0	0
Beryllium	0.004	0	0	0	0	0	0
Cadmium	0.005	0	0	0	0	0	0
Chromium	0.1	0	0	0	0	0	0
Cyanide (as free cyanide)	0.2	0	0	0	0	0	0
Fluoride	4.0	0	0	0	0	0	0
Mercury	0.002	0	0	0	0	0	0
Nitrate	10 (as Nitrogen)	19	7	0	0	80	58
Nitrite	1.0 (as Nitrogen)	3	2	0	0	19	12
Selenium	0.05	4	1	0	0	0	0
Sodium	not applicable	0	0	0	0	7	7
Thallium	0.002	0	0	0	0	0	0
Total nitrate and nitrite	10 (as Nitrogen)	NA	NA	NA	NA	NA	NA

Radionuclide Contaminants	MCL	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Gross alpha (excluding Rn & U)	15 pCi/L	0	0	0	0	2	2
Radium-226 and radium-228	5 pCi/L	0	0	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		43	15*	0	0	182	96*

*: Each system is only counted once in the subtotal category (i.e., 15 systems had 43 MCL violations and 111 systems had 96 monitoring/reporting violations).

Microbial Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Acute Total Coliform Bacteria MCL violation (RTCR)	Presence	3	2	0	0	0	0
Failure to complete Start-Up Procedures (RTCR)		0	0	20	20	0	0
Failure to conduct Level 1 Assessment (RTCR)		0	0	3	3	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	150
Major source water monitoring for Fecal Indicator (GWR)		0	0	0	0	26	20
Sanitary survey violations (failure to address significant deficiency, failure to have certified operator, and failure to maintain disinfectant residuals)		0	0	7	6	3	3

Subtotal		3	2	30	28	272	164*
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*Each system is counted only once in the subtotal category, i.e., 2 systems had 3 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	2	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	2	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: 7 Copper: 9	Lead: 7 Copper: 9	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: 9 Pb: 9	Cu: 8 Pb: 8
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	0	0

Lead consumer notice						4	4
Subtotal		16	14*	0	0	22	11*

*: Each system is only counted once in the subtotal category (i.e., 14 systems had 16 ALE and 11 systems had 22 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	13 MV 48 reporting	13 MV 24 reporting
Chlorine dioxide	0.8 mg/L	0	0	0	0	0	0
Chlorite	1.0 mg/L	0	0	0	0	0	0
Bromate	0.010 mg/L	0	0	0	0	0	0
Total organic carbon (TOC)		0	0	0	0	0	0
Subtotal		0	0	0	0	61	37*

*: Each system is only counted once in the subtotal category (i.e., 37 systems had 61 DBP reporting violations).

APPENDIX B: Iowa Public Water Supply Violation Data

All public water supply systems that incurred one or more violations during 2020 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 2020

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
ACKLEY MUNICIPAL WATER WORKS	1589	HARDIN	IA4201001	CWS	202100453	Failure to consult with DNR	07-Aug-20	Failure to Consult, GWR	RPT	Compliance Achieved	10/30/2020
AEROPLANE INN	25	POTTAWATTAMIE	IA7836201	TNC	202001041	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/12/2020
AEROPLANE INN	25	POTTAWATTAMIE	IA7836201	TNC	202001042	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/12/2020
AINSWORTH 4 CORNERS RESTAURANT	400	WASHINGTON	IA9203760	TNC	202100162	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/26/2020
ALBURNETT WATER SUPPLY	673	LINN	IA5704012	CWS	202100509	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/17/2020
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202001312	Failure to conduct Public Notice	25-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202001424	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/25/2020
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202001849	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/29/2020
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202002037	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/29/2020
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202100232	Failure to conduct Public Notice	21-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/26/2020
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202100532	Failure to conduct Public Notice	28-Nov-20	Public Notice Rule Linked to Violation	PN	NOV Issued	12/16/2020
ALGONA COUNTRY CLUB	47	KOSSUTH	IA5502832	TNC	202100680	Failure to conduct Public Notice	21-Dec-20	Public Notice Rule Linked to Violation	PN	NOV Issued	1/26/2021
ALLUVIAL BREWING COMPANY	100	STORY	IA8500301	TNC	202001650	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/2/2020
AMANA SOCIETY WATER SYSTEM NORTH	1329	IOWA	IA4848001	CWS	202001774	Copper	30-Jun-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/6/2020
ANTHON MUNICIPAL WATER SYSTEM	573	WOODBURY	IA9704060	CWS	202100168	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/9/2020
ANTHON MUNICIPAL WATER SYSTEM	573	WOODBURY	IA9704060	CWS	202100379	Nitrogen-Ammonia (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/20/2020
APOSTOLIC CHRISTIAN CHURCH	200	KOSSUTH	IA7470816	TNC	202001089	Nitrate (as N)	30-Apr-20	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/20/2020
APOSTOLIC CHRISTIAN CHURCH	200	KOSSUTH	IA7470816	TNC	202001315	Failure to conduct Public Notice	01-May-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/21/2020
ARGO CORNERS LLC	62	SCOTT	IA8245201	TNC	202001237	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/4/2020
ARGO CORNERS LLC	62	SCOTT	IA8245201	TNC	202100402	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2020
ARMSTRONG WATER SUPPLY	943	EMMET	IA3203066	CWS	202001095	Failure to meet Compliance Schedule	06-May-20	Variance/Exemption/Compliance Schedule	V/E	Compliance Achieved	7/2/2020
ARMSTRONG WATER SUPPLY	943	EMMET	IA3203066	CWS	202100100	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
ARMSTRONG WATER SUPPLY	943	EMMET	IA3203066	CWS	202100101	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
ARMSTRONG WATER SUPPLY	943	EMMET	IA3203066	CWS	202100622	Nitrite (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/2/2021
ARMSTRONG WATER SUPPLY	943	EMMET	IA3203066	CWS	202100623	Nitrite (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/2/2021

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
ATKINS MUNICIPAL WATER WORKS	1670	BENTON	IA0603072	CWS	202100066	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	9/23/2020
ATKINS MUNICIPAL WATER WORKS	1670	BENTON	IA0603072	CWS	202100067	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	9/23/2020
AVOCA WATER WORKS	1689	POTTAWATTAMIE	IA7803080	CWS	202100364	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/24/2020
BARNES CITY WATER SUPPLY	176	POWESHIEK	IA7905088	CWS	202100001	Failure to issue Consumer Confidence Report	30-Sep-20	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/6/2020
BATAVIA WATER WORKS	499	JEFFERSON	IA5107089	CWS	202100120	Nitrite (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/19/2020
BAXTER WATER SUPPLY	1126	JASPER	IA5003091	CWS	202100119	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/27/2020
BAYARD WATER SUPPLY	471	GUTHRIE	IA3907092	CWS	202001842	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/25/2020
BAYER CROP SCIENCE LP	575	MUSCATINE	IA7048161	NTNC	202001971	Operations Report	30-Apr-20	Reporting (RPT)	RPT	Compliance Achieved	6/5/2020
BECKER WATER AND ROAD	50	WEBSTER	IA9433312	CWS	202001708	Failure to conduct Public Notice	01-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/4/2021
BECKER WATER AND ROAD	50	WEBSTER	IA9433312	CWS	202001958	Failure to issue Consumer Confidence Report	01-Jul-20	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/3/2020
BELLE PLAINE WATER DEPT	2559	BENTON	IA0610099	CWS	202100039	Copper	30-Sep-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/19/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202001305	Failure to conduct Public Notice	20-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202001308	Failure to conduct Public Notice	20-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202001304	Failure to conduct Public Notice	21-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202001307	Failure to conduct Public Notice	21-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202001306	Failure to conduct Public Notice	24-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202001309	Failure to conduct Public Notice	24-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202001902	Failure to conduct Public Notice	16-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202002028	Nitrate (as N)	31-Aug-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202002029	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100104	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100105	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100423	Failure to conduct Public Notice	16-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100332	Nitrate (as N)	31-Oct-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100333	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2020
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100695	Operations Report	31-Oct-20	Reporting (RPT)	RPT	NOV Issued	1/22/2021

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BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100676	Failure to conduct Public Notice	21-Dec-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/30/2021
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	202100677	Failure to conduct Public Notice	21-Dec-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/30/2021
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	202001082	Failure to conduct Public Notice	21-Mar-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	202100647	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/22/2021
BRADFORD HOUSE	50	CHICKASAW	IA1967222	TNC	202001301	Failure to conduct Public Notice	25-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
BRADFORD HOUSE	50	CHICKASAW	IA1967222	TNC	202100088	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/21/2020
BRADFORD HOUSE	50	CHICKASAW	IA1967222	TNC	202100610	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/21/2021
BRANDON WATER SUPPLY	309	BUCHANAN	IA1011001	CWS	202100075	Nitrite (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/19/2020
BRANDON WATER SUPPLY	309	BUCHANAN	IA1011001	CWS	202100076	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/19/2020
BRANDON WATER SUPPLY	309	BUCHANAN	IA1011001	CWS	202100078	Nitrite (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/19/2020
BRANDON WATER SUPPLY	309	BUCHANAN	IA1011001	CWS	202100079	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/27/2020
BRANDON WATER SUPPLY	309	BUCHANAN	IA1011001	CWS	202100318	Nitrogen-Ammonia (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/19/2020
BRANDON WATER SUPPLY	309	BUCHANAN	IA1011001	CWS	202100319	Xylenes	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/19/2020
BRANNAMAN ENTERPRISES, INC	18	JOHNSON	IA5282309	TNC	202001050	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/2/2020
BRANNAMAN ENTERPRISES, INC	18	JOHNSON	IA5282309	TNC	202001915	Failure to conduct Public Notice	19-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
BUFFALO RUN GOLF CLUB	51	CERRO GORDO	IA3423801	TNC	202001213	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/31/2021
BUFFALO RUN GOLF CLUB	51	CERRO GORDO	IA3423801	TNC	202001214	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/25/2020
BUFFALO RUN GOLF CLUB	51	CERRO GORDO	IA3423801	TNC	202001442	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/25/2020
BUFFALO WATER SUPPLY	1270	SCOTT	IA8218050	CWS	202100368	Sodium	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/25/2020
CALAMUS WATER SUPPLY	439	CLINTON	IA2320062	CWS	202001129	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/22/2020
CALUMET WATER SUPPLY	179	O'BRIEN	IA7109065	CWS	202001515	Copper	30-Sep-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	6/30/2020
CAMP ABE LINCOLN	210	SCOTT	IA8215448	TNC	202101143	Operations Report	30-Apr-20	Reporting (RPT)	RPT	Compliance Achieved	9/1/2020
CAMP ABE LINCOLN	210	SCOTT	IA8215448	TNC	202001365	Failure to meet Compliance Schedule	30-Jun-20	Variance/Exemption/Compliance Schedule	V/E	Compliance Achieved	10/15/2020
CAMP ABE LINCOLN	210	SCOTT	IA8215448	TNC	202001949	Failure to meet Compliance Schedule	31-Aug-20	Variance/Exemption/Compliance Schedule	V/E	Compliance Achieved	10/15/2020
CAMP ABE LINCOLN	210	SCOTT	IA8215448	TNC	202100635	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/15/2021
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	202100014	Chlorine	30-Jun-20	Operations Report	RPT	Compliance Achieved	7/23/2020

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CAMP INGAWANIS-MAPLE WELL	402	BREMER	IA0990401	TNC	202000913	Failure to conduct Public Notice	05-Jan-20	Public Notice Rule Linked to Violation	PN	NOV Issued	2/18/2020
CAMP INGAWANIS-MAPLE WELL	402	BREMER	IA0990401	TNC	202000914	Failure to conduct Public Notice	21-Jan-20	Public Notice Rule Linked to Violation	PN	NOV Issued	2/18/2020
CAMP INGAWANIS-RANGER WELL	150	BREMER	IA0990402	TNC	202100299	Failure to conduct Level 1 Assessment	30-Nov-20	Level 1 Assessment, Multiple TC+ (RTCR)	TT	NOV Issued	2/2/2021
CAMP JUSTICE LLC	122	WINNESHIEK	IA9606201	TNC	202001457	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/18/2020
CAMP SHALOM	120	JACKSON	IA4950401	TNC	202001778	Failure to complete Start-Up Procedures	01-May-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/12/2020
CARD, INC.	50	BUTLER	IA1228803	TNC	202001764	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/22/2020
CARD, INC.	50	BUTLER	IA1228803	TNC	202001588	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/16/2020
CARD, INC.	50	BUTLER	IA1228803	TNC	202002078	Failure to conduct Public Notice	01-Sep-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/22/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202000891	E. coli	31-Jan-20	Monitoring (GWR) AS, Major	MON	Compliance Achieved	2/25/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202000892	E. coli	31-Jan-20	Monitoring (GWR) AS, Major	MON	Compliance Achieved	2/25/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202001977	Failure to issue Consumer Confidence Report	01-Jul-20	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/31/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202001854	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/28/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202001855	Nitrate (as N)	31-Jul-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/29/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202001856	E. coli	31-Jul-20	Monitoring (GWR) AS, Major	MON	Compliance Achieved	10/26/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202002045	Total Haloacetic Acids (HAA5)	31-Jul-20	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202002046	Total Trihalomethanes (TTHM)	31-Jul-20	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202002043	E. coli	31-Aug-20	Monitoring (GWR) AS, Major	MON	Compliance Achieved	10/26/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202002044	Nitrate (as N)	31-Aug-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/29/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202002047	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/28/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202002048	E. coli	31-Aug-20	Monitoring (GWR) AS, Major	MON	Compliance Achieved	10/26/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202100034	Failure to meet Certified Operator Requirement	24-Sep-20	Certified Operator Requirement	STA	Compliance Achieved	2/10/2021
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202100134	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/28/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202100135	E. coli	30-Sep-20	Monitoring (GWR) AS, Major	MON	Compliance Achieved	10/26/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202100136	E. coli	30-Sep-20	Monitoring (GWR) AS, Major	MON	Compliance Achieved	10/26/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202100137	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/29/2020
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202100353	Manganese	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/26/2020

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CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202100476	Operations Report	30-Sep-20	Reporting (RPT)	RPT	Compliance Achieved	2/11/2021
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	202100709	Operations Report	31-Dec-20	Reporting (RPT)	RPT	Compliance Achieved	2/11/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202000920	Failure to conduct Public Notice	16-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202001078	Failure to conduct Public Notice	24-Mar-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202001313	Failure to conduct Public Notice	26-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202001904	Failure to conduct Public Notice	16-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	8/20/2020
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202100431	Failure to conduct Public Notice	16-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2020
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202100347	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/28/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202100510	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/28/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202100630	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/28/2021
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	202100694	Chlorine	31-Dec-20	Operations Report	RPT	NOV Issued	1/22/2021
CEDAR RIDGE VINEYARDS	470	JOHNSON	IA5285210	TNC	202001686	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/2/2020
CEDAR RIDGE VINEYARDS	470	JOHNSON	IA5285210	TNC	202100659	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/28/2021
CEDAR VALLEY GOLF	27	CEDAR	IA1689202	TNC	202001055	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/19/2020
CEDARCREST GOLF & COUNTRY CLUB	146	LOUISA	IA5815825	TNC	202001630	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/14/2020
CENTER JUNCTION (EIRUSS)	111	JONES	IA5315005	CWS	202001730	Chlorine	30-Jun-20	Operations Report	RPT	Compliance Achieved	7/5/2020
CENTRAL PARK - JONES CONSERVATION	260	JONES	IA5315967	TNC	202000973	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/9/2020
CENTRAL WATER WORKS	27	WEBSTER	IA9400801	CWS	202000820	Failure to conduct Public Notice	01-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/13/2020
CHASE MOBILE HOME PARK	85	HARDIN	IA4260602	CWS	202001981	Failure to issue Consumer Confidence Report	01-Jul-20	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/14/2020
CHELSEA WATER SUPPLY	267	TAMA	IA8609019	CWS	202000851	Failure to issue Lead Consumer Notice	30-Jan-20	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/10/2020
CHRISTIAN CONFERENCE CENTER	146	JASPER	IA5059401	TNC	202100389	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/11/2020
CLARION WATER SUPPLY	2850	WRIGHT	IA9909031	CWS	202100170	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
CLARION WATER SUPPLY	2850	WRIGHT	IA9909031	CWS	202100171	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
CLARKS FERRY	52	MUSCATINE	IA7038402	TNC	202001787	Failure to complete Start-Up Procedures	01-May-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/7/2020
CLARMOND COUNTRY CLUB	35	WRIGHT	IA9905872	TNC	202001767	Failure to complete Start-Up Procedures	31-Mar-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/10/2020
CLARMOND COUNTRY CLUB	35	WRIGHT	IA9905872	TNC	202002082	Failure to conduct Public Notice	01-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	9/17/2020

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CLAYTON CO LAW ENFORCEMENT CENTER	30	CLAYTON	IA2223905	TNC	202100193	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/7/2020
CLERMONT WATER SUPPLY	642	FAYETTE	IA3317047	CWS	202002027	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/17/2020
CLERMONT WATER SUPPLY	642	FAYETTE	IA3317047	CWS	202100290	Copper	30-Sep-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/10/2020
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202001401	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/22/2020
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202001402	Nitrate (as N)	31-May-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/24/2020
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202001587	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/22/2020
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202002020	Nitrate (as N)	31-Aug-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/16/2020
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202100219	Failure to conduct Public Notice	21-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2020
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	202100220	Failure to conduct Public Notice	21-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2020
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202000970	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/17/2020
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202001077	Failure to conduct Public Notice	21-Mar-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202001422	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/30/2020
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202001704	Failure to conduct Public Notice	21-Jun-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202002033	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/2/2020
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202100231	Failure to conduct Public Notice	28-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202100679	Failure to conduct Public Notice	22-Dec-20	Public Notice Rule Linked to Violation	PN	NOV Issued	1/28/2021
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	202100628	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/28/2021
COCKLIN FISH FARM	65	CASS	IA1509901	TNC	202100286	Nitrate (as N)	30-Nov-20	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/5/2020
COMMUNITY CHURCH OF KAMRAR	167	HAMILTON	IA4033801	TNC	202100397	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/11/2020
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	202002063	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/28/2020
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	202100194	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/28/2020
CORALVILLE LAKE-SANDY BEACH	147	JOHNSON	IA5225499	TNC	202001623	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/9/2020
CORALVILLE LAKE-SUGAR BOTTOM	689	JOHNSON	IA5225498	TNC	202001622	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/9/2020
CORALVILLE LAKE-WEST OVERLOOK	861	JOHNSON	IA5225411	TNC	202001621	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/9/2020
CORNER MARKET CORPORATION OF NEW MELLERAY	252	SCOTT	IA8258201	TNC	202001463	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2020
	90	DUBUQUE	IA3100899	CWS	202001342	Chlorine	30-Apr-20	Operations Report	RPT	Compliance Achieved	6/10/2020

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
CORPORATION OF NEW MELLERAY	90	DUBUQUE	IA3100899	CWS	202100045	Chlorine	30-Sep-20	Operations Report	RPT	Compliance Achieved	10/14/2020
COUNTRY CELEBRATIONS EVENT CENTER	200	PLYMOUTH	IA7528201	TNC	202002003	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	12/22/2020
CRAIG WATER WORKS	95	PLYMOUTH	IA7521084	CWS	202001976	Failure to issue Consumer Confidence Report	01-Jul-20	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2020
CRAIG WATER WORKS	95	PLYMOUTH	IA7521084	CWS	202100142	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
CRAIG WATER WORKS	95	PLYMOUTH	IA7521084	CWS	202100143	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
CRAIG WATER WORKS	95	PLYMOUTH	IA7521084	CWS	202100434	Failure to conduct Public Notice	27-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	1/27/2021
CRAWFORD CREEK PARK	250	IDA	IA4728957	TNC	202001420	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/8/2020
CROOKED CREEK CHRISTIAN CAMP	43	WASHINGTON	IA9271801	TNC	202100493	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	3/8/2021
CROOKED CREEK CHRISTIAN CAMP	43	WASHINGTON	IA9271801	TNC	202100641	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/8/2021
CULVERS LAWN AND GARDEN	120	LINN	IA5751202	TNC	202001056	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/27/2020
CULVERS LAWN AND GARDEN	120	LINN	IA5751202	TNC	202001057	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/27/2020
D & M ADDITION	80	LINN	IA5784318	CWS	202001027	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/28/2020
D & M ADDITION	80	LINN	IA5784318	CWS	202001905	Failure to conduct Public Notice	20-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	8/20/2020
DAIRY MART	62	WASHINGTON	IA9203763	TNC	202001655	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2020
DAWSON WATER WORKS	131	DALLAS	IA2525010	CWS	202100091	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/7/2020
DAYBREAK FOODS EAGLE GROVE COMPLEX	210	WRIGHT	IA9926801	NTNC	202100025	Copper	31-Dec-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/6/2020
DAYBREAK FOODS INC	65	PALO ALTO	IA7445101	NTNC	202100790	Manganese	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/17/2021
DAYTON MUNICIPAL WATER SUPPLY	838	WEBSTER	IA9425011	CWS	202100235	Failure to conduct Public Notice	01-Oct-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/18/2020
DE SOTO WATER SUPPLY	1050	DALLAS	IA2529035	CWS	202100294	Operations Report	30-Sep-20	Reporting (RPT)	RPT	Compliance Achieved	11/1/2020
DECORAH FISH HATCHERY	50	WINNESHIEK	IA9630902	TNC	202001285	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/5/2020
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	202000986	Failure to conduct Public Notice	02-Feb-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/17/2020
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	202000994	Selenium	31-Mar-20	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/5/2021
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	202001393	Selenium	30-Jun-20	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/5/2021
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	202001975	Failure to issue Consumer Confidence Report	01-Jul-20	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2020
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	202002104	Selenium	30-Sep-20	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/5/2021
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	202100554	Selenium	31-Dec-20	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/5/2021

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
DEER RIDGE HOMEOWNERS WATER ASSC.	94	LINN	IA5765303	CWS	202100399	Diquat	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/19/2020
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	202001673	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/4/2020
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	202001875	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/4/2020
DESOTO BEND MINI MART	87	POTTAWATTAMIE	IA4344202	TNC	202100386	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/16/2020
DIKE WATER SUPPLY	1210	GRUNDY	IA3815042	CWS	202001613	Nitrite (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/21/2020
DIVIDE HILL BAR & GRILL	50	MONONA	IA6715203	TNC	202100204	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2020
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	202001316	Failure to conduct Public Notice	20-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/22/2020
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	202001192	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	12/22/2020
DOON WATER SUPPLY	577	LYON	IA6015047	CWS	202002042	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/9/2020
DOT-4 (I-680 RA 023S LOVELAND)	175	POTTAWATTAMIE	IA7838715	TNC	202002105	Failure to conduct Level 1 Assessment	30-Sep-20	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	11/2/2020
DOW CITY WATER WORKS	510	CRAWFORD	IA2427049	CWS	202000871	Nitrate (as N)	31-Jan-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/10/2020
DOW CITY WATER WORKS	510	CRAWFORD	IA2427049	CWS	202001409	Nitrate (as N)	31-May-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/9/2020
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202001211	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	NOV Issued	6/18/2020
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202001441	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/17/2020
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202001907	Failure to conduct Public Notice	22-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2020
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202001868	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/5/2020
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202100241	Failure to conduct Public Notice	22-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/22/2020
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	202100172	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/6/2020
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	202001227	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/6/2020
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	202100180	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/23/2020
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	202100394	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/23/2020
DYERSVILLE GOLF AND COUNTRY CLUB	40	DUBUQUE	IA3130883	TNC	202001100	Nitrate (as N)	31-May-20	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/6/2020
EAGLES NEST TAP LLC	42	WASHINGTON	IA9212201	TNC	202100060	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	12/9/2020
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202001779	Failure to complete Start-Up Procedures	01-Apr-20	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/30/2020
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202001357	Failure to conduct Level 1 Assessment	31-May-20	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	NOV Issued	8/18/2020
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202001697	E. coli	07-Jun-20	Monitoring (GWR) TG	MON	Compliance	8/18/2020

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								and AD, Major		Achieved	
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202001620	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	7/16/2020
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202002032	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	9/18/2020
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202100118	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/20/2020
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202100426	Failure to conduct Public Notice	20-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	202100339	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/18/2020
EIP MANUFACTURING, LLC	60	DELAWARE	IA2825101	NTNC	202000979	Nitrate (as N)	29-Feb-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/16/2020
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	202001836	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/17/2020
ELLIOTT WATER SUPPLY	350	MONTGOMERY	IA6915015	CWS	202100002	Failure to issue Consumer Confidence Report	30-Sep-20	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/30/2020
E-STOP	63	MILLS	IA6520201	TNC	202001674	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/21/2020
E-STOP	63	MILLS	IA6520201	TNC	202100648	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/11/2021
EXPRESS MART	25	MUSCATINE	IA7048201	TNC	202100212	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/20/2020
F B & COMPANY	42	LINN	IA5720201	TNC	202000912	E. coli	02-Jan-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/23/2020
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	202000951	Lead	30-Jun-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	3/6/2020
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	202100019	Failure to meet Compliance Schedule	30-Sep-20	Variance/Exemption/Compliance Schedule	V/E	BCA Signed	3/18/2021
FAWN CREEK COUNTRY CLUB	50	JONES	IA5307811	TNC	202001695	E. coli	07-Jun-20	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	2/24/2021
FC UNITED SOCCER CLUB INC	100	LINN	IA5715215	TNC	202001333	Failure to conduct Public Notice	26-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2020
FC UNITED SOCCER CLUB INC	100	LINN	IA5715215	TNC	202001334	Failure to conduct Public Notice	26-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2020
FERTILE MUNICIPAL WATER	370	WORTH	IA9820010	CWS	202100169	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/5/2020
FERTILE MUNICIPAL WATER	370	WORTH	IA9820010	CWS	202100381	Nitrogen-Ammonia (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/18/2020
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	202000982	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/4/2020
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	202001877	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/30/2020
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	202002061	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/30/2020
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	202100650	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/11/2021
FLOYD CONVENIENCE STORE	914	FLOYD	IA3414201	TNC	202001666	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/18/2020
FLOYD CONVENIENCE STORE	914	FLOYD	IA3414201	TNC	202100183	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/2/2020

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FLYING J NO 572	1892	HAMILTON	IA4070204	NTNC	202000949	Lead	30-Jun-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	12/1/2020
FLYING J NO 572	1892	HAMILTON	IA4070204	NTNC	202000950	Copper	30-Jun-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	3/5/2020
FOREST OAK PROPERTIES	109	JOHNSON	IA5285209	TNC	202100201	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/27/2020
FORT ATKINSON WATER WORKS	402	WINNESHIEK	IA9641049	CWS	202001982	Failure to meet Compliance Schedule	31-Jul-20	Variance/Exemption/Compliance Schedule	V/E	NOV Issued	9/11/2020
FORT DODGE ASPHALT	26	WEBSTER	IA9433102	TNC	202000928	Failure to conduct Public Notice	21-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
FREMONT GOLF COURSE	129	FREMONT	IA3661884	TNC	202001023	Failure to complete Start-Up Procedures	29-Feb-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/14/2020
FREMONT GOLF COURSE	129	FREMONT	IA3661884	TNC	202001841	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2020
FREMONT GOLF COURSE	129	FREMONT	IA3661884	TNC	202100334	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/21/2021
FUNCREST	25	JOHNSON	IA5225203	TNC	202001220	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/30/2020
FUNCREST	25	JOHNSON	IA5225203	TNC	202101144	Chlorine	30-Sep-20	Monitoring (MOR)	MON	Compliance Achieved	11/10/2020
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202000741	Arsenic	31-Mar-20	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202001088	Arsenic	30-Jun-20	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202001973	Failure to meet Compliance Schedule	10-Sep-20	Variance/Exemption/Compliance Schedule	V/E	BCA Signed	5/8/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202001758	Arsenic	30-Sep-20	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	202100264	Arsenic	31-Dec-20	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GARDEN GROVE WATER SUPPLY	219	DECATUR	IA2725073	CWS	202000858	Failure to issue Lead Consumer Notice	30-Jan-20	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/25/2020
GARDEN GROVE WATER SUPPLY	219	DECATUR	IA2725073	CWS	202001594	Nitrite (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/22/2020
GARNAVILLO WATER SUPPLY	745	CLAYTON	IA2234074	CWS	202001127	Sodium	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/16/2020
GARNAVILLO WATER SUPPLY	745	CLAYTON	IA2234074	CWS	202001128	Sodium	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/16/2020
GO THE DISTANCE BASEBALL LLC	25	DUBUQUE	IA3130203	TNC	202100268	Nitrate (as N)	31-Oct-20	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	10/26/2020
GO THE DISTANCE BASEBALL LLC	25	DUBUQUE	IA3130203	TNC	202100285	Nitrate (as N)	30-Nov-20	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/5/2020
GO THE DISTANCE BASEBALL LLC	25	DUBUQUE	IA3130203	TNC	202100479	Nitrate (as N)	31-Dec-20	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	12/11/2020
GRAND VIEW RESORT	35	PALO ALTO	IA2100625	TNC	202001591	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/27/2020
GRAND VIEW RESORT	35	PALO ALTO	IA2100625	TNC	202001835	Manganese	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	8/25/2020
GRAND VIEW RESORT	35	PALO ALTO	IA2100625	TNC	202100324	Manganese	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/2/2020
GRANGER MUNI WATER SUPPLY	1244	DALLAS	IA2537001	CWS	202100616	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/25/2021

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GRANGER MUNI WATER SUPPLY	1244	DALLAS	IA2537001	CWS	202100687	Copper	31-Dec-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed Compliance Achieved	2/25/2021
GRANGER MUNI WATER SUPPLY	1244	DALLAS	IA2537001	CWS	202100699	Chlorine	31-Dec-20	Monitoring (MOR)	MON	BCA Signed Compliance Achieved	2/1/2021
GREEN BRIER SUBDIVISION	45	DUBUQUE	IA3126307	CWS	202100052	Lead	30-Sep-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed Compliance Achieved	10/21/2020
HARCOURT WATER SUPPLY	307	WEBSTER	IA9442027	CWS	202000822	Failure to conduct Public Notice	01-Jan-20	Public Notice Rule Linked to Violation	PN	BCA Signed Compliance Achieved	1/26/2020
HARRIS WATER SUPPLY	170	OSCEOLA	IA7222034	CWS	202100359	Copper	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/2/2020
HARRIS WATER SUPPLY	170	OSCEOLA	IA7222034	CWS	202100360	Lead	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/2/2020
HART RIDGE GOLF COURSE	167	DELAWARE	IA2839203	TNC	202100645	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/28/2021
HART RIDGE GOLF COURSE	167	DELAWARE	IA2839203	TNC	202100646	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/28/2021
HAVELOCK WATER SUPPLY	138	POCAHONTAS	IA7609039	CWS	202100362	Diquat	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/24/2020
HERITAGE OAKS GOLF & COUNTRY CLUB	60	LOUISA	IA5879826	TNC	202001852	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/12/2020
HERITAGE RESIDENCE	50	CHICKASAW	IA1900901	NTNC	202100086	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
HERITAGE RESIDENCE	50	CHICKASAW	IA1900901	NTNC	202100087	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
HIDDEN RIVER CAMPGROUNDS	101	CEDAR	IA1689401	TNC	202100700	Chlorine	30-Sep-20	Monitoring (MOR)	MON	NOV Issued	12/22/2020
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	202001327	Failure to conduct Public Notice	25-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
HILLSBORO WATER WORKS	234	HENRY	IA4425032	CWS	202100107	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/26/2020
HILLSBORO WATER WORKS	234	HENRY	IA4425032	CWS	202100108	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/26/2020
HILLSBORO WATER WORKS	234	HENRY	IA4425032	CWS	202100689	Operations Report	31-Oct-20	Reporting (RPT)	RPT	Compliance Achieved	12/1/2020
HILLTOP ROAD ASSOCIATION #1	45	MUSCATINE	IA7048392	CWS	202100356	Copper	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
HILLTOP ROAD ASSOCIATION #1	45	MUSCATINE	IA7048392	CWS	202100357	Lead	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	202001070	Failure to conduct Public Notice	30-Mar-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/27/2020
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	202001071	Failure to conduct Public Notice	30-Mar-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/27/2020
HIM HEARTH N HOME COOKING	57	WASHINGTON	IA9233205	TNC	202100414	E. coli	11-Oct-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	12/8/2020
HOMESTEAD WATER SUPPLY	148	IOWA	IA4830036	CWS	202101146	Operations Report	30-Sep-20	Reporting (RPT)	RPT	Compliance Achieved	12/10/2020
HUNTS CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202001298	Failure to conduct Public Notice	23-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
HUNTS CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202001405	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/30/2020
HUNTS CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202100222	Failure to conduct Public Notice	28-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020

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
HUNTS CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202100083	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/20/2020
HUNTS CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	202100321	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/18/2020
HWH CORPORATION (WEST)	50	CEDAR	IA7078101	NTNC	202001870	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2020
INTERSTATE PARK	50	MITCHELL	IA6663903	TNC	202001891	E. coli	18-Jul-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/5/2020
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	202001553	Lead	30-Sep-20	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	7/15/2020
IOWA CITY MHP LLC	280	JOHNSON	IA5200601	CWS	202101147	Operations Report	30-Sep-20	Reporting (RPT)	RPT	NOV Issued	1/11/2021
IOWA-AMERICAN WTR CO-CLINTON DISTRICT	27185	CLINTON	IA2326048	CWS	202100326	Gross Alpha, excluding Rn & U	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/30/2020
JACKSON HEIGHTS GOLF COURSE	72	WINNESHIEK	IA9661201	TNC	202001225	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/5/2020
JACKSON HEIGHTS GOLF COURSE	72	WINNESHIEK	IA9661201	TNC	202001226	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/1/2020
JACKSON HEIGHTS GOLF COURSE	72	WINNESHIEK	IA9661201	TNC	202001714	Failure to conduct Public Notice	22-Jun-20	Public Notice Rule Linked to Violation	PN	NOV Issued	7/16/2020
JEFFERSON COUNTY RURAL WATER DISTRICT	468	JEFFERSON	IA5131705	CWS	202100688	Chlorine	31-Oct-20	Monitoring (MOR)	MON	Compliance Achieved	12/1/2020
JEFFERSON WATER DEPARTMENT	4373	GREENE	IA3742004	CWS	202001418	Total Haloacetic Acids (HAA5)	30-Apr-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	5/13/2020
JEFFERSON WATER DEPARTMENT	4373	GREENE	IA3742004	CWS	202001419	Total Trihalomethanes (TTHM)	30-Apr-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	5/13/2020
JERICO JOS	28	CHICKASAW	IA1951201	TNC	202100179	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/20/2020
JOHN DEERE DUBUQUE WORKS	3000	DUBUQUE	IA3126116	NTNC	202001021	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2020
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	202000930	Failure to conduct Public Notice	20-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/4/2020
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	202000989	Failure to conduct Public Notice	23-Feb-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/4/2020
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202100126	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/27/2020
JONES COUNTY LOCAL	50	JONES	IA5307728	TNC	202100507	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/9/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202000927	Failure to conduct Public Notice	16-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202001493	Chlorine	31-May-20	Operations Report	RPT	NOV Issued	6/24/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202001713	Failure to conduct Public Notice	02-Jun-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202001770	Chlorine	30-Jun-20	Operations Report	RPT	NOV Issued	7/21/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202001909	Failure to conduct Public Notice	16-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202100015	Chlorine	31-Aug-20	Operations Report	RPT	NOV Issued	9/15/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202100267	Chlorine	30-Sep-20	Operations Report	RPT	NOV Issued	10/12/2020
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202100437	Failure to conduct Public Notice	16-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020

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JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	202100305	Chlorine	31-Oct-20	Operations Report	RPT	NOV Issued	11/16/2020
K&M KORNER	50	BLACK HAWK	IA0712204	TNC	202100182	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/14/2020
KALONA WATER DEPT	2363	WASHINGTON	IA9233012	CWS	202101149	Operations Report	31-Jan-20	Reporting (RPT)	RPT	Compliance Achieved	9/10/2020
KELLEY WATER SUPPLY	309	STORY	IA8548016	CWS	202100301	Lead	30-Sep-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/20/2020
KENDALLVILLE PARK	50	WINNESHIEK	IA9615901	TNC	202001656	Nitrate (as N)	30-Jun-20	Monitoring (Chem- Rad), Routine Major	MON	Compliance Achieved	7/14/2020
KESWICK WATER SYSTEM	252	KEOKUK	IA5442029	CWS	202100557	Chlorine	30-Nov-20	Monitoring (MOR)	MON	Compliance Achieved	1/10/2021
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	202100446	Nitrite (as N)	30-Nov-20	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/19/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202000873	Coliform bacteria	31-Jan-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	2/18/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202000938	Chlorine	31-Jan-20	Operations Report	RPT	NOV Issued	2/18/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202000935	Failure to meet Certified Operator Requirement	05-Feb-20	Certified Operator Requirement	STA	NOV Issued	2/10/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202000968	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	3/17/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001086	Chlorine	29-Feb-20	Operations Report	RPT	NOV Issued	4/23/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001074	Failure to conduct Public Notice	24-Mar-20	Public Notice Rule Linked to Violation	PN	NOV Issued	4/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001017	Nitrate (as N)	31-Mar-20	Monitoring (Chem- Rad), Routine Major	MON	NOV Issued	4/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001018	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	4/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001087	Chlorine	31-Mar-20	Operations Report	RPT	NOV Issued	4/24/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001303	Failure to conduct Public Notice	26-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001135	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	5/19/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001341	Chlorine	30-Apr-20	Operations Report	RPT	NOV Issued	5/19/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001475	Failure to conduct Public Notice	22-May-20	Public Notice Rule Linked to Violation	PN	NOV Issued	6/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001411	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	6/17/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001490	Chlorine	31-May-20	Operations Report	RPT	NOV Issued	6/24/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001701	Failure to conduct Public Notice	21-Jun-20	Public Notice Rule Linked to Violation	PN	NOV Issued	7/22/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001598	Nitrate (as N)	30-Jun-20	Monitoring (Chem- Rad), Routine Major	MON	NOV Issued	7/24/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001599	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	7/24/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001761	Chlorine	30-Jun-20	Operations Report	RPT	NOV Issued	7/14/2020

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KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001899	Failure to conduct Public Notice	20-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	8/20/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001900	Failure to conduct Public Notice	20-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	8/20/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001838	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	8/21/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001933	Chlorine	31-Jul-20	Operations Report	RPT	NOV Issued	8/17/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001989	Failure to issue Consumer Confidence Report	31-Jul-20	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202002079	Failure to conduct Public Notice	23-Aug-20	Public Notice Rule Linked to Violation	PN	NOV Issued	9/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202001993	Chlorine	31-Aug-20	Operations Report	RPT	NOV Issued	9/15/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202002025	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	9/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100095	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100096	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100227	Failure to conduct Public Notice	21-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100040	Chlorine	30-Sep-20	Operations Report	RPT	NOV Issued	10/12/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100094	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100097	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100420	Failure to conduct Public Notice	28-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100421	Failure to conduct Public Notice	28-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100303	Chlorine	31-Oct-20	Operations Report	RPT	NOV Issued	11/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100329	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/18/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100529	Failure to conduct Public Notice	25-Nov-20	Public Notice Rule Linked to Violation	PN	NOV Issued	12/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100502	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100542	Chlorine	30-Nov-20	Operations Report	RPT	NOV Issued	12/16/2020
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100674	Failure to conduct Public Notice	20-Dec-20	Public Notice Rule Linked to Violation	PN	NOV Issued	1/20/2021
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100569	Chlorine	31-Dec-20	Operations Report	RPT	NOV Issued	1/19/2021
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100617	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/20/2021
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	202100618	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/20/2021
KNIERIM WATER SUPPLY	60	CALHOUN	IA1340001	CWS	202100038	Nitrite (as N)	31-Oct-20	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	10/9/2020

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KNIERIM WATER SUPPLY	60	CALHOUN	IA1340001	CWS	202100298	Nitrite (as N)	30-Nov-20	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/13/2020
KOCH FERTILIZER LLC	30	WOODBURY	IA9774102	TNC	202001664	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2020
KROUL FARMS	55	LINN	IA5758203	TNC	202100209	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/20/2020
LAKE MACBRIDE GOLF COURSE	45	JOHNSON	IA5282803	TNC	202101151	Chlorine	28-Feb-20	Monitoring (MOR)	MON	Compliance Achieved	9/10/2020
LAKE MACBRIDE GOLF COURSE	45	JOHNSON	IA5282803	TNC	202001165	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/4/2020
LAKE ODESSA CABIN OWNERS ASSOC.	31	LOUISA	IA5879424	TNC	202002002	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/14/2020
LAKESIDE NATIONAL GOLF CLUB	30	GREENE	IA3730886	TNC	202001417	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2020
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000821	Failure to conduct Public Notice	01-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/19/2020
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000922	Failure to conduct Public Notice	26-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000923	Failure to conduct Public Notice	26-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202000924	Failure to conduct Public Notice	26-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202001709	Failure to conduct Public Notice	01-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/17/2020
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202100304	Lead	30-Sep-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/18/2020
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202100538	Failure to conduct Public Notice	23-Nov-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202100539	Failure to conduct Public Notice	23-Nov-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	202100540	Failure to conduct Public Notice	23-Nov-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
LAKOTA WATER SUPPLY	255	KOSSUTH	IA5540049	CWS	202100454	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	11/30/2020
LAKOTA WATER SUPPLY	255	KOSSUTH	IA5540049	CWS	202100455	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	11/30/2020
LAWLER WATER SUPPLY	439	CHICKASAW	IA1957064	CWS	202100322	Nitrite (as N)	31-Oct-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/5/2020
LAWLER WATER SUPPLY	439	CHICKASAW	IA1957064	CWS	202100323	Nitrite (as N)	31-Oct-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/5/2020
LAZY SUSAN CAMPGROUND	70	CLAYTON	IA2268601	TNC	202001882	Nitrate (as N)	31-Jul-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/14/2020
LAZY SUSAN CAMPGROUND	70	CLAYTON	IA2268601	TNC	202001883	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/14/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202001356	Nitrate (as N)	31-May-20	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	12/14/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202001094	Nitrate (as N)	30-Jun-20	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	12/14/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202001522	Nitrate (as N)	30-Jun-20	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	12/14/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202001919	Failure to conduct Public Notice	10-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/17/2020

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LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202001920	Failure to conduct Public Notice	24-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/17/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202001744	Nitrate (as N)	31-Jul-20	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	12/14/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202001931	Nitrate (as N)	31-Aug-20	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	12/14/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202100035	Nitrate (as N)	30-Sep-20	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	12/14/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202100279	Failure to meet Compliance Schedule	30-Sep-20	Variance/Exemption/Compliance Schedule	V/E	Compliance Achieved	11/16/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202100410	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/18/2020
LAZY T CAMPGROUND	25	DELAWARE	IA2839401	TNC	202100411	Nitrate (as N)	31-Oct-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/18/2020
LD'S BAR & GRILL	72	LOUISA	IA9203754	TNC	202100640	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/22/2021
LEHIGH CEMENT COMPANY LLC	142	CERRO GORDO	IA1750196	NTNC	202000937	Failure to Maintain Minimum Chlorine Residual	31-Jan-20	Failure to Maintain Microbial Treatment	TT	Compliance Achieved	2/20/2020
LEHIGH CEMENT COMPANY LLC	142	CERRO GORDO	IA1750196	NTNC	202100084	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
LEHIGH CEMENT COMPANY LLC	142	CERRO GORDO	IA1750196	NTNC	202100085	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/21/2020
LENOX WATER SUPPLY	1442	TAYLOR	IA8748075	CWS	202100636	Total Trihalomethanes (TTHM)	30-Nov-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	2/17/2021
LENOX WATER SUPPLY	1442	TAYLOR	IA8748075	CWS	202100637	Total Haloacetic Acids (HAA5)	30-Nov-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	2/17/2021
LETT'S COMMUNITY BUILDING	27	LOUISA	IA5847001	TNC	202000864	Coliform bacteria	31-Jan-20	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	3/17/2020
LEWIS AND CLARK STATE PARK	67	MONONA	IA6739949	TNC	202100354	Manganese	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/1/2020
LINN HOLLOW MHP LLC	68	WASHINGTON	IA9200601	CWS	202100372	Copper	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
LINN HOLLOW MHP LLC	68	WASHINGTON	IA9200601	CWS	202100373	Lead	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	202100398	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/16/2020
LITTLE BEAR CAMPGROUND	45	CEDAR	IA1677601	CWS	202100794	Sodium	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/4/2021
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	202000894	Coliform bacteria	31-Jan-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/3/2020
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	202000895	Coliform bacteria	31-Jan-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/3/2020
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	202100632	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/7/2021
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	202100633	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/7/2021
LIZARD CREEK RANCH	125	WEBSTER	IA9433801	CWS	202000929	Failure to conduct Public Notice	21-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
LOYAL ORDER OF THE MOOSE LODGE/C RAPIDS	70	LINN	IA5715209	TNC	202100181	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/8/2020
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	202001330	Failure to conduct Public Notice	21-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020

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LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	202001768	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/24/2020
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	202002086	Failure to conduct Public Notice	01-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	9/17/2020
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	202100522	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/16/2020
LUNDS CAMP INC	72	ALLAMAKEE	IA0300641	TNC	202001474	E. coli	30-May-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	6/1/2020
LYON-SIOUX RWS-BIG SIOUX	1445	LYON	IA6000755	CWS	202100132	Nitrite (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/13/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001245	Benzene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001246	Carbon Tetrachloride	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001247	o-Dichlorobenzene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001248	p-Dichlorobenzene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001249	1,2-Dichloroethane	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001250	cis-1,2-Dichloroethylene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001251	1,1-Dichloroethylene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001252	trans-1,2-Dichloroethylene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001253	Dichloromethane	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001254	1,2-Dichloropropane	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001255	Ethylbenzene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001256	Monochlorobenzene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001257	Styrene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001258	Tetrachloroethylene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001259	Toluene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001260	1,2,4-Trichlorobenzene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001261	1,1,1-Trichloroethane	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001262	1,1,2-Trichloroethane	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001263	Trichloroethylene	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001264	Vinyl Chloride	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001265	Xylenes	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020

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MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001266	Alachlor (Lasso)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001267	Atrazine	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001268	2,4-D	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001269	Di(2-Ethylhexyl) Adipate	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001270	Di(2-Ethylhexyl) Phthalate	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001271	Pentachlorophenol	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001272	Picloram	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001273	Simazine	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001274	Diquat	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001275	Glyphosate	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MACBRIDE ESTATES DEVELOPMENT	63	JOHNSON	IA5282310	CWS	202001276	Sodium	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/4/2020
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	202000846	Arsenic	31-Mar-20	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	202001093	Arsenic	30-Jun-20	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	202001939	Arsenic	30-Sep-20	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	202100451	Arsenic	31-Dec-20	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MALLARD WATER SUPPLY	279	PALO ALTO	IA7450019	CWS	202000862	Arsenic	31-Mar-20	MCL (Chem-Rad), Average	MCL	BCA Signed	6/2/2020
MALLARD WATER SUPPLY	279	PALO ALTO	IA7450019	CWS	202001372	Arsenic	30-Jun-20	MCL (Chem-Rad), Average	MCL	BCA Signed	6/2/2020
MALLARD WATER SUPPLY	279	PALO ALTO	IA7450019	CWS	202002117	Arsenic	30-Sep-20	MCL (Chem-Rad), Average	MCL	BCA Signed	6/2/2020
MALLARD WATER SUPPLY	279	PALO ALTO	IA7450019	CWS	202100541	Arsenic	31-Dec-20	MCL (Chem-Rad), Average	MCL	BCA Signed	6/2/2020
MANSON WATER SUPPLY	1708	CALHOUN	IA1351027	CWS	202100550	Failure to address a Significant Deficiency	13-Nov-20	Failure Address Deficiency (GWR)	TT	NOV Issued	11/13/2020
MAQUOKETA CAVES STATE PARK #3	50	JACKSON	IA4950923	TNC	202001780	Failure to complete Start-Up Procedures	01-Apr-20	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/30/2020
MAQUOKETA CAVES STATE PARK #3	50	JACKSON	IA4950923	TNC	202100174	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/30/2020
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202001061	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/28/2020
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202001062	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2020
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202001916	Failure to conduct Public Notice	19-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202100197	Nitrate (as N)	30-Sep-20	Monitoring (Chem-	MON	Compliance	1/7/2021

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GRILL LLC								Rad), Routine Major		Achieved	
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202100198	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/7/2021
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202100653	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/7/2021
MARLEE & ME'S BAR AND GRILL LLC	53	JACKSON	IA4982201	TNC	202100654	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/7/2021
MARR PARK	148	WASHINGTON	IA9203461	TNC	202100639	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/4/2021
MARTELLE WATER WORKS	255	JONES	IA5337046	CWS	202100430	Failure to conduct Public Notice	16-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
MASSENA WATER SUPPLY	355	CASS	IA1558055	CWS	202002022	Total Trihalomethanes (TTHM)	31-Jul-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/2/2020
MASSENA WATER SUPPLY	355	CASS	IA1558055	CWS	202002023	Total Haloacetic Acids (HAA5)	31-Jul-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/2/2020
MASSEY FISHERMANS WHARF	52	DUBUQUE	IA3126204	TNC	202100330	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/25/2020
MAYNES GROVE - FRANKLIN CO CONSERVATION	100	FRANKLIN	IA3544401	TNC	202001892	E. coli	04-Jul-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/18/2020
MAYNES GROVE - FRANKLIN CO CONSERVATION	100	FRANKLIN	IA3544401	TNC	202001886	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/18/2020
MECHANICSVILLE WATER DEPT	1146	CEDAR	IA1667076	CWS	202000967	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/30/2020
MECHANICSVILLE WATER DEPT	1146	CEDAR	IA1667076	CWS	202001016	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2020
MECHANICSVILLE WATER DEPT	1146	CEDAR	IA1667076	CWS	202101152	Chlorine	30-Jun-20	Monitoring (MOR)	MON	Compliance Achieved	12/8/2020
MECHANICSVILLE WATER DEPT	1146	CEDAR	IA1667076	CWS	202100289	Failure to maintain Records	18-Sep-20	Recordkeeping Violations (RTCR)	RPT	Compliance Achieved	12/8/2020
MESERVEY WATER SUPPLY	256	CERRO GORDO	IA1754073	CWS	202100016	Chlorine	30-Jun-20	Operations Report	RPT	Compliance Achieved	8/9/2020
MID-MART, INC.	51	DUBUQUE	IA3100740	TNC	202001019	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/13/2020
MID-MART, INC.	51	DUBUQUE	IA3100740	TNC	202001020	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2020
MILES WATER DEPARTMENT MINES OF SPAIN - EB LYONS NATURE CENTER	445	JACKSON	IA4953078	CWS	202001844	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/1/2020
MILES WATER DEPARTMENT MINES OF SPAIN - EB LYONS NATURE CENTER	35	DUBUQUE	IA3126401	TNC	202001022	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/14/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202101153	Chlorine	31-Jan-20	Monitoring (MOR)	MON	Compliance Achieved	6/9/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202000972	Nitrate (as N)	29-Feb-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/17/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202001705	Failure to conduct Public Notice	21-Jun-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/25/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202002118	Failure to issue Consumer Confidence Report	01-Jul-20	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202001903	Failure to conduct Public Notice	16-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202001848	Nitrate (as N)	31-Jul-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/29/2020

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MONTIPARK LLC	60	JONES	IA5300688	CWS	202002034	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/20/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202002035	Nitrate (as N)	31-Aug-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/29/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202002036	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/20/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202100427	Failure to conduct Public Notice	20-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
MONTIPARK LLC	60	JONES	IA5300688	CWS	202100428	Failure to conduct Public Notice	20-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
MONTROSE WATER WORKS	898	LEE	IA5650003	CWS	202001968	Chlorine	30-Apr-20	Operations Report	RPT	Compliance Achieved	6/10/2020
MOOREHEAD PARK #1	150	IDA	IA4728958	TNC	202100273	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/19/2020
MYSTIC WATER SUPPLY	425	APPANOOSE	IA0477040	CWS	202100497	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/18/2020
NAHANT MARSH	210	SCOTT	IA8222402	TNC	202100211	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/27/2020
NASHUA TOWN AND COUNTRY CLUB	60	CHICKASAW	IA1967873	TNC	202001895	E. coli	05-Jul-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/17/2020
NASHUA TOWN AND COUNTRY CLUB	60	CHICKASAW	IA1967873	TNC	202001820	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	9/17/2020
NE IOWA CHRISTIAN SERVICE CAMP	75	BUTLER	IA1222404	TNC	202001833	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/25/2020
NEW COOPERATIVE ROWAN MILL	30	FRANKLIN	IA9958101	NTNC	202001066	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/14/2020
NEW COOPERATIVE, INC (ROELYN)	75	WEBSTER	IA9475101	NTNC	202002075	E. coli	15-Aug-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/24/2020
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	202001590	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/22/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202000980	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/27/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202000981	Nitrate (as N)	29-Feb-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/27/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001047	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/27/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001048	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/27/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001233	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/24/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001234	Nitrate (as N)	30-Apr-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/27/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001715	Failure to conduct Public Notice	21-Jun-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/5/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001716	Failure to conduct Public Notice	21-Jun-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/5/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001671	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/28/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001672	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/28/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001913	Failure to conduct Public Notice	19-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/5/2020

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NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202001914	Failure to conduct Public Notice	19-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/5/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202100023	Nitrate (as N)	06-Aug-20	Monitoring (MOR)	MON	NOV Issued	8/6/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202100024	Failure to consult with DNR	02-Sep-20	Failure to Consult, GWR	RPT	NOV Issued	10/5/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202100438	Failure to conduct Public Notice	20-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202100440	Failure to conduct Public Notice	20-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202100439	Failure to conduct Public Notice	27-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
NEWT'S CAFE	102	MUSCATINE	IA7052204	TNC	202100441	Failure to conduct Public Notice	27-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
NORTH WINNESHIEK COM. SCHOOL	225	WINNESHIEK	IA9630530	NTNC	202001657	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2020
NORTHWOOD ESTATES	52	JOHNSON	IA5225308	CWS	202100343	Copper	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
NORTHWOOD ESTATES	52	JOHNSON	IA5225308	CWS	202100344	Lead	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
OAK RIDGE LAKE ESTATES	88	JOHNSON	IA5225302	CWS	202100254	Failure to Maintain Minimum Chlorine Residual	31-Aug-20	Failure to Maintain Microbial Treatment	TT	Compliance Achieved	1/11/2021
OAK RIDGE LAKE ESTATES	88	JOHNSON	IA5225302	CWS	202100475	Failure to Maintain Minimum Chlorine Residual	30-Sep-20	Failure to Maintain Microbial Treatment	TT	Compliance Achieved	1/11/2021
OAKDALE HOSPITAL WATER SYSTEM	450	JOHNSON	IA5200982	NTNC	202100123	Total Trihalomethanes (TTHM)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2020
OAKDALE HOSPITAL WATER SYSTEM	450	JOHNSON	IA5200982	NTNC	202100124	Total Haloacetic Acids (HAA5)	31-Aug-20	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2020
OBIES	64	JACKSON	IA4938205	TNC	202001311	Failure to conduct Public Notice	20-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
OBIES	64	JACKSON	IA4938205	TNC	202001897	E. coli	04-Jul-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/14/2020
OBIES	64	JACKSON	IA4938205	TNC	202001824	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	9/14/2020
OBIES	64	JACKSON	IA4938205	TNC	202100230	Failure to conduct Public Notice	18-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
OBIES	64	JACKSON	IA4938205	TNC	202100312	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	11/9/2020
OBIES	64	JACKSON	IA4938205	TNC	202100530	Failure to conduct Public Notice	30-Nov-20	Public Notice Rule Linked to Violation	PN	NOV Issued	1/28/2021
ODESSA DELLS	25	LOUISA	IA5879827	TNC	202001178	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/1/2020
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202000915	Failure to conduct Public Notice	20-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/28/2020
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202001609	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/29/2020
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	202100504	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2020
ORCHARD WATER WORKS	71	MITCHELL	IA6668001	CWS	202001853	Nitrogen-Ammonia (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2020
OSCEOLA WATER WORKS	4929	CLARKE	IA2038038	CWS	202100291	Turbidity	30-Aug-20	Monthly Comb Filter Effluent (LT1 ESWTR)	TT	Compliance Achieved	11/1/2020

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OSCEOLA WATER WORKS	4929	CLARKE	IA2038038	CWS	202100292	Turbidity	31-Oct-20	Single Comb Filter Effluent (LT1 ESWTR)	TT	Compliance Achieved	11/1/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202000925	Failure to conduct Public Notice	16-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202000926	Failure to conduct Public Notice	20-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202001321	Failure to conduct Public Notice	26-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202001548	Chlorine	31-May-20	Operations Report	RPT	NOV Issued	6/30/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202001762	Chlorine	30-Jun-20	Operations Report	RPT	NOV Issued	7/21/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202001908	Failure to conduct Public Notice	16-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202001992	Chlorine	31-Jul-20	Operations Report	RPT	NOV Issued	9/1/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202100041	Chlorine	31-Aug-20	Operations Report	RPT	NOV Issued	10/12/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202100042	Chlorine	30-Sep-20	Operations Report	RPT	NOV Issued	10/12/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202100436	Failure to conduct Public Notice	16-Oct-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202100302	Chlorine	31-Oct-20	Operations Report	RPT	NOV Issued	11/16/2020
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	202100390	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2020
OTTOSEN WATER SUPPLY	55	HUMBOLDT	IA4652011	CWS	202100336	Diquat	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/18/2020
OTTOSEN WATER SUPPLY	55	HUMBOLDT	IA4652011	CWS	202100505	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/9/2020
P&K MIDWEST	82	LINN	IA5758201	NTNC	202100043	Chlorine	30-Sep-20	Operations Report	RPT	Compliance Achieved	11/10/2020
P&K MIDWEST	82	LINN	IA5758201	NTNC	202100053	Chlorine	30-Sep-20	Operations Report	RPT	Compliance Achieved	11/10/2020
P.M. PARK TRUSTEES-EAST	152	CERRO GORDO	IA1716422	TNC	202001765	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/31/2020
PALISADES DOWS OBSERVATORY	50	LINN	IA5758401	TNC	202001361	E. coli	31-May-20	MCL, EC+ (RTCR)	MCL	Compliance Achieved	6/22/2020
PALISADES DOWS OBSERVATORY	50	LINN	IA5758401	TNC	202002065	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/23/2020
PALMER WATER SUPPLY	165	POCAHONTAS	IA7622024	CWS	202100748	Manganese	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/25/2021
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	202001444	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/15/2020
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	202001869	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/25/2020
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	202100252	Chlorine	30-Aug-20	Monitoring (MOR)	MON	NOV Issued	10/1/2020
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	202100388	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/2/2020
PAPAS PARADISE CAMPGROUND	27	LOUISA	IA5815801	TNC	202100513	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/17/2020
PARADISE VALLEY RESORT	150	CLAYTON	IA2234601	TNC	202100325	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/18/2020

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PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	202100742	Manganese	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/11/2021
PATTISON SHOP	34	CLAYTON	IA2234101	TNC	202001692	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/27/2020
PERFECT GAME INC	400	LINN	IA5715204	TNC	202002072	E. coli	17-Aug-20	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	9/17/2020
PIERSON WATER SUPPLY	376	WOODBURY	IA9766041	CWS	202100380	Nitrate (as N)	31-Oct-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/17/2020
PINE LAKE CAMPS	205	HARDIN	IA4236404	TNC	202001614	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/30/2020
PINE RIDGE PARK	62	HARDIN	IA4289401	TNC	202001676	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/21/2020
PLEASANT VALLEY MANUFACTURED HOME COMM	350	POLK	IA7767601	CWS	202001046	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/22/2020
PLEASANT VALLEY MANUFACTURED HOME COMM	350	POLK	IA7767601	CWS	202001232	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/22/2020
PLEASANT VALLEY MANUFACTURED HOME COMM	350	POLK	IA7767601	CWS	202001451	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/22/2020
PLEASANT VALLEY MANUFACTURED HOME COMM	350	POLK	IA7767601	CWS	202001871	Copper	30-Jun-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	7/31/2020
PLEASANT VALLEY MANUFACTURED HOME COMM	350	POLK	IA7767601	CWS	202001872	Lead	30-Jun-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	7/31/2020
PLOVER WATER SUPPLY	77	POCAHONTAS	IA7628047	CWS	202001004	Arsenic	31-Mar-20	MCL (Chem-Rad), Average	MCL	BCA Signed	10/20/2020
PLOVER WATER SUPPLY	77	POCAHONTAS	IA7628047	CWS	202001351	Arsenic	30-Jun-20	MCL (Chem-Rad), Average	MCL	BCA Signed	10/20/2020
PLOVER WATER SUPPLY	77	POCAHONTAS	IA7628047	CWS	202100027	Arsenic	30-Sep-20	MCL (Chem-Rad), Average	MCL	BCA Signed	10/20/2020
PLOVER WATER SUPPLY	77	POCAHONTAS	IA7628047	CWS	202100458	Arsenic	31-Dec-20	MCL (Chem-Rad), Average	MCL	BCA Signed	10/20/2020
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	202001299	Failure to conduct Public Notice	21-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	202001300	Failure to conduct Public Notice	21-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	202001781	Failure to complete Start-Up Procedures	01-Apr-20	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/30/2020
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	202001322	Failure to conduct Public Notice	21-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2020
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202000836	Copper	30-Jun-20	AL (Pb/Cu), 90th Percentile	MCL	Lead/Copper DEEM	1/15/2021
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	202000837	Lead	30-Jun-20	AL (Pb/Cu), 90th Percentile	MCL	Lead/Copper DEEM	1/15/2021
POWESHIEK WATER ASSOCIATION (IAC)	2000	IOWA	IA4868701	CWS	202100655	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/4/2021
PULASKI MUNICIPAL WATER DEPT	263	DAVIS	IA2662064	CWS	202001593	Nitrite (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/17/2020
QUAKERDALE	75	HARDIN	IA4271901	CWS	202001083	Failure to conduct Public Notice	01-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/7/2020

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QUAKERDALE	75	HARDIN	IA4271901	CWS	202100243	Failure to conduct Public Notice	01-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/26/2020
R PLACE	25	DELAWARE	IA2843706	TNC	202100525	E. coli	28-Nov-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	12/22/2020
RACCOON RIVER BIBLE CAMP	83	GREENE	IA3759487	TNC	202001612	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/26/2020
RACERS (DBA)	105	KOSSUTH	IA5502203	TNC	202001325	Failure to conduct Public Notice	25-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2020
RAIL ONE USA	70	CLINTON	IA2326108	NTNC	202001804	Copper	30-Sep-20	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/14/2020
RAPID CREEK CIDERY INC	374	JOHNSON	IA5225212	TNC	202001288	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/27/2020
RED BARN RESORT AND CAMPGROUND LLC	71	ALLAMAKEE	IA0300617	TNC	202001573	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/22/2020
RED BARN RESORT AND CAMPGROUND LLC	71	ALLAMAKEE	IA0300617	TNC	202100416	Failure to conduct Public Notice	26-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2020
REMBRANDT FOODS-THOMPSON	140	WINNEBAGO	IA9585801	NTNC	202002056	Total Trihalomethanes (TTHM)	31-Jul-20	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2020
REMBRANDT FOODS-THOMPSON	140	WINNEBAGO	IA9585801	NTNC	202002057	Total Haloacetic Acids (HAA5)	31-Jul-20	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2020
RENEES ROADHOUSE	52	JOHNSON	IA5260202	TNC	202100415	E. coli	11-Oct-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/30/2020
RESPONSIBLE TRANSPORTATION LLC	25	KEOKUK	IA5475101	NTNC	202100251	Chlorine	30-Aug-20	Monitoring (MOR)	MON	Compliance Achieved	9/10/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202000902	Coliform bacteria	31-Jan-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/27/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202000978	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/27/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202001039	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/27/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202001318	Failure to conduct Public Notice	25-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/25/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202001476	Failure to conduct Public Notice	28-May-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/25/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202001438	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/3/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202002055	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202100166	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202100167	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/3/2020
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	202100643	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/12/2021
RINARD WATER SUPPLY	59	CALHOUN	IA1374086	CWS	202100552	Chlorine	02-Dec-20	Monitoring (MOR)	MON	Compliance Achieved	1/31/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202001467	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/24/2020
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202001468	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/24/2020
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202001469	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/24/2020

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RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202001470	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/24/2020
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202100662	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/27/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202100663	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/27/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202100664	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/27/2021
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	202100665	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/27/2021
RIVER RIDGE GOLF CLUB (OKOBOJI GRILL)	185	BUCHANAN	IA1037899	TNC	202001403	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/22/2020
RIVERSIDE LUTHERAN BIBLE CAMP	320	HAMILTON	IA8584401	TNC	202001037	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/2/2020
RIVERVIEW RIDGE CAMPGROUNDS	80	JONES	IA5343401	TNC	202001355	Nitrate (as N)	31-May-20	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	8/16/2020
RIVERVIEW RIDGE CAMPGROUNDS	80	JONES	IA5343401	TNC	202001486	Nitrate (as N)	30-Jun-20	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	8/16/2020
RIVERVIEW RIDGE CAMPGROUNDS	80	JONES	IA5343401	TNC	202001556	Nitrate (as N)	31-Jul-20	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	8/16/2020
RIVERVIEW RIDGE CAMPGROUNDS	80	JONES	IA5343401	TNC	202001794	Nitrate (as N)	31-Aug-20	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	8/16/2020
RJ THOMAS MANUFACTURING CO INC	75	CHEROKEE	IA1811102	NTNC	202100314	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	12/8/2020
RODMAN WATER SYSTEM	45	PALO ALTO	IA7428022	CWS	202100361	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/24/2020
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202001901	Failure to conduct Public Notice	16-Jul-20	Public Notice Rule Linked to Violation	PN	NOV Issued	8/20/2020
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202100422	Failure to conduct Public Notice	16-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2020
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	202100693	Chlorine	31-Oct-20	Operations Report	RPT	NOV Issued	1/22/2021
ROMANTIX INC	204	MILLS	IA6525204	TNC	202001887	Manganese	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/14/2020
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	202001125	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/27/2020
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	202001297	Failure to conduct Public Notice	30-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	202001834	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/26/2020
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	202100320	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2020
RURAL WATER SYSTEM #1	3300	SIOUX	IA8400722	CWS	202001646	Total Haloacetic Acids (HAA5)	31-May-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	6/3/2020
RURAL WATER SYSTEM #1	3300	SIOUX	IA8400722	CWS	202001647	Total Trihalomethanes (TTHM)	31-May-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	6/3/2020
RUSTIC OAKS HOMEOWNERS ASSN.	100	SCOTT	IA8215399	CWS	202100150	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/21/2020
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	202001839	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/4/2020
SAINTS PETER & PAUL LUTHERAN CHURCH	45	JONES	IA5343805	TNC	202000932	Failure to conduct Public Notice	20-Jan-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020

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SAINTS PETER & PAUL LUTHERAN CHURCH	45	JONES	IA5343805	TNC	202000848	Chlorine	24-Jan-20	Monitoring (MOR)	MON	Compliance Achieved	1/24/2020
SAVOR THE BARN LLC	25	JONES	IA5331202	TNC	202001332	Failure to conduct Public Notice	20-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
SCALES POINTE	71	JOHNSON	IA5200830	TNC	202100122	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/26/2021
SCENIC ACRES	27	CLAYTON	IA2200901	CWS	202001406	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2020
SCENIC ACRES	27	CLAYTON	IA2200901	CWS	202001407	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2020
SCHLESWIG MUNIC WATER SUPPLY	889	CRAWFORD	IA2446029	CWS	202100328	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2020
SCOTT CO-BUFFALO SHORES	150	SCOTT	IA8251903	TNC	202100155	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/12/2020
SHADY CREEK PUBLIC USE AREA 1	62	MUSCATINE	IA7048488	TNC	202001180	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/7/2020
SHADY CREEK PUBLIC USE AREA 1	62	MUSCATINE	IA7048488	TNC	202001636	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/7/2020
SHADY CREEK PUBLIC USE AREA 1	62	MUSCATINE	IA7048488	TNC	202100432	Failure to conduct Public Notice	20-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
SHAGBARK ESTATES	38	DUBUQUE	IA3126345	CWS	202001412	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/5/2020
SHILOH	60	WASHINGTON	IA9233460	CWS	202000977	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/11/2020
SHILOH	60	WASHINGTON	IA9233460	CWS	202001203	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/5/2020
SHILOH	60	WASHINGTON	IA9233460	CWS	202001707	Failure to conduct Public Notice	21-Jun-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
SHILOH	60	WASHINGTON	IA9233460	CWS	202002119	Failure to issue Consumer Confidence Report	01-Jul-20	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2020
SHILOH	60	WASHINGTON	IA9233460	CWS	202002080	Failure to conduct Public Notice	22-Aug-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
SHOPS ABOVE THE WAPSI	65	JONES	IA5307802	TNC	202001624	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/24/2020
SHOPS ABOVE THE WAPSI	65	JONES	IA5307802	TNC	202100127	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/12/2020
SHOPS ABOVE THE WAPSI	65	JONES	IA5307802	TNC	202100429	Failure to conduct Public Notice	20-Oct-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/25/2021
SIOUX RAPIDS WATER DEPARTMENT	777	BUENA VISTA	IA1175056	CWS	202002021	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/3/2020
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	202100506	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/21/2020
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202001521	Nitrate (as N)	30-Jun-20	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/4/2021
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202001748	Nitrate (as N)	31-Jul-20	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/4/2021
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	202100461	Nitrate (as N)	30-Nov-20	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/4/2021
SOUTH ENGLISH WATER SUPPLY	248	KEOKUK	IA5478074	CWS	202000856	Failure to issue Lead Consumer Notice	30-Jan-20	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	1/25/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202001092	Failure to issue Lead Consumer Notice	31-Mar-20	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	5/4/2020

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SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202001336	Failure to conduct Public Notice	26-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202001888	Copper	30-Jun-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	8/21/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202001889	Lead	30-Jun-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	8/21/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202002087	Failure to conduct Public Notice	20-Aug-20	Public Notice Rule Linked to Violation	PN	NOV Issued	9/16/2020
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202100796	Copper	31-Dec-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2021
SOUTHFORK ASSOCIATION	28	BENTON	IA0690306	CWS	202100797	Lead	31-Dec-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2021
SOUTHWEST REG WATER DISTRICT (CLARINDA)	2942	PAGE	IA7383901	CWS	202002049	Total Trihalomethanes (TTHM)	31-Jul-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/14/2020
SOUTHWEST REG WATER DISTRICT (CLARINDA)	2942	PAGE	IA7383901	CWS	202002050	Total Haloacetic Acids (HAA5)	31-Jul-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/14/2020
SPARKYS ONE STOP CALHOUN	400	CALHOUN	IA1376202	TNC	202100206	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/6/2020
SPOOK CAVE AND CAMPGROUND	118	CLAYTON	IA2258443	TNC	202001391	E. coli	30-Jun-20	MCL, EC+ (RTCR)	MCL	Compliance Achieved	7/7/2020
SPOOK CAVE AND CAMPGROUND	118	CLAYTON	IA2258443	TNC	202001392	E. coli	30-Jun-20	MCL, EC+ (RTCR)	MCL	Compliance Achieved	7/7/2020
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	202001044	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2020
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	202001045	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/27/2020
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	202001668	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2020
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	202001910	Failure to conduct Public Notice	20-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/2/2020
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	202001911	Failure to conduct Public Notice	20-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/2/2020
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	202002058	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2020
SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	202001132	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/4/2020
SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	202001133	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/4/2020
SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	202001134	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/4/2020
SPRUCE CREEK PARK # 5	43	JACKSON	IA4910404	TNC	202001320	Failure to conduct Public Notice	02-Apr-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/11/2020
SPRUCE CREEK PARK # 5	43	JACKSON	IA4910404	TNC	202001477	Failure to conduct Public Notice	02-May-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/4/2020
SQUAW CREEK A	154	LINN	IA5720903	TNC	202001893	E. coli	26-Jul-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/10/2020
SQUAW CREEK A	154	LINN	IA5720903	TNC	202002039	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/22/2020
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	202000931	Failure to conduct Public Notice	21-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2020
ST PAULS MAPLE LEAF LUTHERAN CHURCH	90	HOWARD	IA4525801	TNC	202100203	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/16/2020

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STEAMBOAT ASSOCIATION	29	MUSCATINE	IA7048303	CWS	202100355	Sodium	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/20/2020
STOCKPORT WATER SUPPLY	296	VAN BUREN	IA8973095	CWS	202100161	Nitrite (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/2/2020
STOCKPORT WATER SUPPLY	296	VAN BUREN	IA8973095	CWS	202100638	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/7/2021
STONE CITY GENERAL STORE PUB	108	JONES	IA5307201	TNC	202100629	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/27/2021
STONE STATE PARK	150	WOODBURY	IA9778966	TNC	202001440	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/16/2020
STORM LAKE WATER TREATMENT PLANT	10865	BUENA VISTA	IA1178097	CWS	202000739	Failure to address a Significant Deficiency	02-Jan-20	Failure Address Deficiency (GWR)	TT	Compliance Achieved	3/17/2020
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	202001065	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/7/2020
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	202100524	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/14/2020
STUMBLE INN	46	FRANKLIN	IA3509753	TNC	202000916	Failure to conduct Public Notice	21-Jan-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2020
SUNNY BRAE GOLF & COUNTRY CLUB	63	MITCHELL	IA6663201	TNC	202001766	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/3/2020
SUNNY BRAE GOLF & COUNTRY CLUB	63	MITCHELL	IA6663201	TNC	202100352	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/18/2020
SUPER 20 MOBILE HOME PARK	236	DUBUQUE	IA3126603	CWS	202100173	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/10/2020
SUPER 20 MOBILE HOME PARK	236	DUBUQUE	IA3126603	CWS	202100384	Copper	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
SUPER 20 MOBILE HOME PARK	236	DUBUQUE	IA3126603	CWS	202100385	Lead	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
TERRACE HEIGHTS	548	DUBUQUE	IA3126604	CWS	202100044	Chlorine	30-Sep-20	Operations Report	RPT	Compliance Achieved	11/9/2020
TERRACE HEIGHTS	548	DUBUQUE	IA3126604	CWS	202100407	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/17/2020
TERRY WATER ASSOCIATION	25	BENTON	IA0690304	CWS	202001689	Nitrite (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/14/2020
TERRY WATER ASSOCIATION	25	BENTON	IA0690304	CWS	202001690	Nitrite (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/19/2020
TERRY WATER ASSOCIATION	25	BENTON	IA0690304	CWS	202100207	Nitrite (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/14/2020
TERRY WATER ASSOCIATION	25	BENTON	IA0690304	CWS	202100208	Nitrite (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/19/2020
TERRY WATER ASSOCIATION	25	BENTON	IA0690304	CWS	202100409	Nitrogen-Ammonia (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/18/2020
THE GROVE	31	JONES	IA5377727	TNC	202100915	Chlorine	30-Sep-20	Record Keeping	RPT	NOV Issued	10/12/2020
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	202001625	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/7/2020
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	202000919	Failure to conduct Public Notice	20-Jan-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
THE LUCKY FROG BAR & GRILL	25	SCOTT	IA8258702	TNC	202001035	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2020
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	202001675	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/30/2020

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THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	202001876	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/25/2020
THE OUTPOST (DBA)	31	BUTLER	IA1211739	TNC	202100080	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/3/2021
THE OUTPOST (DBA)	31	BUTLER	IA1211739	TNC	202100609	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/3/2021
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	202001238	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/27/2020
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	202100190	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/13/2020
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202000984	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/28/2020
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001063	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/9/2020
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001064	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/28/2020
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001465	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/27/2020
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001717	Failure to conduct Public Notice	21-Jun-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/21/2021
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001684	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/27/2020
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001685	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/9/2020
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001763	Chlorine	30-Jun-20	Operations Report	RPT	Compliance Achieved	1/21/2021
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001917	Failure to conduct Public Notice	20-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/21/2021
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001918	Failure to conduct Public Notice	20-Jul-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/21/2021
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001885	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/27/2020
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202001994	Chlorine	31-Jul-20	Operations Report	RPT	Compliance Achieved	1/21/2021
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202100245	Failure to conduct Public Notice	21-Sep-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/21/2021
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	202100443	Failure to conduct Public Notice	26-Oct-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/21/2021
THOR WATER WORKS	186	HUMBOLDT	IA4680018	CWS	202100730	Radium, Combined (226, 228)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2021
TOGIE PUB	25	HOWARD	IA4564201	TNC	202000875	Coliform bacteria	31-Jan-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2020
TOGIE PUB	25	HOWARD	IA4564201	TNC	202000969	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2020
TOGIE PUB	25	HOWARD	IA4564201	TNC	202001075	Failure to conduct Public Notice	21-Mar-20	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/2/2020
TOLEDO WATER SUPPLY TOWN & COUNTRY AQUA CLUB	2366	TAMA	IA8676027	CWS	202001651	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/14/2020
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	202001445	Failure to complete Start-Up Procedures	31-May-20	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/13/2020
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	202100176	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/21/2020

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TRI-STATE RACEWAY	27	DELAWARE	IA2825201	TNC	202001324	Failure to conduct Public Notice	24-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2020
TURF MASTERS LAWN & LANDSCAPE	40	JOHNSON	IA5225208	TNC	202100189	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/18/2020
TWIN SPRINGS SUPPER CLUB, L.L.C.	52	WINNESHIEK	IA9630211	TNC	202100652	E. coli	31-Dec-20	Monitoring (GWR) AS, Major	MON	Compliance Achieved	1/19/2021
TWIN VALLEY LAKES IMPROVEMENT ASSN	100	JOHNSON	IA5200861	CWS	202100341	Copper	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
TWIN VALLEY LAKES IMPROVEMENT ASSN	100	JOHNSON	IA5200861	CWS	202100342	Lead	30-Sep-20	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2020
UPPER IOWA RESORT & RENTAL	27	ALLAMAKEE	IA0300648	TNC	202001574	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/21/2020
UPPER IOWA RESORT & RENTAL	27	ALLAMAKEE	IA0300648	TNC	202001575	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/21/2020
UPPER IOWA RESORT & RENTAL	27	ALLAMAKEE	IA0300648	TNC	202002018	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/22/2020
UPPER IOWA RESORT & RENTAL	27	ALLAMAKEE	IA0300648	TNC	202002019	Coliform bacteria	31-Aug-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/22/2020
URBAN BLUFFS - NORTH	1515	POTTAWATTAMIE	IA7820701	CWS	202100515	Total Haloacetic Acids (HAA5)	31-Oct-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/12/2021
URBAN BLUFFS - NORTH	1515	POTTAWATTAMIE	IA7820701	CWS	202100516	Total Trihalomethanes (TTHM)	31-Oct-20	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/12/2021
US NAMEPLATE COMPANY INC	40	LINN	IA5758101	NTNC	202001851	Coliform bacteria	31-Jul-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2020
VALERO LAKOTA PLANT	65	KOSSUTH	IA5540101	NTNC	202001698	E. coli	28-Jun-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/6/2020
VALLEY HEIGHTS 1ST ANNEX	78	SCOTT	IA8215305	CWS	202100512	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/21/2020
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202001072	Failure to conduct Public Notice	21-Mar-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202001073	Failure to conduct Public Notice	21-Mar-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202001408	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2020
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202001592	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/30/2020
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202100224	Failure to conduct Public Notice	28-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/5/2020
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202100419	Failure to conduct Public Notice	20-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202100668	E. coli	27-Dec-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/27/2021
VALLEY OAKS	100	CLINTON	IA2326848	TNC	202100615	Nitrate (as N)	31-Dec-20	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/28/2021
VALLEY VIEW WATER ASSOCIATION	70	HARRISON	IA4300601	CWS	202001024	Nitrate (as N)	31-Mar-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/27/2020
VALLEY VIEW WATER ASSOCIATION	70	HARRISON	IA4300601	CWS	202001390	Failure to meet Certified Operator Requirement	01-Apr-20	Certified Operator Requirement	STA	Compliance Achieved	5/26/2020
VALLEY VIEW WATER ASSOCIATION	70	HARRISON	IA4300601	CWS	202100556	Failure to Maintain Minimum Chlorine Residual	31-Dec-20	Failure to Maintain Microbial Treatment	TT	NOV Issued	12/28/2020
VICTOR MUNICIPAL WATER DEPT	893	IOWA	IA4875050	CWS	202100570	Failure to address a Significant Deficiency	31-Dec-20	Failure Address Deficiency (GWR)	TT	Compliance Achieved	1/21/2021

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VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202000964	Coliform bacteria	29-Feb-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/10/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202001120	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/7/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202001400	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/7/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202001699	Failure to conduct Public Notice	21-Jun-20	Public Notice Rule Linked to Violation	PN	NOV Issued	7/22/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202001576	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/7/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202002077	Failure to conduct Public Notice	24-Aug-20	Public Notice Rule Linked to Violation	PN	NOV Issued	9/16/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202100218	Failure to conduct Public Notice	21-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202100065	Coliform bacteria	30-Sep-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202100417	Failure to conduct Public Notice	26-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202100317	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/30/2020
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202100604	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/28/2021
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	202100692	Chlorine	31-Dec-20	Operations Report	RPT	NOV Issued	1/22/2021
WALKER HOMESTEAD FARM AND WINERY	101	JOHNSON	IA5225214	TNC	202002076	E. coli	24-Aug-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/28/2020
WASHINGTON PRAIRIE LUTHERAN CHURCH	124	WINNESHIEK	IA9630809	TNC	202100378	Coliform bacteria	31-Oct-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/23/2020
WASHINGTON WATER DEPARTMENT	7266	WASHINGTON	IA9271068	CWS	202001866	Radium, Combined (226, 228)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/10/2020
WASHINGTON WATER DEPARTMENT	7266	WASHINGTON	IA9271068	CWS	202001867	Gross Alpha, excluding Rn & U	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/10/2020
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	202001677	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/26/2020
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	202100442	Failure to conduct Public Notice	20-Oct-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/18/2020
WEBSTER CITY WATER SUPPLY	8075	HAMILTON	IA4063094	CWS	202001696	E. coli	29-Jun-20	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/2/2020
WELLMAN MUNICIPAL WATERWORKS	1408	WASHINGTON	IA9276096	CWS	202100537	Failure to conduct Public Notice	11-Nov-20	Public Notice Rule Linked to Violation	PN	NOV Issued	1/28/2021
WEST LIBERTY FOODS	925	MUSCATINE	IA7073834	NTNC	202100138	Nitrite (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/18/2020
WEST LIBERTY FOODS	925	MUSCATINE	IA7073834	NTNC	202100139	Nitrate (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/18/2020
WEST LIBERTY FOODS	925	MUSCATINE	IA7073834	NTNC	202100140	Nitrite (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/18/2020
WEST LIBERTY FOODS	925	MUSCATINE	IA7073834	NTNC	202100358	Nitrogen-Ammonia (as N)	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/18/2020
WESTERN HILLS	45	KOSSUTH	IA5500820	CWS	202100346	Diquat	30-Sep-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/18/2020
WESTFAIR	238	POTTAWATTAMIE	IA7820401	TNC	202001224	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/29/2020

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WHISKEY SPRINGS	25	FREMONT	IA3621202	TNC	202000948	Failure to apply for Operation Permit	28-Feb-20	Permit Application Submittal	STA	Compliance Achieved	3/3/2020
WHISKEY SPRINGS	25	FREMONT	IA3621202	TNC	202001104	Chlorine	30-Mar-20	Monitoring (MOR)	MON	Compliance Achieved	5/10/2020
WHISKEY SPRINGS	25	FREMONT	IA3621202	TNC	202001067	Coliform bacteria	31-Mar-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/6/2020
WHISKEY SPRINGS	25	FREMONT	IA3621202	TNC	202001292	Coliform bacteria	30-Apr-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/6/2020
WHISKEY SPRINGS	25	FREMONT	IA3621202	TNC	202001352	Failure to meet Compliance Schedule	30-May-20	Variance/Exemption/Compliance Schedule	V/E	NOV Issued	5/27/2020
WHITE HOUSE SUPPER CLUB	131	FAYETTE	IA3368750	TNC	202001610	Coliform bacteria	30-Jun-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/14/2020
WHITTEMORE MUNI WATER SUPPLY	504	KOSSUTH	IA5595020	CWS	202100508	Coliform bacteria	30-Nov-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/2/2020
WIELE MOTOR	31	LOUISA	IA5815201	TNC	202100660	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/12/2021
WINDRIDGE IMPLEMENTS L.L.C.	45	WINNESHIEK	IA9630101	TNC	202100644	Coliform bacteria	31-Dec-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/25/2021
WOODBINE WATER DEPARTMENT	1469	HARRISON	IA4388034	CWS	202001843	Sodium	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/31/2020
WOODLYN HILLS INC	54	DICKINSON	IA3050876	TNC	202001302	Failure to conduct Public Notice	23-Apr-20	Public Notice Rule Linked to Violation	PN	NOV Issued	7/27/2020
WOODLYN HILLS INC	54	DICKINSON	IA3050876	TNC	202001815	Failure to complete Start-Up Procedures	30-Apr-20	Start-Up Procedures TT (RTCR)	TT	NOV Issued	8/18/2020
WOODLYN HILLS INC	54	DICKINSON	IA3050876	TNC	202001410	Coliform bacteria	31-May-20	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/8/2020
WOODLYN HILLS INC	54	DICKINSON	IA3050876	TNC	202001597	Nitrate (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/27/2020
WOODLYN HILLS INC	54	DICKINSON	IA3050876	TNC	202100225	Failure to conduct Public Notice	20-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/12/2020
WOODLYN HILLS INC	54	DICKINSON	IA3050876	TNC	202100226	Failure to conduct Public Notice	23-Sep-20	Public Notice Rule Linked to Violation	PN	NOV Issued	11/12/2020
WOODWARD RESOURCE CENTER	1370	BOONE	IA0800923	CWS	202000957	Total Trihalomethanes (TTHM)	31-Mar-20	MCL (Chem-Rad), Average	MCL	NOV Issued	3/10/2020
XENIA RWD (BOONE)	4565	BOONE	IA0844006	CWS	202001581	Nitrite (as N)	30-Jun-20	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/18/2020