

State of Iowa Public Drinking Water Program 2018 Annual Compliance Report



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

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Iowa Department of Natural Resources
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Table of Contents

Title Page: Photo of Reverse Osmosis Treatment at a DWSRF project	i
Introduction	1
2018 Report Highlights	1
Compliance with Health-Based Standards	1
Map of Iowa's PWS with Health-Based Standards Violations	2
Compliance with Monitoring & Reporting Requirements	3
Map of Iowa's PWS with Major Monitoring & Reporting Violations	4
The National Public Drinking Water Program: An Overview	5
The DNR Drinking Water Program Components	6
On-site Inspection, Operation Permitting, Construction Permitting, Water Allocation and Use	
Permitting, Operator Certification, and Environmental Laboratory Certification	
DWSRF Program, Capacity Development, AWOP, Source Water Protection, and	7
Technical Assistance Contracts	
Iowa's Public Water Supply Systems	8
Definition of a PWS	8
System Size	8
Number of Iowa Systems	8
Map of Iowa's Active Public Water Supplies	9
System Source Water	10
Population Served by Source Water Type	10
Maximum Contaminant Levels and Maximum Residual Disinfectant Levels	11
Acute Contaminants	11
<i>E. coli</i> Bacteria	11
Nitrate & Nitrite	12
Chlorine Dioxide	12
Chronic (non-acute) Contaminants	12
Inorganic Chemicals	12
Organic Chemicals	13
Radionuclides	13
Disinfectants	14
Action Level and Treatment Technique Requirements	15
Lead & Copper Action Levels	15
Treatment Techniques	16
Total Inactivation CT Ratio	16
Disinfection Byproduct Precursor Removal	16
Groundwater Rule	16
Mandatory Treatment	17
Residual Disinfectant (minimum)	17
SWTR, IESWTR, and LT1 ESWTR	18
Total Coliform Bacteria	18
Turbidity	19
Violation Data for Health-Based Standards: MCL, MRDL, AL, and TT	20
Major Monitoring & Reporting Violations	24
Major Monitoring & Reporting Violation Data	25
Monitoring & Reporting Compliance Rates (10-year history)	26

Enforcement Actions	27
Variances & Exemptions	28
Public Notification, Lead Public Education, Consumer Confidence Report, and Lead Consumer Notice	28
Operator Certification	30
Classification of Systems, Facilities, and Operators	30
Classification Grades	31
Enforcement, Certification Renewal, and Initiatives	32
Abbreviations	33
Distribution of Report & Staff Contact Information	34
Appendix A: EPA Violations Summary Report	A-1
Appendix B: Iowa Public Water Supply Violation Data	B-1

All photos in this report were taken by DNR water supply program staff of DWSRF projects, primarily those completed in 2018.



Gas chlorine room

New wellhead



Introduction

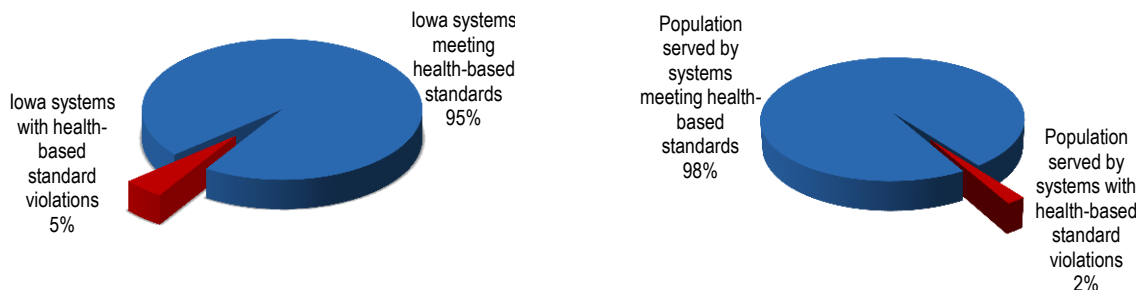
The Iowa Department of Natural Resources (DNR) administers the Public Drinking Water Program in Iowa under delegation of authority from the United States Environmental Protection Agency (EPA). The 1996 re-authorized Safe Drinking Water Act (SDWA) requires that each state that has been granted primary 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 2018 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 2018 Report Highlights

Iowa's inventory of public water supply systems remained constant at 1,838, just slightly less than in 2017. The percentage of systems in compliance with all health-based standards in 2018 was 95.2%, which is slightly less than in 2017, although the percentage of population served by systems compliant with all health-based standards was the best in the ten-year period at 98.1%. Major monitoring and reporting requirements were met by 82.1% of systems, a slight improvement from 2017. The percentage of population served by systems in compliance with the major monitoring and reporting requirements at 85.3% was a decrease from 2017, due to a few large population systems with violations.

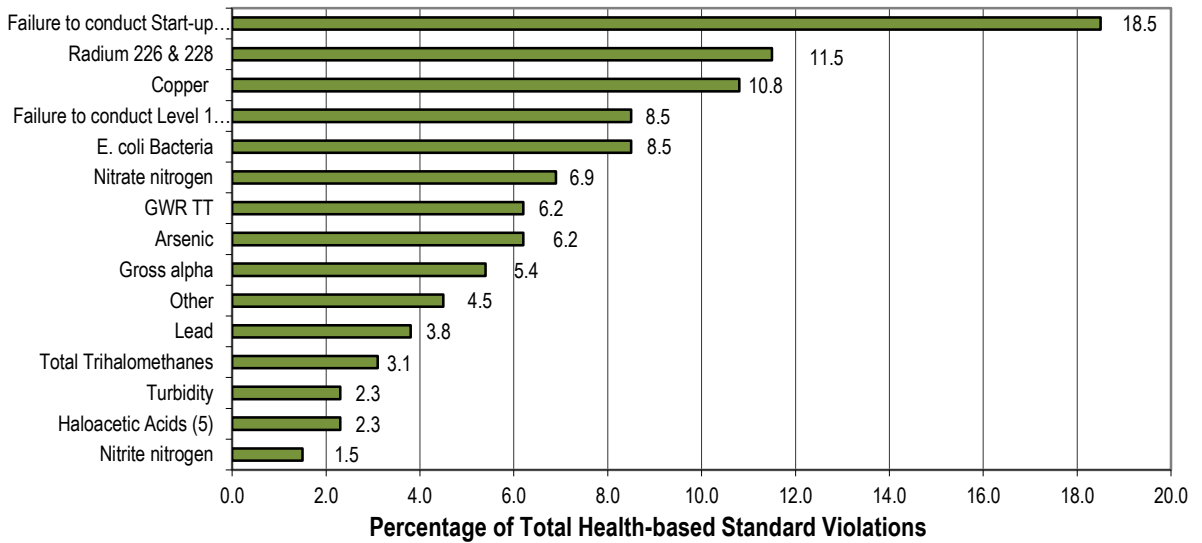
Compliance with Health-Based Standards

- No waterborne diseases or deaths were reported from Iowa public water supply systems (PWS) in 2018.
- Over 2.89 million people (of the 2.95M people served by Iowa's PWS) regularly received water from systems meeting all health-based drinking water standards.



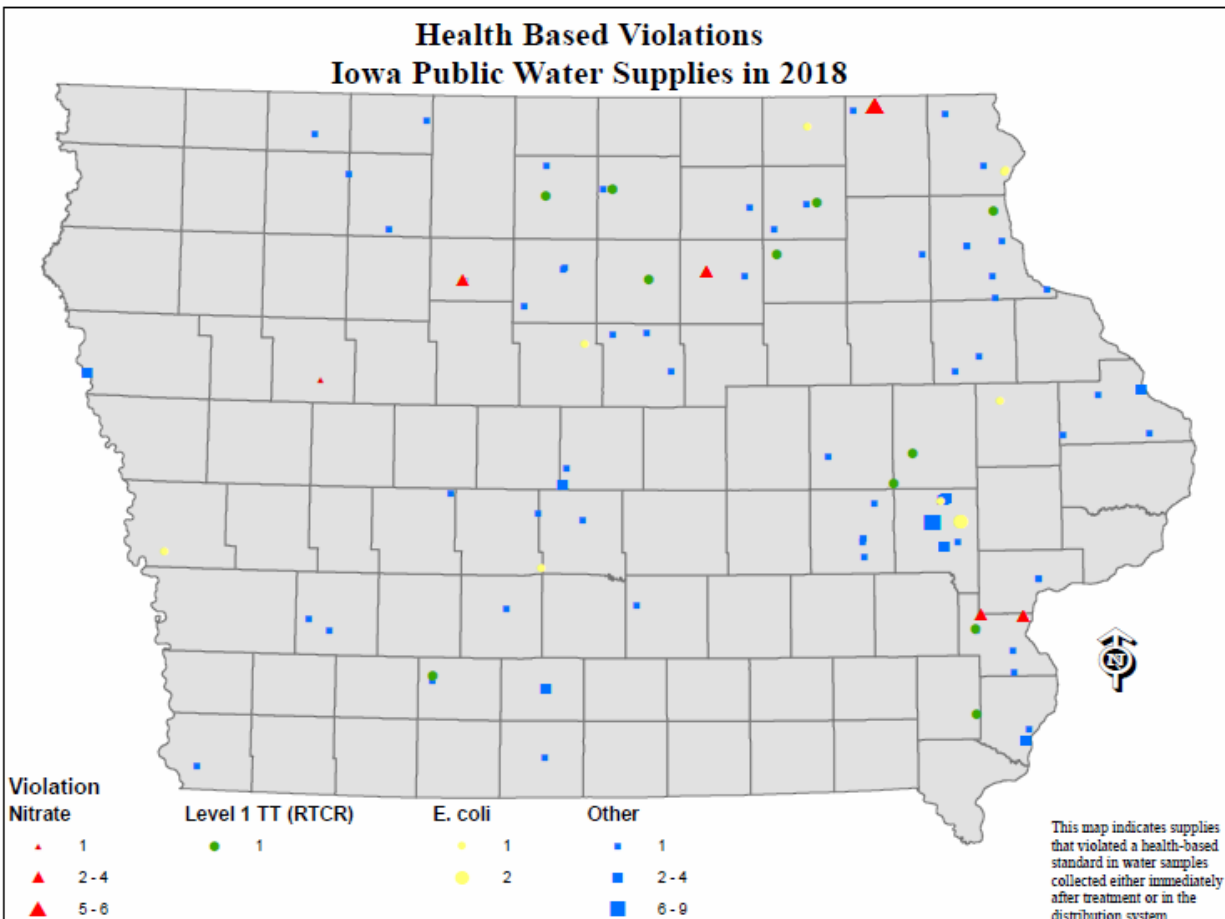
- Health-based drinking water standards were met by 95.2% of the 1,838 regulated public water supplies. There were 88 public water supplies that had 130 violations of a health-based drinking water standards, maximum residual disinfectant level, treatment technique, or action level.
- Eleven regulated contaminants were found at levels that exceeded the health-based standards during 2018, and nine treatment techniques were not met. The most frequent violations are shown in the chart on the following page, and includes 10 contaminants and 5 treatment techniques for failure to conduct a Level 1 assessment (RTCR), failure to conduct Start-up Procedure (RTCR), failure to maintain microbial treatment and failure to address a significant deficiency (GWR), and failure to meet turbidity limits, along with the percentage each contributed to the total number of health-based standard violations. The "other" category includes the health-based standards were each exceeded at least once during the year include: benzene, failure of the direct integrity test, failure to use nitrate removal

treatment, failure to meet minimum disinfectant residual, and a chlorine maximum residual disinfectant level violation.



2018 Health-based Standard Violations Map

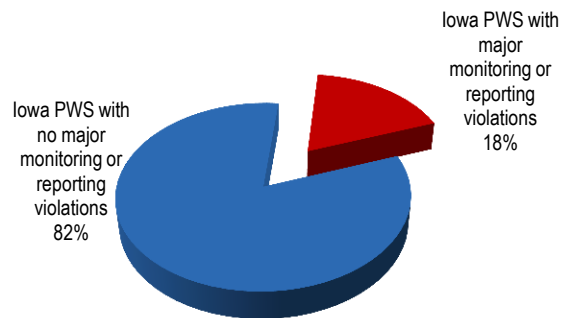
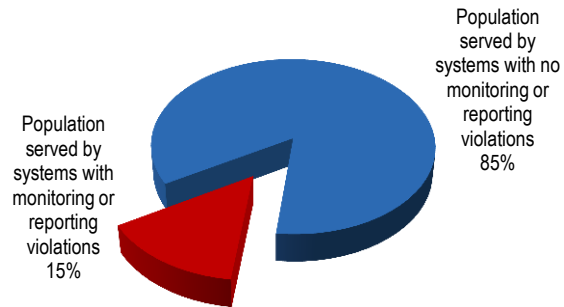
The map depicts the health-based standard violations that occurred in 2018 at Iowa's PWS, with the number of violations denoted by size of the marker. Three common violations are shown separately; the remaining violations are grouped together as "other."



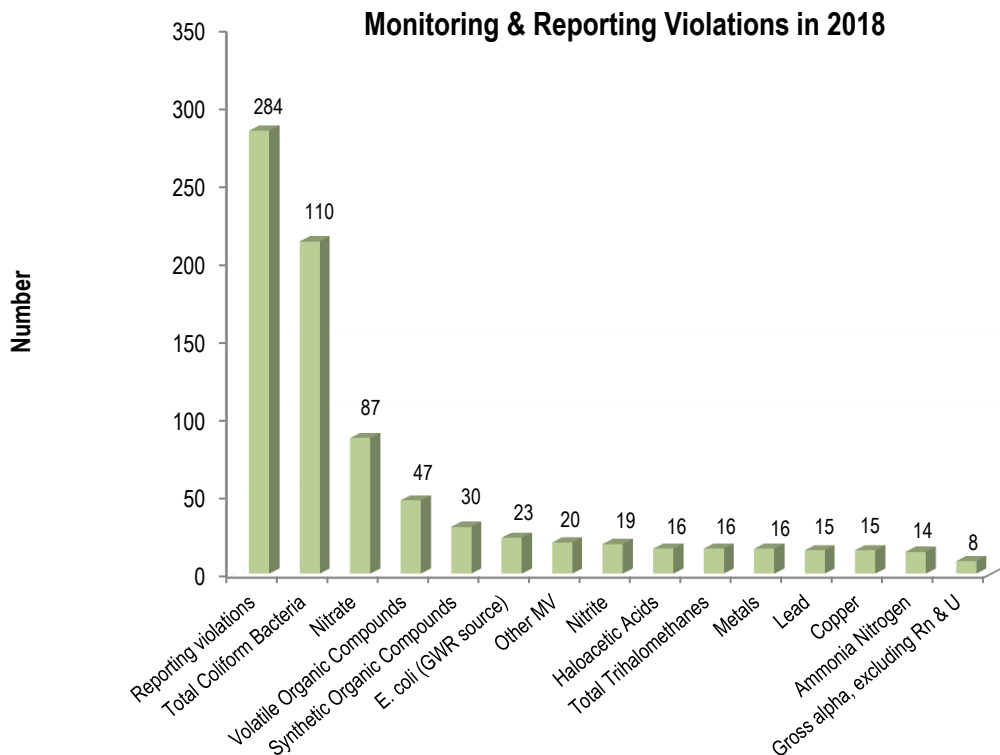
Compliance with Monitoring & Reporting Requirements

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

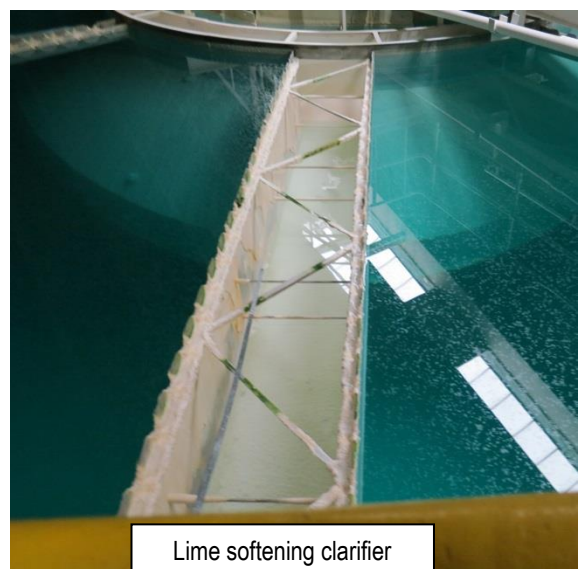
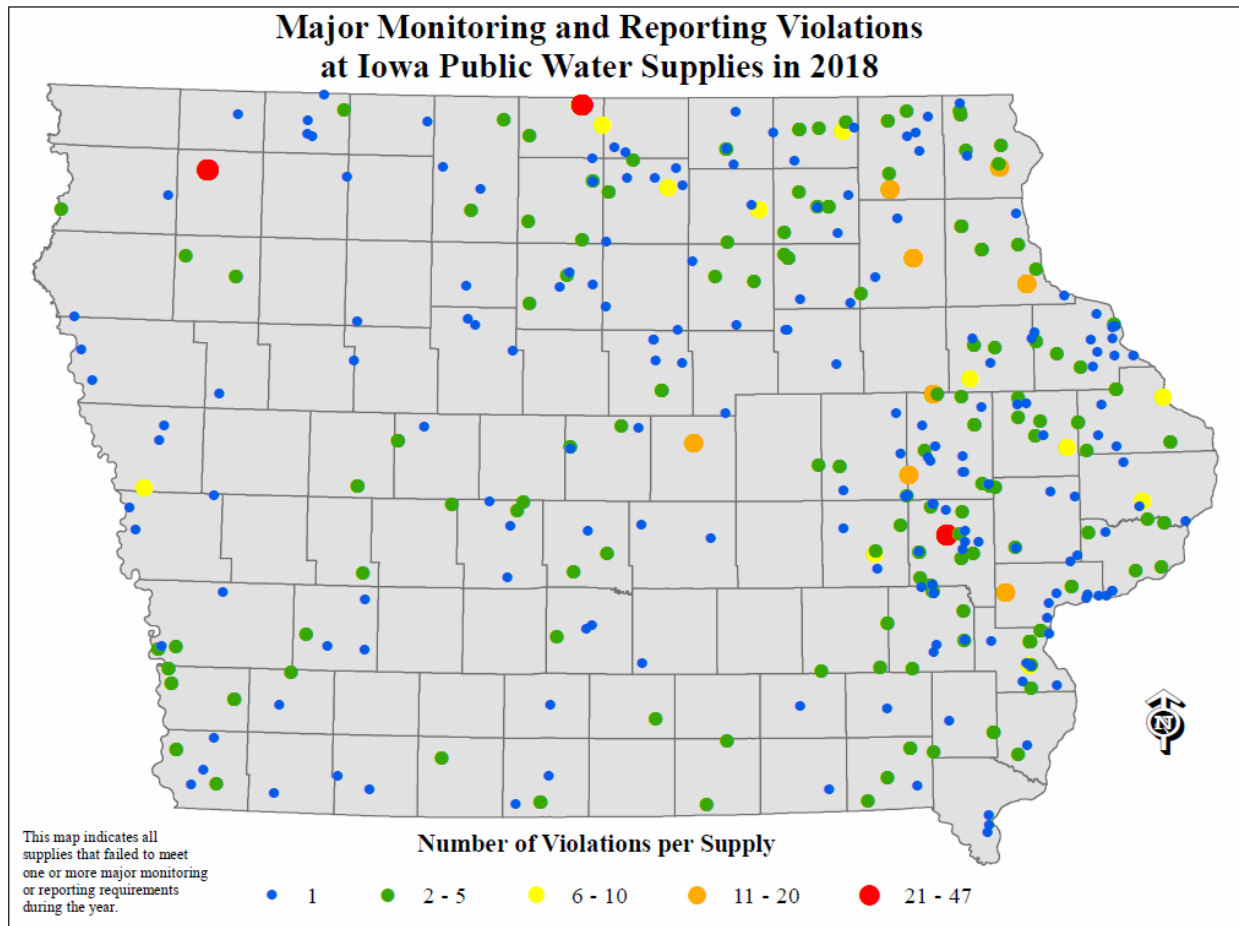
- Over 2.51 million people regularly received water from Iowa systems that complied with all major monitoring and reporting requirements.
- Major monitoring and reporting requirements were met by 82.1% of the 1,838 regulated public water supply systems.
 - There were 539 major monitoring violations in 2018 at 237 systems.
 - At least one reporting violation was incurred by 155 systems, for a total of 284 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 2018. The system that incurred the most monitoring/reporting violations in 2018 had 47 monitoring/reporting violations.



The National Public Drinking Water Program: An Overview

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

- To ensure the water is safe for human consumption, EPA sets national limits on allowable contaminant levels in public water supply systems. These limits are known as maximum contaminant levels and maximum residual disinfectant levels.
- Because certain contaminants are difficult to measure, EPA establishes treatment techniques or action levels in lieu of maximum contaminant levels to control unacceptable levels of those specific contaminants in public drinking water.
- EPA specifies how often systems must monitor for contaminants and requires those monitoring results be reported to the state. Generally, the larger the population, the more frequent the monitoring and reporting requirements.
- EPA requires systems to notify the public they serve when violations of the drinking water regulations occur. Public notification must include a clear and understandable explanation of the nature of the violation, potential adverse health effects resulting from the violation, steps the system is taking to correct the violation, and the availability and necessity of using alternative water supplies until the violation is corrected.
- EPA also has requirements for certification of water distribution and water treatment operators, environmental laboratory certification, and development of systems' technical, financial, and managerial capacity, to ensure that systems are properly operated.

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

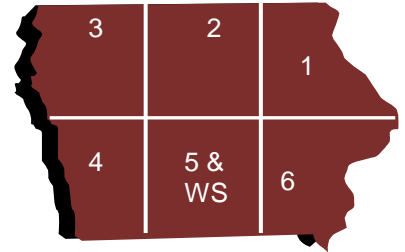
The SDWA allows States and Territories to seek EPA approval to administer their own Public Water Supply Supervision Program, which is called primacy. To receive primacy, States must meet certain requirements set forth in the SDWA regulations, including adoption of drinking water regulations which are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

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

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

The Iowa DNR Drinking Water Program Components

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



On-Site Inspection

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

Operation Permitting

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

Construction Permitting

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

Water Allocation and Use Permitting

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

Drinking Water Operator Certification

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

Environmental Laboratory Certification

- certifies laboratories that analyze compliance samples under the SDWA, and

- contracts with the State Hygienic Laboratory to inspect environmental laboratories every two years and check the accuracy of annual proficiency testing samples.

Drinking Water State Revolving Loan Program (DWSRF)

- makes low-interest loans to drinking water systems for construction of drinking water sources, treatment, storage and distribution systems to ensure public health and provide safe drinking water,
- conducts environmental reviews, and,
- if there are more requests than funding, scores and ranks applications based on whether the projects addresses health risks, rule compliance, and infrastructure needs, including criteria for loan eligibility. In SFY2018, there were 19 systems to which construction loans were made, for a total loan amount of \$50M. From SFY 2000 through SFY 2018, approximately \$859 million has been provided in loans to Iowa's public water supply systems for 600 drinking water projects.

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

- **Capacity Development** The department continues to implement a capacity development (also called viability assessment) strategy to improve the financial, technical, and managerial capabilities of all public water systems. New systems must be considered viable before they start construction and begin operating. Existing systems are required to conduct self-assessments based upon various performance factors and may need to work with the department on areas determined to be deficient in order to retain viable status. The department has an e-mail newsletter, the Water Supply Listserv, written for operators on relevant topics of the day. The listserv is sent at least monthly to the subscribers, which numbered 14,400 people at the end of December 2018.
- **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. The second year of comprehensive performance evaluation (CPE) training was conducted jointly with the Kansas Drinking Water Program in 2018. A voluntary CPE was conducted in September 2018 at an Iowa surface water supply that was in need of assistance due to operational issues. Data integrity is a focus of the CPE team efforts, to ensure that operators have accurate data upon which to base decisions. Checklists to verify calibration of on-line meters were developed and provided to operators. Surface water treatment training modules were reviewed to enhance operator training in these complex processes. A guidance document for tank cleaning by divers or remotely operated vehicles was also developed during the year.
- **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 2018, which the systems may then use to develop their system-specific source water protection plans (Phase 2 plans). Twelve systems submitted their system-specific source water plans in 2018: Casey, Elkhart, George, Holstein, Ida Grove, Kingsley, Maysville, Osceola Co RWS-South, Sanborn, Spirit Lake, Stanhope, and Winterset.
- **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.

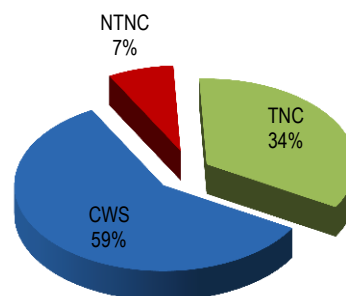
A public water supply system (PWS) is further classified as a community water system, a non-transient non-community system, or a transient non-community system.

- 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 2018, over 2.83 million Iowans were served by community public water supplies, or 93.0% of the total state population (compared with the 2010 census of 3,046,355), with the remaining 7.0% of the population served by private water supplies at their residences. Iowa's 1,838 public water supply systems in 2018 included 1,079 CWS, 132 NTNC, and 627 TNC systems. The map depicting all of Iowa's active public water supply systems in 2018 is shown on the next page.



System Size

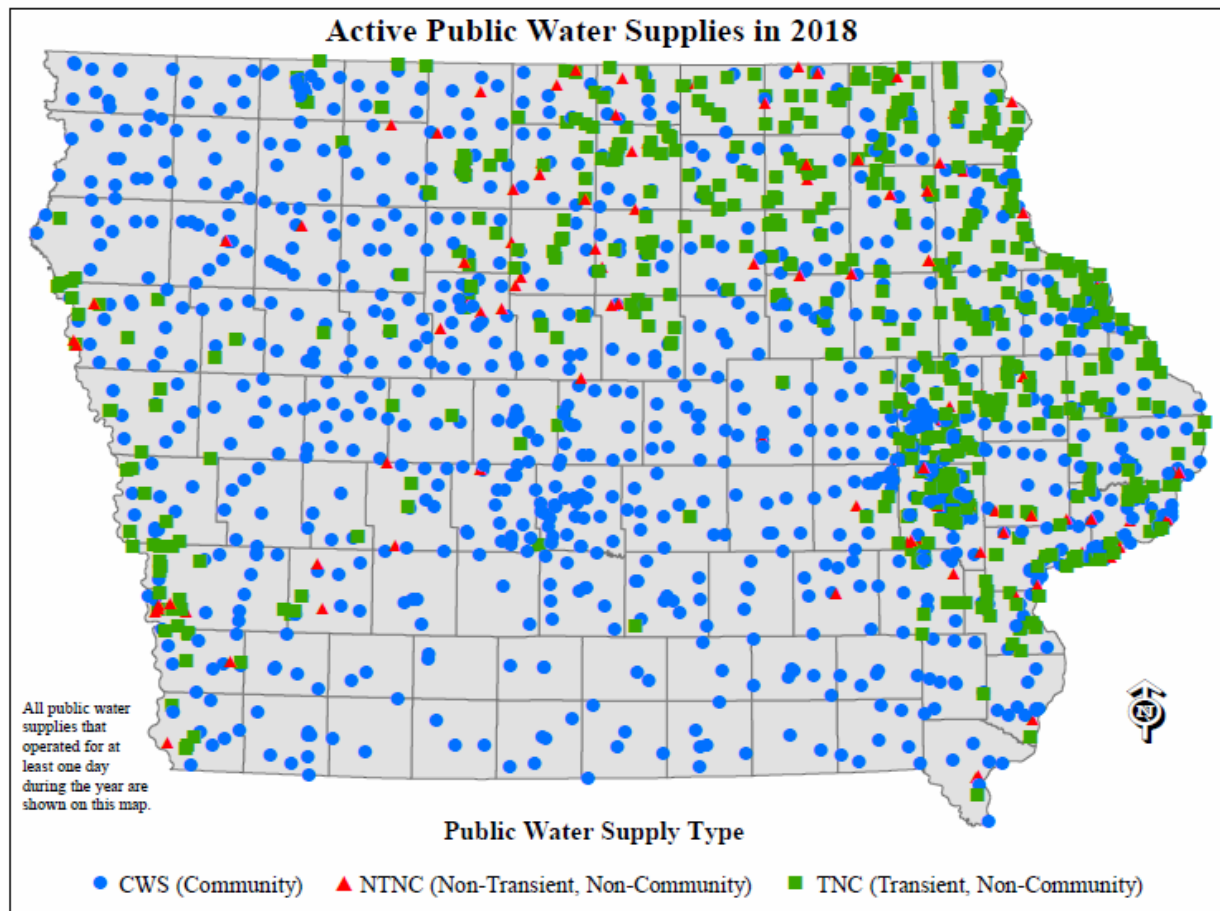
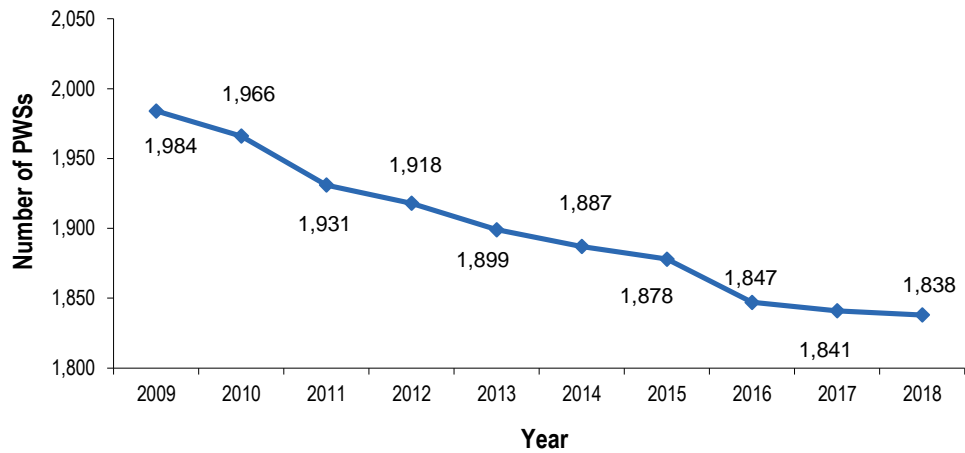
Iowa is a small-system state, as indicated in the following table, with 93% of our systems each serving fewer than 3,300 people.

Population Served	EPA Classification	Number of Iowa PWS	Percentage of Total Number of PWS	Total Population Served
25 – 500	Very Small	1,280	69.6	178,755
501 – 3,300	Small	425	23.1	513,922
3,301 – 10,000	Medium	85	4.6	476,116
10,001 – 100,000	Large	45	2.5	1,280,390
Over 100,000	Very Large	3	0.2	498,797
Total		1,838	100.0	2,937,952

In 2018, the number of public water supply systems in Iowa decreased slightly from 2017. Any system that was active for a single day during the year is included in that year's total.

The reasons for the trend include connection of systems to rural water systems or municipalities, and non-community systems that close, no longer meet the minimum population thresholds in the definition of a public water supply system of serving 25 people at least 60 days in the year, or no longer serve water to the public.

Number of Regulated Iowa PWSs: 2009 - 2018



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.

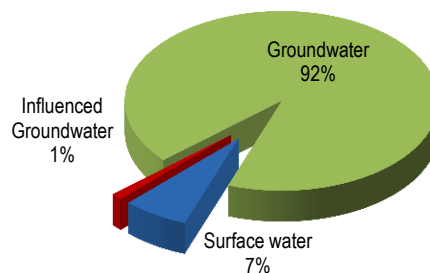
Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are the most vulnerable to contamination, followed by influenced groundwater systems. Systems using surface water or influenced groundwater 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 55% of the population. Surface water and influenced groundwater sources are used in the remaining 8% of systems, and serve 45% of the population.

Source of Water	Number of PWS	Percentage of Total PWS	Percentage of Total Population Served
Surface water	125	6.8	36.4
Influenced Groundwater	22	1.2	8.9
Groundwater	1,691	92.0	54.7

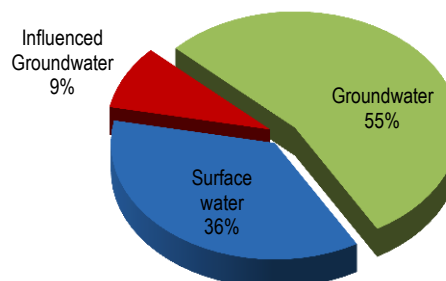
System Source Water in Iowa:

Most of Iowa's public water supply systems are supplied by groundwater.



Population Served by the various Source Waters:

Even though 92% of Iowa's systems use only groundwater sources, those systems serve only 55% of the population served by public water supply systems. The more populated areas of the state are generally served by surface water or influenced groundwater sources.



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

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

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

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

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

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

***E. coli* Bacteria—567 IAC 41.2(1)**

Sources of Contamination: Total coliform bacteria are common in the environment and are generally not harmful themselves. The presence of *Escherichia coli* (*E. coli*) in drinking water is serious because the bacteria are usually associated with sewage or animal waste. The presence of these bacteria in drinking water generally is a result of a problem with the water treatment or the pipes which distribute the water, and indicates that the water may be contaminated with organisms that can cause disease.

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

Acute MCL: When total coliform bacteria are present in any sample, that sample is also analyzed for *E. coli*. Any confirmed *E. coli* sample is a violation of the MCL for *E. coli* bacteria. To meet this MCL, all drinking water samples must be free from these bacteria.

Violation: A PWS incurs a violation when the MCL is exceeded in any one monthly or quarterly compliance period. A violation of the *E. coli* bacteria MCL is an acute violation and public notification must be started within 24 hours of notification of the violation.

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



Nitrate and Nitrite—567 IAC 41.3

Source of Contamination: Nitrate and nitrite contamination can occur from several sources: the natural decay of organic materials such as leaves and crop residue, use of commercial fertilizers, contamination by human sewage and wastes from farm animals, and the nitrification of ammonia in the treatment and distribution system.

Health Effects: Excessive levels of nitrate and nitrite in drinking water can cause serious illness and sometimes death in infants less than six months of age. Nitrate converts to nitrite, which interferes with the oxygen-carrying capacity in the child's blood (methemoglobinemia or blue-baby syndrome). This is an acute disease because symptoms can develop rapidly in infants. In most cases, health deteriorates over a period of days. Symptoms include shortness of breath and blueness of the skin. Expert medical advice should be sought immediately if these symptoms occur. Elevated nitrate and nitrite levels may also cause adverse health effects in pregnant women through the risk of miscarriage and in people with specific metabolic diseases that increase the risk of methemoglobinemia. Boiling the water should not be done, since it will only concentrate the nitrates and nitrites. Alternative sources of water should be used, such as Food and Drug Administration-approved bottled drinking water with low levels of nitrate clearly listed on the label.



Acute MCL: The MCL for nitrate is 10 mg/L as N and the MCL for nitrite is 1.0 mg/L as N.

Violation: A system incurs a violation when the MCL is exceeded in any one compliance period, assigned either as a monthly, quarterly, or annual requirement. Violation of the nitrate or nitrite MCL is an acute violation.

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

Chlorine Dioxide—567 IAC 41.6

Source: Chlorine dioxide is a chemical added to drinking water for the purposes of microbial disinfection and oxidation of dissolved organic carbon to reduce formation of disinfection byproducts.

Health Effects: Some infants and young children who drink water containing chlorine dioxide in excess of the MRDL could experience nervous system effects. Similar effects may occur in the fetuses of pregnant women who drink water containing chlorine dioxide in excess of the MRDL. Some people may experience anemia. Violations of the chlorine dioxide standard within the distribution system may harm human health based on short-term exposures. Certain groups, including fetuses, infants, and young children, may be especially susceptible to nervous system effects from excessive chlorine dioxide exposure.

Acute MRDL: The MRDL for chlorine dioxide is 0.8 mg/L as ClO_2 , and only applies to those systems using chlorine dioxide in their treatment processes. An acute MRDL occurs when too much of the chlorine dioxide is applied during the treatment process at the treatment plant.

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

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

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

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

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

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

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

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

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

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

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

Organic Chemicals—567 IAC 41.5 and 41.6

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

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



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

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

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

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

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

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

Radionuclides—567 IAC 41.8

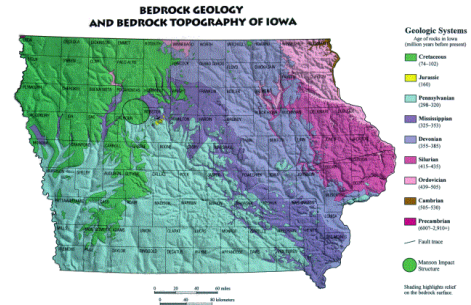
Source of Contamination: Alpha emitters, which include radium and uranium, occur naturally in certain groundwaters in the state due to the geological formations, particularly in the deeper aquifers. Beta emitters are usually the result of manmade sources or activities.

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

Health Effects: Radionuclide contaminants may cause cancer.

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

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



Map courtesy of Iowa Geological Survey

Disinfectants—567 IAC 43.6

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

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

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

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

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



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 below the action level before the violation is considered to be compliance achieved.

Treatment Technique Requirements (TT)

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

Total Inactivation CT Ratio—567 IAC 43.5

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

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

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

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

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

Disinfection Byproduct Precursor Removal—567 IAC 43.6

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

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

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

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

Groundwater Rule—40 CFR 141.400

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

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

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

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

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

Mandatory Treatment—567 IAC 43.2(5)

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

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

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

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

Residual Disinfectant (minimum)—567 IAC 43.5

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

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

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

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

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

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

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



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

Total Coliform Bacteria—567 IAC 41.2(1)

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

Source of Contamination: Total coliform bacteria are common in the environment and are generally not harmful themselves, but their presence in drinking water is serious because it indicates a pathway of contamination. The presence of these bacteria in drinking water generally is a result of a problem with the water treatment or with the pipes 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 as part of a water main replacement project



Emergency power generator

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

Approximately 2.89 million people received water served by Iowa public water supply systems in 2018 that complied with all health-based standards, including MCL, MRDL, AL, and TT standards. In 2018, 98.1% of the population served by community public water supply systems received water that met all drinking water standards adopted by the department.

Of the 1,838 regulated PWSs in Iowa, 95.2% were in compliance with all MCL, MRDL, AL, and TT standards. There were 88 PWSs that had at least one violation of an MCL, AL, MRDL, or TT standard. There were 130 violations of eleven contaminants and nine treatment techniques in 2018, as indicated in the following table. The most frequent standard that was not met in Iowa in 2018 was the failure to conduct Start-up Procedures (RTCR) for seasonal systems, which is a TT violation.

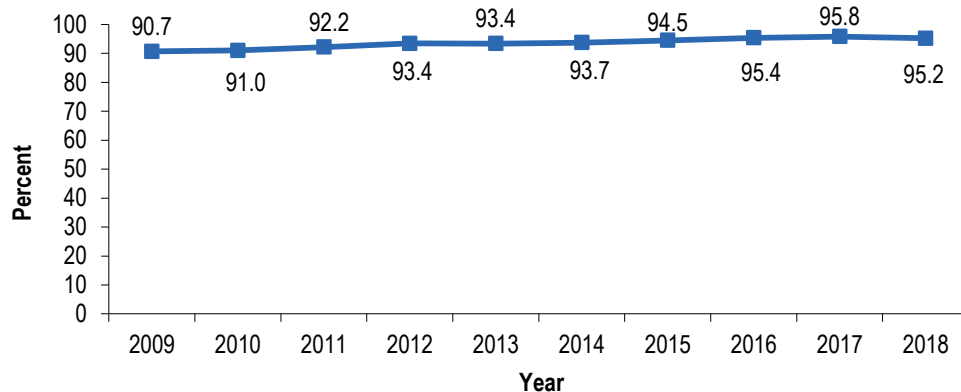
Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2018	System Population*
Arsenic	3	8	6.2	185	347
Benzene	1	1	0.8	583	28
Chlorine MRDL	1	1	0.8	Not applicable	3,068
Coliform Bacteria Failure to conduct a Level 1 Assessment TT	11	11	8.5	Not applicable	19,860
Coliform Bacteria Failure to conduct a Start-Up Procedure TT	24	24	18.5	Not applicable	2,020
Copper action level	12	14	10.8	5,632	9,833
<i>E. coli</i>	10	11	8.5	27,968	1,896
Gross alpha, excluding Rn & U	2	7	5.4	341	1,752
GWR Failure to maintain Microbial Treatment TT	5	5	3.8	Not applicable	450
GWR Failure to address Significant Deficiency TT	3	3	2.3	Not applicable	325
Haloacetic Acids (5)	1	3	2.3	1,726	1,100
IESWTR Direct Integrity Test TT	1	1	0.8	Not applicable	7,834
Lead action level	5	5	3.8	5,633	816
Minimum Disinfectant Residual TT	2	2	1.5	Not applicable	5,968
Nitrate nitrogen	5	9	6.9	3,570	550
Nitrate TT	1	1	0.8	Not applicable	1,011
Nitrite nitrogen	2	2	1.5	1,047	983
Radium 226 & 228	3	15	11.5	368	2,299
Total Trihalomethanes (TTHM)	1	4	3.1	1,726	1,100
Turbidity treatment technique	2	3	2.3	Not applicable	6,906
Total:	88**	130	100%		61,752**

* 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 decreased slightly from last year, as shown in the following chart. The average compliance rate over the ten-year period is 93.5%.

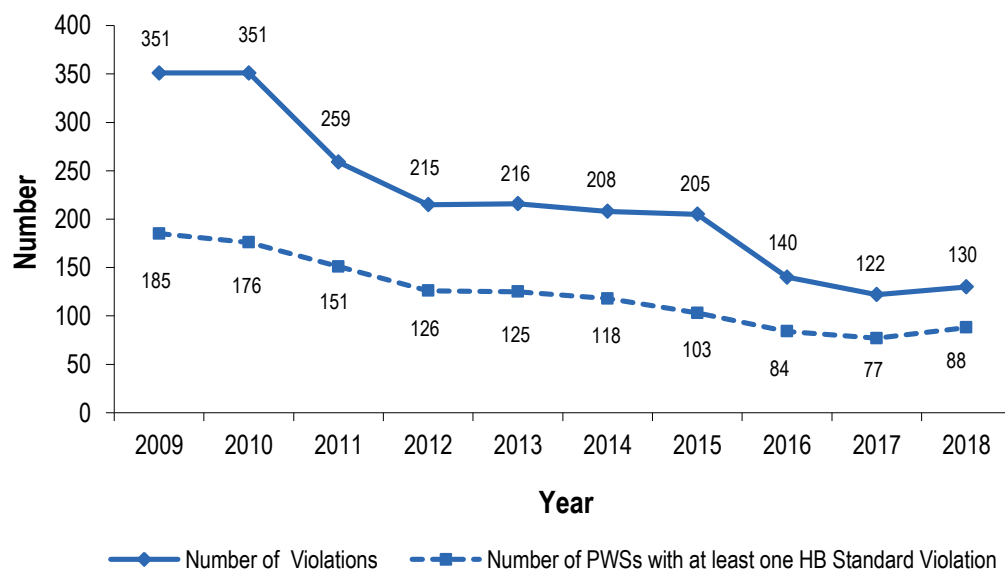
**Percentage of PWS in Compliance with all MCL, AL, TT, & MRDL:
2009 - 2018**



This is the second full year that the Revised TCR (RTCR) was in effect, and there were two types of RTCR TT violations that resulted in 35 TT violations at 34 systems: 24 seasonal systems that failed to complete their start-up procedures (including a bacteria-free compliance sample) before they opened to the public, and 11 systems that failed to conduct the required Level 1 Assessment and incurred 11 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.

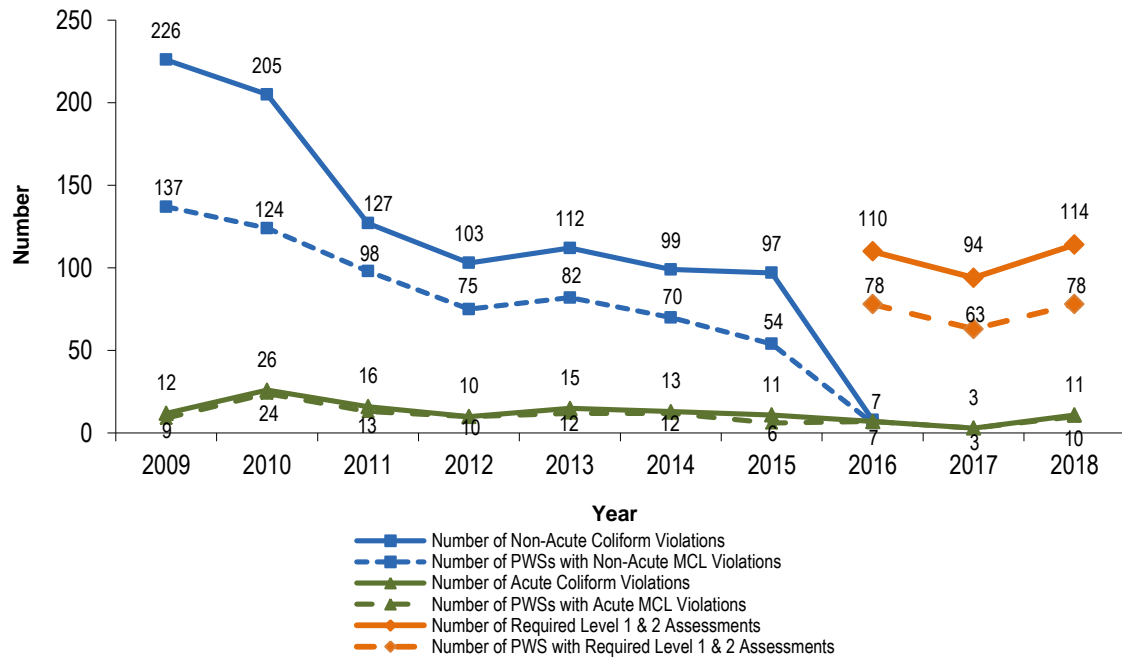
In 2018, both the number of systems with violations of health-based standards and the number of violations ticked up slightly from 2017, which had the lowest levels in the ten-year period. The population served by compliant systems was the best in the ten-year period.

Health-Based Standards Violations: 2009 - 2018



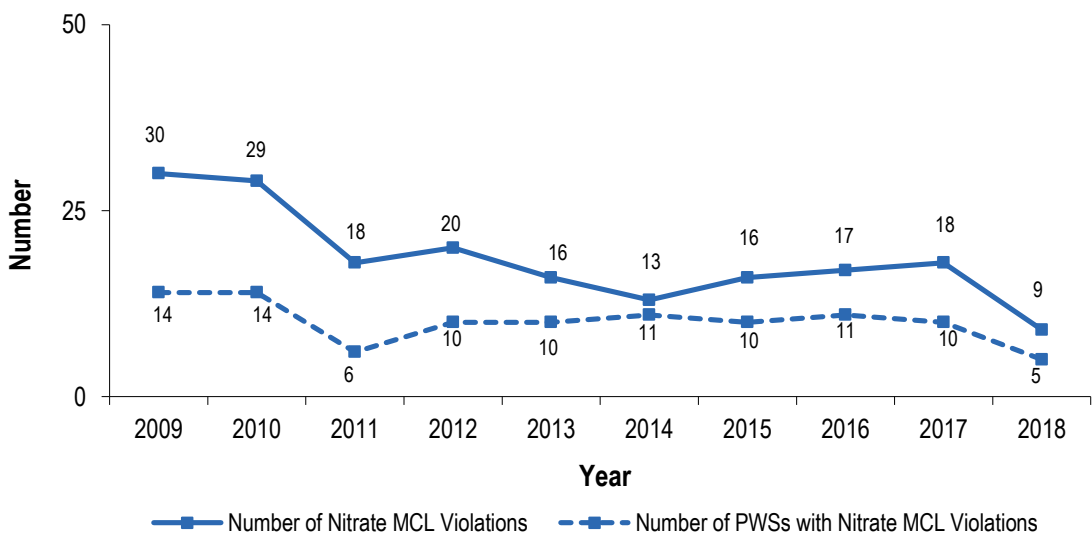
Effective April 1, 2016, the non-acute coliform bacteria MCL violation under the TCR was replaced under the RTCR with Level 1 and/or Level 2 Assessments, which are not violations. If the required Level 1 and 2 Assessments are included, the numbers are similar between the previous five years.

Coliform Bacteria MCL Violations and Assessments: 2009 - 2018

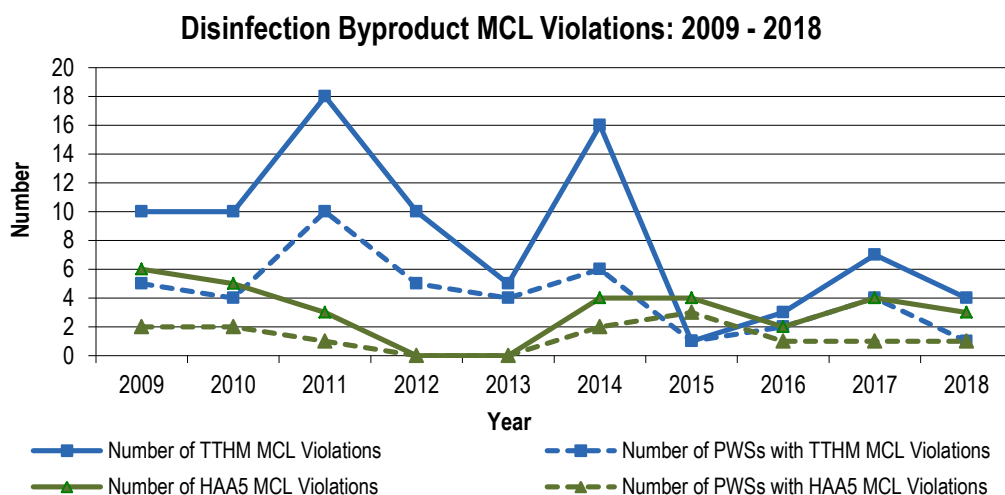


In 2018, the number of nitrate MCL violations and number of systems with violations dropped to a ten-year low.

Nitrate MCL Violations: 2009 - 2018

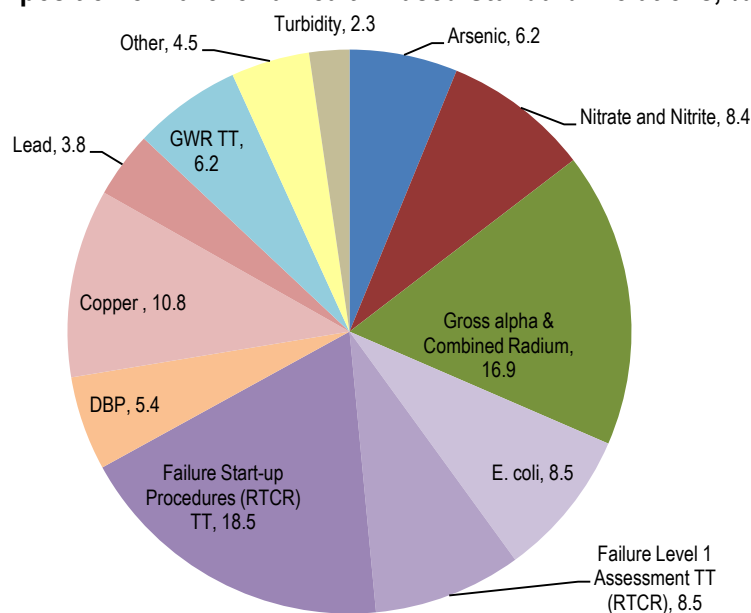


Under the federal Stage 1 Disinfectants/Disinfection Byproducts Rule (DBPR), large systems were required to start monitoring for disinfection byproducts in 2002, with medium and small systems starting in 2004. Usually a system monitors for a year before an MCL violation can occur, so the first violations 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 2018, there was only one system that had DBP violations, which is the lowest number in the ten-year period.



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

Composition of 2018 Iowa 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.

High service pumps



Major Monitoring & Reporting Violations

Major Monitoring and Reporting (M/R) Violation Data

Over 2.51 million people received water served by Iowa's systems that met the major monitoring and reporting requirements. Of the 1,838 regulated PWSs in Iowa, 82.1% (1,509 PWSs) were in compliance with all major monitoring and reporting requirements. There were 329 PWSs serving a total population of 433,421 that incurred 823 major monitoring and reporting violations in 2018. 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 2018. 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	12	14	23,150
Antimony	1	1	114
Arsenic	3	3	1,462
Asbestos	1	1	2,559
Barium	1	1	114
Beryllium	1	1	114
Cadmium	1	1	114
Chlorine	4	5	2,241
Chromium	1	1	114
Coliform Bacteria, Total (RTCR distribution system)	132	213	46,277
Copper	12	15	4,118
Cyanide	2	3	233,134
<i>E. coli</i> (GWR source water)	20	23	1,493
Fluoride	1	1	114
Gross alpha, excluding Rn & U	6	8	16,459
Haloacetic Acids (5)	15	16	16,062
Lead	12	15	3,261
Mercury	1	1	114
Nitrate	66	87	46,277
Nitrite	13	19	6,490
Radium 226 & 228	4	5	1,389
Selenium	2	2	380
Sodium	2	4	629
Synthetic Organic Compounds (SOC)	3	30	1,424
Thallium	1	1	114
Total Organic Carbon (TOC)	1	1	1,977
Total Trihalomethanes	15	16	16,062
Uranium	1	2	58
Volatile Organic Compounds (VOC)	4	47	3,961
Water Quality Parameters (LCR)	2	2	3,261
Monitoring Total:	237*	539	369,294*
Reporting			
Failure to conduct public notice (PN)	81	175	9,229
Failure to conduct Lead public education (PE)	1	1	340
Failure to consult with DNR (GWR)	5	5	537
Failure to submit monthly operation report or MRDL	28	41	24,262
Failure to issue a consumer confidence report	19	19	4,700
Failure to issue a Lead consumer notice	30	31	34,536
Failure to obtain a certified operator	1	1	102

Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
Failure to obtain a construction permit	2	2	522
Failure to meet a compliance schedule	9	9	1,899
Reporting Total:	155*	284	73,267*
Monitoring & Reporting Total:	329**	823	433,421**

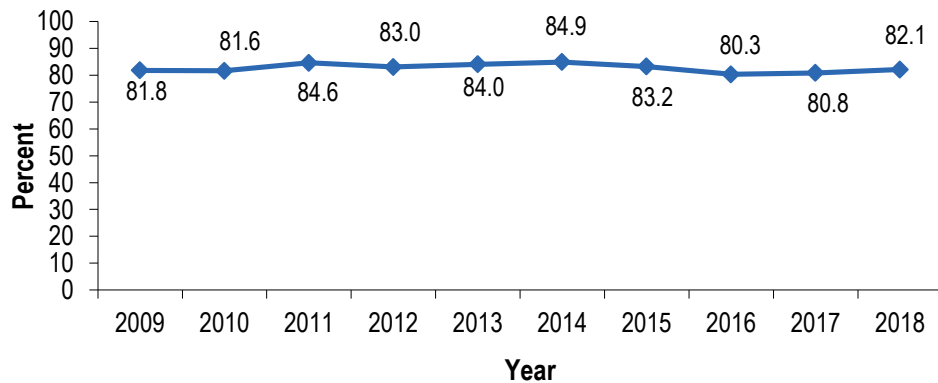
* The population of each PWS is only counted once for each contaminant.

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

Monitoring & Reporting Compliance Rates: 2009 - 2018

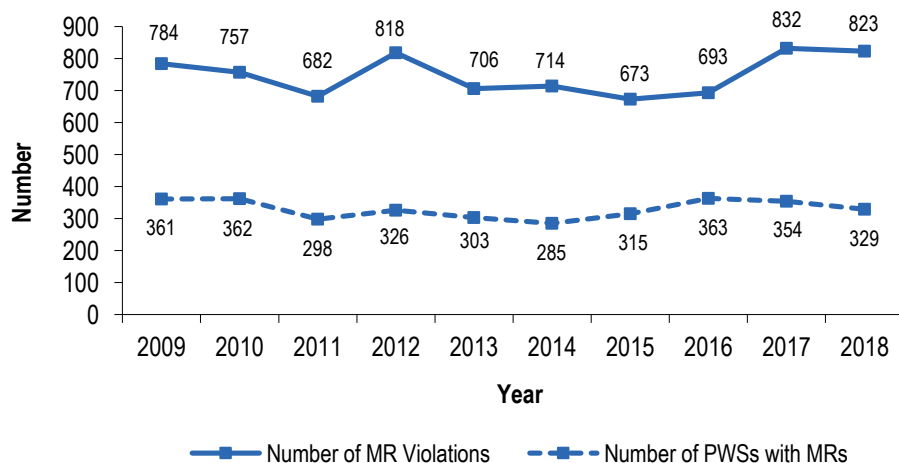
The percentage of PWS in compliance with all major monitoring and reporting requirements was 82.1% in 2018. The number of public water supplies in compliance with all major monitoring and reporting requirements averages 82.6% over the past ten years.

Percentage of PWS in Compliance with all Major Monitoring & Reporting Requirements: 2009 - 2018



In 2018, the number of monitoring and reporting violations and the number of systems with those violations slightly decreased from 2017.

Monitoring & Reporting Violations: 2009 - 2018



Enforcement Actions

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

If a system is unable or unwilling to mitigate a violation, an administrative order (AO) is the next enforcement action. An AO may be issued with a monetary penalty or without a monetary penalty. The next level of escalation in enforcement actions is to refer the system to the Iowa Attorney General for enforcement. A system may be referred to EPA for enforcement.

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

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

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



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

Variances 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 2018, 19 CWS failed to prepare and distribute their CCR for calendar year 2017. Each CWS received a reporting violation for this failure. The CCR compliance rate for Iowa's CWS in 2018 was 98.2%.

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.

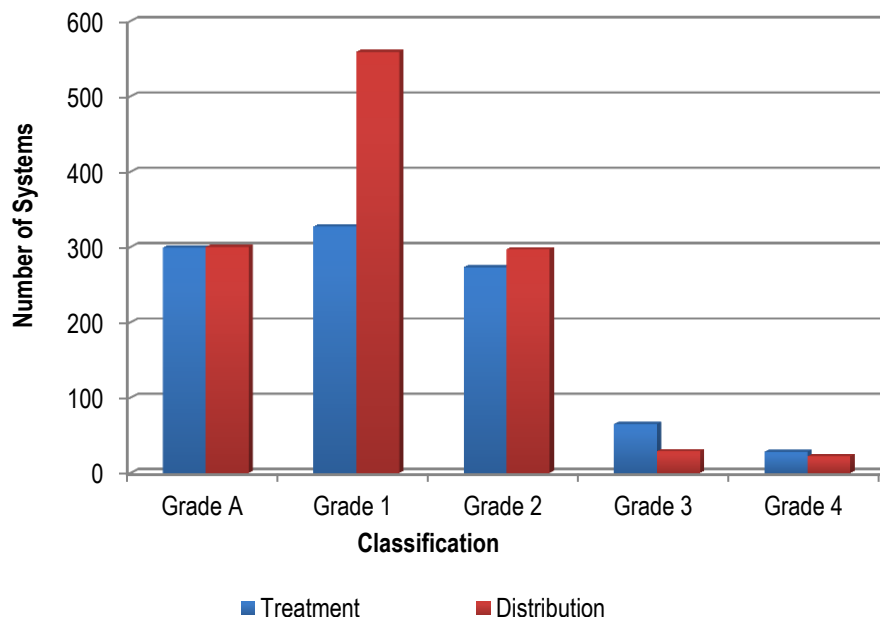
The Iowa Operator Certification Program reporting period for this report is July 1, 2018 through June 30, 2019.

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 13, 2019. There are 215 systems that have a distribution system but no treatment plant.

Classification	Treatment Facility	Distribution Facility
Grade A	299	300
Grade 1	327	559
Grade 2	273	297
Grade 3	65	29
Grade 4	28	22
Total	992	1,207

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:

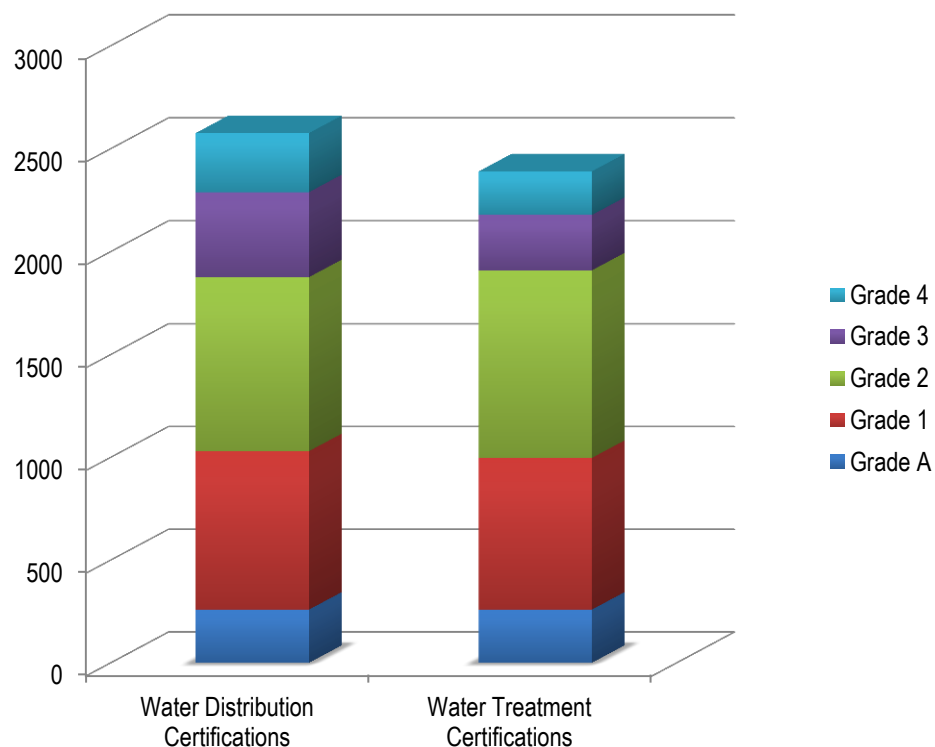
1. Meet the initial education and experience requirements and pay the examination fee,
2. Successfully pass the examination for the specific type of certification, and
3. Maintain the certification by successfully attaining the required continuing education hours or credits during each two-year certification 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 259 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	259 (combined WT and WD)	
Grade 1	771	738
Grade 2	846	912
Grade 3	413	269
Grade 4	287	212

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



Enforcement

Compliance actions were directed at one public water supply systems that failed to have a certified operator in charge of their water supply and there are ongoing investigations at this time.

Certification Renewal

Operator certifications are renewed every two years, with the current renewal period ending on June 30, 2019. Continuing education requirements must have been met by March 31, 2019, 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.



Storage overflow

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
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
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Tamie Calef	515/725-8223	SDWIS Data Management	Information Technology Specialist 4
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Mark Moeller, PE	515/725-0275	Water Supply Engineering Section Supervisor	Env. Program Supervisor
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Chemical feed and feedstocks with containment

APPENDIX A: EPA Violations Summary Report

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

Legend

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



APPENDIX A: EPA VIOLATIONS SUMMARY REPORT

State: Iowa		Reporting Interval: January 1, 2018 through December 31, 2018					
Organic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
1,1,1-Trichloroethane	0.2	0	0	0	0	2	2
1,1,2-Trichloroethane	0.005	0	0	0	0	2	2
1,1-Dichloroethylene	0.007	0	0	0	0	2	2
1,2,4-Trichlorobenzene	0.07	0	0	0	0	2	2
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	0	0	0
1,2-Dichloroethane	0.005	0	0	0	0	2	2
1,2-Dichloropropane	0.005	0	0	0	0	2	2
2,3,7,8-TCDD (Dioxin)	0.00000008	0	0	0	0	0	0
2,4,5-TP (Silvex)	0.05	0	0	0	0	0	0
2,4-D	0.07	0	0	0	0	3	3
Acrylamide		0	0	0	0	0	0
Alachlor (Lasso)	0.002	0	0	0	0	3	3
Atrazine	0.003	0	0	0	0	3	3
Benzene	0.005	1	1	0	0	3	3
Benzo[a]pyrene	0.0002	0	0	0	0	0	0
Carbofuran	0.04	0	0	0	0	0	0
Carbon tetrachloride	0.005	0	0	0	0	2	2
Chlordane	0.002	0	0	0	0	0	0

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
cis-1,2-Dichloroethylene	0.07	0	0	0	0	2	2
Dalapon	0.2	0	0	0	0	0	0
Di(2-ethylhexyl)adipate	0.4	0	0	0	0	3	3
Di(2-ethylhexyl)phthalate	0.006	0	0	0	0	3	3
Dichloromethane	0.005	0	0	0	0	2	2
Dinoseb	0.007	0	0	0	0	0	0
Diquat	0.02	0	0	0	0	3	3
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	3	3
Ethylene dibromide	0.00005	0	0	0	0	0	0
Glyphosate	0.7	0	0	0	0	3	3
Heptachlor	0.0004	0	0	0	0	0	0
Heptachlor epoxide	0.0002	0	0	0	0	0	0
Hexachlorobenzene	0.001	0	0	0	0	0	0
Hexachlorocyclopentadiene	0.05	0	0	0	0	0	0
Lindane	0.0002	0	0	0	0	0	0
Methoxychlor	0.04	0	0	0	0	0	0

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Monochlorobenzene	0.1	0	0	0	0	2	2
o-Dichlorobenzene	0.6	0	0	0	0	2	2
Oxamyl (Vydate)	0.2	0	0	0	0	0	0
para-Dichlorobenzene	0.075	0	0	0	0	2	2
Pentachlorophenol	0.001	0	0	0	0	3	3
Picloram	0.5	0	0	0	0	3	3
Simazine	0.004	0	0	0	0	3	3
Styrene	0.1	0	0	0	0	2	2
Tetrachloroethylene	0.005	0	0	0	0	2	2
Toluene	1	0	0	0	0	3	3
Total polychlorinated biphenyls	0.0005	0	0	0	0	0	0
Toxaphene	0.003	0	0	0	0	0	0
trans-1,2-Dichloroethylene	0.1	0	0	0	0	2	2
Trichloroethylene	0.005	0	0	0	0	2	2
Vinyl chloride	0.002	0	0	0	0	2	2
Xylenes (total)	10	0	0	0	0	3	3
Haloacetic acids	0.060	3	1	0	0	15	15
Total trihalomethanes	0.080	4	1	0	0	15	15

Inorganic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Antimony	0.006	0	0	0	0	1	1
Arsenic	0.010	8	3	0	0	3	3
Asbestos	7 million fibers/L ($>10\ \mu\text{m}$ in length)	0	0	0	0	1	1
Barium	2	0	0	0	0	1	1
Beryllium	0.004	0	0	0	0	1	1
Cadmium	0.005	0	0	0	0	1	1
Chromium	0.1	0	0	0	0	1	1
Cyanide (as free cyanide)	0.2	0	0	0	0	3	2
Fluoride	4.0	0	0	0	0	1	1
Mercury	0.002	0	0	0	0	1	1
Nitrate	10 (as Nitrogen)	9	5	1	1	87	66
Nitrite	1.0 (as Nitrogen)	2	2	0	0	19	13
Selenium	0.05	0	0	0	0	2	2
Sodium	not applicable	0	0	0	0	4	4
Thallium	0.002	0	0	0	0	1	1
Total nitrate and nitrite	10 (as Nitrogen)	NA	NA	NA	NA	NA	NA

Radionuclide Contaminants	MCL	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Gross alpha (excluding Rn & U)	15 pCi/L	7	2	0	0	8	6
Radium-226 and radium-228	5 pCi/L	15	3	0	0	5	4
Gross beta	4 mrem/year	0	0	0	0	0	0
Uranium	30 µg/L	0	0	0	0	2	1
Subtotal		49	16*	1	1	248	107*

*: Each system is only counted once in the subtotal category (i.e., 16 systems had 49 MCL violations and 107 systems had 248 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	11	10	0	0	0	0
Failure to complete Start-Up Procedures (RTCR)		0	0	24	24	0	0
Failure to conduct Level 1 Assessment (RTCR)		0	0	11	11	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	213	132
Major source water monitoring for Fecal Indicator (GWR)		0	0	0	0	23	20
Sanitary survey violations (failure to address significant deficiency, to have certified operator, or to maintain disinfectant residuals)		0	0	9	9	6	6
Subtotal		11	10*	44	42	242	148*

*Each system is counted only once in the subtotal category, i.e., 10 systems had 11 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	5	4	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	5	4	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: 5 Copper: 14	Lead: 5 Copper: 12	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: 15 Pb: 15	Cu: 12 Pb: 12
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	1	1
Lead consumer notice						31	30
Subtotal		19	16*	0	0	62	44*

*: Each system is only counted once in the subtotal category (i.e., 16 systems had 19 ALE and 44 systems had 62 monitoring/reporting violations).

Stage 1 & 2 DBPR (TTHM & HAA5 included under Organic Contaminants)	MRDL or MCL	MRDL or MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Chlorine or chloramines residual	4.0 mg/L	1	1	0	0	5 MV 41 reporting	4 MV 28 reporting
Chlorine dioxide	0.8 mg/L	0	0	0	0	0	0
Chlorite	1.0 mg/L	0	0	0	0	0	0
Bromate	0.010 mg/L	0	0	0	0	0	0
Total organic carbon (TOC)		0	0	0	0	1	1
Subtotal		1	1	0	0	47	32*

*: Each system is only counted once in the subtotal category (i.e., 32 systems had 47 DBP reporting violations).

APPENDIX B: Iowa Public Water Supply Violation Data

All public water supply systems that incurred one or more violations during 2018 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 2018

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201801195	Failure to conduct Public Notice	22-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201801412	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/3/2018
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201802150	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/25/2018
61 DRIVE-IN THEATRE	27	CLINTON	IA2328801	TNC	201801280	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/26/2018
AG PROCESSING - REFINERY	50	WOODBURY	IA9774003	NTNC	201801373	Copper	30-Jun-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/16/2019
AG PROCESSING - REFINERY	50	WOODBURY	IA9774003	NTNC	201900751	Copper	31-Dec-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/16/2019
AINSWORTH 4 CORNERS RESTAURANT	400	WASHINGTON	IA9203760	TNC	201801193	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801788	Alachlor (Lasso)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801789	Atrazine	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801790	2,4-D	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801791	Di(2-Ethylhexyl) Adipate	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801792	Di(2-Ethylhexyl) Phthalate	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801793	Pentachlorophenol	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801794	Picloram	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801795	Simazine	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801796	Diquat	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201801797	Glyphosate	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201802115	Total Trihalomethanes (TTHM)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2018
ALBION WATER DEPARTMENT	505	MARSHALL	IA6403011	CWS	201802116	Total Haloacetic Acids (HAA5)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2018
ALLUVIAL BREWING COMPANY	100	STORY	IA8500301	TNC	201801305	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2018
ALLUVIAL BREWING COMPANY	100	STORY	IA8500301	TNC	201801563	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2018

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
ALLUVIAL BREWING COMPANY	100	STORY	IA8500301	TNC	201900188	Nitrite (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/22/2018
ALTOONA WATER SUPPLY	14684	POLK	IA7707030	CWS	201900961	Gross Alpha, excluding Rn & U	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	3/6/2019
ALTOONA WATER SUPPLY	14684	POLK	IA7707030	CWS	201900963	Gross Alpha, excluding Rn & U	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	3/6/2019
AMERICAN MARTYRS RETREAT HOUSE	28	BLACK HAWK	IA0709844	TNC	201800937	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/23/2018
ANGLERS BAY RESORT	150	DICKINSON	IA3070601	TNC	201802091	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/21/2018
ANITA MUNICIPAL UTILITIES	972	CASS	IA1503053	CWS	201801277	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/5/2018
ARMSTRONG WATER SUPPLY	943	EMMET	IA3203066	CWS	201801032	Arsenic	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/25/2018
ARMSTRONG WATER SUPPLY	943	EMMET	IA3203066	CWS	201900870	Copper	31-Dec-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/29/2019
BACON ADDITION	81	JONES	IA5343301	CWS	201901242	Chlorine	30-Jun-18	Operations Report	RPT	Compliance Achieved	8/2/2018
BAR JAC MOBILE HOME PARK	270	DALLAS	IA2561601	CWS	201900693	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/19/2018
BARN HAPPY	39	BLACK HAWK	IA0709209	TNC	201900209	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2018
BEACH GIRLS BAR	155	DALLAS	IA2509202	TNC	201801391	<i>E. coli</i>	30-Jun-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	11/15/2018
BEAMAN WATER SUPPLY	191	GRUNDY	IA3803094	CWS	201801963	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/31/2018
BEAVER MEADOWS COUNTRY CLUB	25	BUTLER	IA1281201	TNC	201801082	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/15/2018
BEDFORD WATER WORKS	1485	TAYLOR	IA8709096	CWS	201801967	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	4/16/2019
BELLE PLAINE WATER DEPT	2559	BENTON	IA0610099	CWS	201800936	Asbestos	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/26/2018
BELLEVUE MUNICIPAL UTILITIES	2191	JACKSON	IA4910000	CWS	201800804	Radium, Combined (226, 228)	31-Mar-18	MCL (Chem-Rad), Average	MCL	BCA Signed	7/20/2018
BELLEVUE MUNICIPAL UTILITIES	2191	JACKSON	IA4910000	CWS	201801341	Radium, Combined (226, 228)	30-Jun-18	MCL (Chem-Rad), Average	MCL	BCA Signed	7/20/2018
BELLEVUE MUNICIPAL UTILITIES	2191	JACKSON	IA4910000	CWS	201802039	Radium, Combined (226, 228)	30-Sep-18	MCL (Chem-Rad), Average	MCL	BCA Signed	7/20/2018
BIG CREEK BLUFFS	80	LINN	IA5784309	CWS	201900854	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/28/2019
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201801179	Failure to conduct Public Notice	20-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201801181	Failure to conduct Public Notice	20-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018

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
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201801180	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201801182	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201801092	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/18/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201801093	Nitrate (as N)	30-Apr-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/18/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201801284	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/18/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201801285	Nitrate (as N)	31-May-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/18/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201802139	Failure to conduct Public Notice	21-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/18/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201802140	Failure to conduct Public Notice	21-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/18/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201900220	Failure to conduct Public Notice	23-Sep-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/19/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201900221	Failure to conduct Public Notice	23-Sep-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/19/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201900135	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/9/2019
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201900136	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/9/2019
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201900628	Nitrate (as N)	30-Sep-18	Operations Report	RPT	NOV Issued	10/29/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201900449	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/9/2019
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201900450	Nitrate (as N)	31-Oct-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/9/2019
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	201800774	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
BLAIRS FERRY MANOR	75	LINN	IA5784316	CWS	201800893	Failure to conduct Public Notice	24-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
BLAIRS FERRY MANOR	75	LINN	IA5784316	CWS	201800915	Failure to issue Lead Consumer Notice	31-Mar-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	4/3/2018
BLUFF LAKE CATFISH FARM	125	JACKSON	IA4950794	TNC	201800960	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/4/2018
BLUFFTON STORE	60	WINNESHIEK	IA9630773	TNC	201800773	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/15/2018
BLUFFTON STORE	60	WINNESHIEK	IA9630773	TNC	201900200	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/15/2018
BLUFFTON STORE	60	WINNESHIEK	IA9630773	TNC	201900201	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/19/2018

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
BODENSTEINER IMPL (LS)	43	HOWARD	IA4535201	TNC	201802000	Failure to conduct Public Notice	27-Jul-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/14/2018
BODENSTEINER IMPL (LS)	43	HOWARD	IA4535201	TNC	201801665	<i>E. coli</i>	31-Jul-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	8/14/2018
BODENSTEINER IMPL (LS)	43	HOWARD	IA4535201	TNC	201900562	<i>E. coli</i>	07-Oct-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/29/2018
BONAPARTE WATER SUPPLY	433	VAN BUREN	IA8914031	CWS	201900863	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/12/2019
BOONDOCKS DBA JAY BROS TRUCK STOP	610	HAMILTON	IA4070201	TNC	201801717	<i>E. coli</i>	31-Aug-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	11/1/2018
BRIGHTON MUNICIPAL WATER SUPPLY	660	WASHINGTON	IA9209043	CWS	201801567	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/24/2018
BRIGHTON MUNICIPAL WATER SUPPLY	660	WASHINGTON	IA9209043	CWS	201900197	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/19/2018
BRISTOW MUNI WATER SUPPLY	160	BUTLER	IA1222044	CWS	201802219	Nitrate (as N)	30-Sep-18	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/15/2019
BRISTOW MUNI WATER SUPPLY	160	BUTLER	IA1222044	CWS	201900290	Nitrate (as N)	31-Oct-18	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/15/2019
BUFFALO CENTER MUNI WATER DEPT	907	WINNEBAGO	IA9506052	CWS	201801569	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2018
BUFFALO CENTER MUNI WATER DEPT	907	WINNEBAGO	IA9506052	CWS	201801848	Nitrogen-Ammonia (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/8/2018
BUFFALO RUN GOLF CLUB	51	CERRO GORDO	IA3423801	TNC	201801307	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/25/2018
BURR OAK LUTHERAN CHURCH	50	WINNESHIEK	IA9609874	TNC	201800713	Nitrate (as N)	31-Jan-18	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/30/2018
BURR OAK LUTHERAN CHURCH	50	WINNESHIEK	IA9609874	TNC	201800741	Nitrate (as N)	28-Feb-18	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/30/2018
BURR OAK LUTHERAN CHURCH	50	WINNESHIEK	IA9609874	TNC	201800858	Nitrate (as N)	31-Mar-18	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/30/2018
BURR OAK MOTEL	46	KOSSUTH	IA5502728	TNC	201800963	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/2/2018
BURR OAK MOTEL	46	KOSSUTH	IA5502728	TNC	201800964	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2018
CALKINS NATURE CENTER	27	HARDIN	IA4260401	TNC	201900749	Failure to obtain Construction Permit	20-Dec-18	Construction Without Permit	STA	NOV Issued	12/20/2018
CAMP ABE LINCOLN	210	SCOTT	IA8215448	TNC	201801712	Chlorine	30-Jul-18	Operations Report	RPT	Compliance Achieved	8/10/2018
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	201801171	Failure to conduct Public Notice	22-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
CAMP C S KLAUS BOY SCOUT CAMP	152	CLAYTON	IA2809812	TNC	201801444	Failure to complete Start-Up Procedures	30-Jun-18	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/3/2018
CAMP INGAWANIS-RANGER WELL	150	BREMER	IA0990402	TNC	201800760	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018

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
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201900178	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/26/2018
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201900179	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/26/2018
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201900180	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/26/2018
CAMP TANAGER	134	LINN	IA5715401	TNC	201801599	Failure to conduct Public Notice	21-Jun-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/5/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201801532	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201801533	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201801534	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/27/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201801535	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/27/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201900086	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/11/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201900570	Failure to conduct Public Notice	29-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201900571	Failure to conduct Public Notice	29-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201900572	Failure to conduct Public Notice	29-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201900573	Failure to conduct Public Notice	29-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
CAMP WYOMING	191	JONES	IA5396409	TNC	201900717	<i>E. coli</i>	19-Nov-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/3/2019
CANTRIL WATER SUPPLY	222	VAN BUREN	IA8920001	CWS	201801718	Chlorine	31-May-18	Operations Report	RPT	Compliance Achieved	8/1/2018
CANTRIL WATER SUPPLY	222	VAN BUREN	IA8920001	CWS	201801996	Chlorine	31-May-18	Operations Report	RPT	Compliance Achieved	8/1/2018
CARD, INC.	50	BUTLER	IA1228803	TNC	201801411	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/8/2019
CARD, INC.	50	BUTLER	IA1228803	TNC	201802134	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/25/2018
CARD, INC.	50	BUTLER	IA1228803	TNC	201802083	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/30/2018
CASEYS #3449	715	LOUISA	IA5857201	TNC	201800994	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/26/2018
CASEYS #3449	715	LOUISA	IA5857201	TNC	201802185	Chlorine	01-Jul-18	Operations Report	RPT	Compliance Achieved	9/1/2018
CASEYS #3449	715	LOUISA	IA5857201	TNC	201901413	Failure to maintain minimum chlorine residual	01-Jul-18	Groundwater Rule (GWR)	TT	Compliance Achieved	9/1/2018

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
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201800767	Failure to conduct Public Notice	22-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/8/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201800766	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201800966	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/25/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201801050	Chlorine	31-Mar-18	Operations Report	RPT	NOV Issued	4/16/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201801936	Failure to conduct Public Notice	16-Jul-18	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201801935	Failure to conduct Public Notice	21-Jul-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/15/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201802102	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/5/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201900149	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/5/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201900150	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/5/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201900632	Chlorine	30-Sep-18	Operations Report	RPT	NOV Issued	10/29/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201900574	Failure to conduct Public Notice	16-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201900471	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/5/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201900819	Failure to conduct Public Notice	23-Dec-18	Public Notice Rule Linked to Violation	PN	NOV Issued	1/16/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201900794	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/31/2019
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201900840	Chlorine	31-Dec-18	Operations Report	RPT	NOV Issued	1/14/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201801416	Failure to complete Start-Up Procedures	31-Mar-18	Start-Up Procedures TT (RTCR)	TT	BCA Signed	1/18/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201801095	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/31/2018
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201801778	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/17/2018
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201802142	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	BCA Signed	1/18/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201802141	Failure to conduct Public Notice	20-Aug-18	Public Notice Rule Linked to Violation	PN	BCA Signed	1/18/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201802093	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/17/2018
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201900451	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	BCA Signed	1/18/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201900723	Failure to conduct Public Notice	20-Nov-18	Public Notice Rule Linked to Violation	PN	BCA Signed	1/18/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201900702	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	BCA Signed	1/18/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201900818	Failure to conduct Public Notice	28-Dec-18	Public Notice Rule Linked to Violation	PN	BCA Signed	1/18/2019
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201900787	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	BCA Signed	1/18/2019
CEDAR RIVER HARLEY DAVIDSON	33	FLOYD	IA3405202	TNC	201801319	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/12/2018
CEDAR RIVER TRAILER PARK	53	LOUISA	IA5800601	CWS	201801544	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/23/2018
CEDARCREST GOLF & COUNTRY CLUB	146	LOUISA	IA5815825	TNC	201801430	Failure to complete Start-Up Procedures	30-Mar-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/19/2018
CEDARCREST GOLF & COUNTRY CLUB	146	LOUISA	IA5815825	TNC	201801381	Failure to conduct Level 1 Assessment	30-Jun-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	8/1/2018
CENTER JUNCTION (EIRUSS)	111	JONES	IA5315005	CWS	201801105	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/15/2018
CENTRAL PARK - JONES CONSERVATION	260	JONES	IA5315967	TNC	201900724	Failure to conduct Public Notice	21-Nov-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/31/2019
CENTRAL PARK - JONES CONSERVATION	260	JONES	IA5315967	TNC	201900721	<i>E. coli</i>	25-Nov-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/2/2019
CENTRAL PARK - JONES CONSERVATION	260	JONES	IA5315967	TNC	201900769	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	1/20/2019
CHASE MOBILE HOME PARK	72	HARDIN	IA4260602	CWS	201801961	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/4/2018
CHESTNUT RIDGE	33	LINN	IA5784312	CWS	201800843	Failure to conduct Level 1 Assessment	28-Feb-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	8/23/2018
CHIMNEY ROCK CANOE RENTAL & CAMPGROUND	122	WINNESHIEK	IA9606201	TNC	201900810	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/22/2019
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201800765	Failure to conduct Public Notice	22-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/15/2018
CINCINNATI MUNICIPAL WATER CO	357	APPANOOSE	IA0410026	CWS	201900687	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/13/2018
CINCINNATI MUNICIPAL WATER CO	357	APPANOOSE	IA0410026	CWS	201900764	Chlorine	30-Nov-18	Operations Report	RPT	Compliance Achieved	12/31/2018
CLARENCE WATER SUPPLY	974	CEDAR	IA1630028	CWS	201801513	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/25/2018
CLARKS FERRY	52	MUSCATINE	IA7038402	TNC	201900490	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/19/2018
CLARMOND COUNTRY CLUB	35	WRIGHT	IA9905872	TNC	201800989	Failure to complete Start-Up Procedures	31-Mar-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/15/2019
CLARMOND COUNTRY CLUB	35	WRIGHT	IA9905872	TNC	201801606	Failure to conduct Public Notice	20-Jun-18	Public Notice Rule Linked to Violation	PN	NOV Issued	7/19/2018

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
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	201801357	Failure to conduct Level 1 Assessment	30-Jun-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	NOV Issued	8/17/2018
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	201801757	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/11/2018
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	201801758	Nitrate (as N)	31-Jul-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/11/2018
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	201802080	Nitrate (as N)	31-Aug-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/11/2018
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	201802081	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/11/2018
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	201900627	Chlorine	31-Aug-18	Operations Report	RPT	Compliance Achieved	12/6/2018
CLIMAX MOLYBDENUM COMPANY	150	LEE	IA5625140	NTNC	201801538	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/24/2018
CLOVER RIDGE SUBDIVISION	370	BENTON	IA0690301	CWS	201900858	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/4/2019
CLOVER RIDGE SUBDIVISION	370	BENTON	IA0690301	CWS	201900893	Gross Alpha, excluding Rn & U	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/27/2019
COACH ROAD WELL ASSOCIATION	40	CEDAR	IA1600301	CWS	201801278	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/26/2018
COACH ROAD WELL ASSOCIATION	40	CEDAR	IA1600301	CWS	201801702	Failure to meet Compliance Schedule	01-Jul-18	Compliance Schedule	V/E	Compliance Achieved	3/7/2019
COACH ROAD WELL ASSOCIATION	40	CEDAR	IA1600301	CWS	201900218	<i>E. coli</i>	02-Sep-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/29/2018
COACH ROAD WELL ASSOCIATION	40	CEDAR	IA1600301	CWS	201900720	<i>E. coli</i>	12-Nov-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	12/6/2018
COACH ROAD WELL ASSOCIATION	40	CEDAR	IA1600301	CWS	201900689	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/27/2018
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201801540	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
COGGON WATER DEPARTMENT	658	LINN	IA5722053	CWS	201802103	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/24/2018
COIN WATER SUPPLY	193	PAGE	IA7335054	CWS	201900166	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/4/2018
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	201801006	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/30/2018
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	201801162	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/30/2018
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	201801588	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/29/2018
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	201801919	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/29/2018
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	201802158	Failure to conduct Public Notice	21-Aug-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/13/2018

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
COMMUNITY COUNTRY STORE ANNEX	36	JOHNSON	IA5221209	TNC	201801007	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/9/2018
COONHUNTERS	52	JONES	IA5377201	TNC	201801632	<i>E. coli</i>	31-Jul-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	8/15/2018
CORNER MARKET	252	SCOTT	IA8258201	TNC	201802128	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/27/2018
CORNER MARKET	252	SCOTT	IA8258201	TNC	201900713	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/29/2019
CORNER MARKET	252	SCOTT	IA8258201	TNC	201900829	Failure to conduct Public Notice	22-Dec-18	Public Notice Rule Linked to Violation	PN	NOV Issued	1/17/2019
CORPORATION OF NEW MELLERAY	90	DUBUQUE	IA3100899	CWS	201801052	Chlorine	31-Mar-18	Operations Report	RPT	NOV Issued	4/12/2018
CORRIDOR RIDGE SUBDIVISION	108	JOHNSON	IA5280303	CWS	201801953	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/30/2018
CORWITH WATER SUPPLY	309	HANCOCK	IA4109077	CWS	201800805	Failure to consult with DNR	14-Jan-18	Failure to Consult, GWR	RPT	Compliance Achieved	3/22/2018
CORWITH WATER SUPPLY	309	HANCOCK	IA4109077	CWS	201801962	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/27/2018
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201801286	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/5/2018
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201801287	Nitrate (as N)	31-May-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/5/2018
COUNTY LINE	30	DUBUQUE	IA3198201	TNC	201800784	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
COUNTY LINE	30	DUBUQUE	IA3198201	TNC	201801593	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/13/2018
COUNTY LINE	30	DUBUQUE	IA3198201	TNC	201801594	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2018
COUNTY LINE	30	DUBUQUE	IA3198201	TNC	201900590	Failure to conduct Public Notice	22-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
COUNTY LINE	30	DUBUQUE	IA3198201	TNC	201900591	Failure to conduct Public Notice	22-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
CRAWFORD CREEK PARK	250	IDA	IA4728957	TNC	201801783	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/22/2018
CRESTON WATER SUPPLY	7834	UNION	IA8816089	CWS	201801476	Failed to meet direct integrity test	11-Jul-18	Surface Water Treatment Rule (LT1ESWTR)	TT	Compliance Achieved	8/10/2018
CRESTWOOD ACRES	50	LINN	IA5784314	CWS	201900855	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/28/2019
CROOKED CREEK CHRISTIAN CAMP	43	WASHINGTON	IA9271801	TNC	201900070	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/22/2018
CROP PRODUCTION SERVICES	49	HARRISON	IA4316201	TNC	201802012	Failure to meet Compliance Schedule	01-Aug-18	Compliance Schedule	V/E	BCA Signed	8/30/2018
CRYSTAL LAKE WATER SUPPLY	250	HANCOCK	IA4115092	CWS	201801233	Copper	30-Jun-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/8/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CULVERS LAWN AND GARDEN	120	LINN	IA5751202	TNC	201801315	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2018
D & M ADDITION	80	LINN	IA5784318	CWS	201900856	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/28/2019
DAIRY MART	62	WASHINGTON	IA9203763	TNC	201801194	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
DAIRY MART	62	WASHINGTON	IA9203763	TNC	201900196	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/18/2018
DAVIS CITY WATER SUPPLY	204	DECATUR	IA2715009	CWS	201900695	Total Haloacetic Acids (HAA5)	31-Oct-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/28/2019
DAVIS CITY WATER SUPPLY	204	DECATUR	IA2715009	CWS	201900696	Total Trihalomethanes (TTHM)	31-Oct-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/28/2019
DAVIS CITY WATER SUPPLY	204	DECATUR	IA2715009	CWS	201900694	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/26/2018
DAVIS CITY WATER SUPPLY	204	DECATUR	IA2715009	CWS	201900765	Chlorine	30-Nov-18	Operations Report	RPT	NOV Issued	1/15/2019
DAYBREAK FOODS EAGLE GROVE COMPLEX	210	WRIGHT	IA9926801	NTNC	201801703	Copper	31-Dec-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/7/2018
DE SOTO WATER SUPPLY	1050	DALLAS	IA2529035	CWS	201801695	Chlorine	30-Jun-18	Monitoring (MOR)	MON	Compliance Achieved	9/1/2018
DECORAH SALES COMMISSION	105	WINNESHIEK	IA9630212	TNC	201900677	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	1/9/2019
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201801083	Selenium	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2018
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201801966	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/26/2018
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201900437	Sodium	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/27/2018
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201900847	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/28/2019
DEER CREEK SUBDIVISION (FORT DODGE)	55	WEBSTER	IA9433302	CWS	201900869	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/3/2019
DEER VALLEY LODGE	100	CERRO GORDO	IA1785421	TNC	201801172	Failure to conduct Public Notice	04-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
DEER VALLEY LODGE	100	CERRO GORDO	IA1785421	TNC	201801418	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/4/2018
DEER VALLEY LODGE	100	CERRO GORDO	IA1785421	TNC	201802135	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/25/2018
DEER VALLEY LODGE	100	CERRO GORDO	IA1785421	TNC	201900118	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/29/2018
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201801202	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201801203	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018

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
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201801156	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/29/2018
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201801582	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/8/2018
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201801913	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/8/2018
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201900260	Failure to conduct Level 1 Assessment	31-Oct-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	4/1/2019
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	201900008	Nitrate (as N)	30-Sep-18	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	10/1/2018
DELAWARE MUNICIPAL WATER SUPPLY	159	DELAWARE	IA2813019	CWS	201800870	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/21/2018
DELAWARE MUNICIPAL WATER SUPPLY	159	DELAWARE	IA2813019	CWS	201801087	Gross Alpha, excluding Rn & U	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/17/2018
DELHI LAKEVIEW ESTATES	35	DELAWARE	IA2817456	TNC	201900128	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/18/2018
DES MOINES WATER WORKS	233020	POLK	IA7727031	CWS	201900496	Cyanide	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/28/2018
DES MOINES WATER WORKS	233020	POLK	IA7727031	CWS	201900497	Cyanide	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/28/2018
DIAGONAL WATER DEPARTMENT	330	RINGGOLD	IA8018040	CWS	201900511	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/14/2018
DIAGONAL WATER DEPARTMENT	330	RINGGOLD	IA8018040	CWS	201900512	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/14/2018
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	201900203	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/1/2018
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	201800776	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
DUNCOMBE WATER SUPPLY	413	WEBSTER	IA9427082	CWS	201900229	Failure to conduct Public Notice	01-Oct-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/31/2018
EAGLE GROVE WATER SUPPLY	3583	WRIGHT	IA9926096	CWS	201802123	Total Haloacetic Acids (HAA5)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/24/2018
EAGLE GROVE WATER SUPPLY	3583	WRIGHT	IA9926096	CWS	201802124	Total Trihalomethanes (TTHM)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/24/2018
EAST MILLS SCHOOL	285	MILLS	IA6527545	NTNC	201800971	Total Haloacetic Acids (HAA5)	31-Jan-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	7/11/2018
EAST MILLS SCHOOL	285	MILLS	IA6527545	NTNC	201800972	Total Trihalomethanes (TTHM)	31-Jan-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	7/11/2018
EAST MILLS SCHOOL	285	MILLS	IA6527545	NTNC	201801293	Total Trihalomethanes (TTHM)	30-Apr-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	7/11/2018
EAST MILLS SCHOOL	285	MILLS	IA6527545	NTNC	201801294	Total Haloacetic Acids (HAA5)	30-Apr-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	7/11/2018
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	201801185	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/22/2018

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
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	201801186	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/22/2018
EL BURRITO HOUSE	45	DUBUQUE	IA3130731	TNC	201900132	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/12/2018
EL BURRITO HOUSE	45	DUBUQUE	IA3130731	TNC	201900445	Nitrate (as N)	31-Oct-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/12/2018
ELBERON WATER SUPPLY	196	TAMA	IA8631003	CWS	201800913	Failure to issue Lead Consumer Notice	31-Mar-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	4/24/2018
ELBERON WATER SUPPLY	196	TAMA	IA8631003	CWS	201900861	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/28/2019
ELEGANT INN (WEST LIBERTY)	50	CEDAR	IA7073707	TNC	201801325	<i>E. coli</i>	19-May-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/24/2018
ELEGANT INN (WEST LIBERTY)	50	CEDAR	IA7073707	TNC	201801472	Coliform (TCR)	30-Jun-18	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2018
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201801053	Failure to address a Significant Deficiency	01-Apr-18	Failure Address Deficiency (GWR)	TT	Compliance Achieved	4/18/2018
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201801174	Failure to conduct Public Notice	04-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201801173	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201801442	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/25/2019
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201801327	Failure to conduct Public Notice	21-May-18	Public Notice Rule Linked to Violation	PN	NOV Issued	6/19/2018
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201801933	Failure to conduct Public Notice	16-Jul-18	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2018
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201802136	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/18/2018
ELLIOTT WATER SUPPLY	350	MONTGOMERY	IA6915015	CWS	201801549	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/10/2018
ELLIOTT WATER SUPPLY	350	MONTGOMERY	IA6915015	CWS	201801550	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/10/2018
ELMA WATER SUPPLY	546	HOWARD	IA4525017	CWS	201801782	Gross Alpha, excluding Rn & U	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/11/2018
F B & COMPANY	42	LINN	IA5720201	TNC	201800881	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/28/2018
F B & COMPANY	42	LINN	IA5720201	TNC	201800990	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/30/2018
F B & COMPANY	42	LINN	IA5720201	TNC	201801607	Failure to conduct Public Notice	25-Jun-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/9/2018
F B & COMPANY	42	LINN	IA5720201	TNC	201802125	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/25/2018
FAIRFIELD WATER SUPPLY	9509	JEFFERSON	IA5131033	CWS	201900615	Chlorine	31-Oct-18	Operations Report	RPT	Compliance Achieved	1/1/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	201801009	<i>E. coli</i>	04-Mar-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	5/2/2018
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	201900281	Copper	30-Sep-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/29/2018
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	201900283	Lead	30-Sep-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/29/2018
FARLEY WATER SUPPLY	1537	DUBUQUE	IA3135018	CWS	201900446	Nitrogen-Ammonia (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/3/2018
FARLEY WATER SUPPLY	1537	DUBUQUE	IA3135018	CWS	201900447	Nitrogen-Ammonia (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/3/2018
FERTILE MUNICIPAL WATER	370	WORTH	IA9820010	CWS	201801957	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/30/2018
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	201801205	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801570	Nitrite (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801571	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801572	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/15/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801850	Copper	30-Jun-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	10/21/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801851	Lead	30-Jun-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	10/21/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801852	Alachlor (Lasso)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801853	Atrazine	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801854	2,4-D	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801855	Di(2-Ethylhexyl) Adipate	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801856	Di(2-Ethylhexyl) Phthalate	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801857	Pentachlorophenol	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801858	Picloram	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801859	Simazine	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801860	Diquat	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801861	Glyphosate	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018

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
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801862	Benzene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801863	Carbon Tetrachloride	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801864	o-Dichlorobenzene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801865	p-Dichlorobenzene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801866	1,2-Dichloroethane	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801867	cis-1,2-Dichloroethylene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801868	1,1-Dichloroethylene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801869	trans-1,2-Dichloroethylene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801870	Dichloromethane	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801871	1,2-Dichloropropane	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801872	Ethylbenzene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801873	Monochlorobenzene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801874	Styrene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801875	Tetrachloroethylene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801876	Toluene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801877	1,2,4-Trichlorobenzene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801878	1,1,1-Trichloroethane	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801879	1,1,2-Trichloroethane	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801880	Trichloroethylene	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801881	Vinyl Chloride	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801882	Xylenes	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801883	Beryllium	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018

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
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801884	Cyanide	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801885	Antimony	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801886	Arsenic	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801887	Barium	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801888	Cadmium	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801889	Chromium	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801890	Fluoride	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801891	Mercury	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801892	Selenium	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FIVE STAR COOPERATIVE (SCARVILLE)	114	WINNEBAGO	IA9580073	NTNC	201801893	Thallium	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
FONDA WATER SUPPLY	666	POCAHONTAS	IA7603045	CWS	201900492	Nitrogen-Ammonia (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/10/2018
FOREST OAK PROPERTIES	109	JOHNSON	IA5285209	TNC	201802074	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	11/27/2018
FOREST OAK PROPERTIES	109	JOHNSON	IA5285209	TNC	201900563	<i>E. coli</i>	07-Oct-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/27/2018
FREDERICKSBURG WATER SUPPLY	931	CHICKASAW	IA1940068	CWS	201900123	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/8/2018
FREEZE FRAME BOWL	55	FLOYD	IA1253851	TNC	201801168	Failure to conduct Public Notice	04-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
FREEZE FRAME BOWL	55	FLOYD	IA1253851	TNC	201900778	Nitrate (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/26/2019
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201800873	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/29/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201800874	Nitrate (as N)	28-Feb-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/29/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201800875	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/29/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201800876	Nitrate (as N)	28-Feb-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/29/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801049	Chlorine	31-Mar-18	Operations Report	RPT	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801187	Failure to conduct Public Notice	16-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018

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
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801600	Failure to conduct Public Notice	25-Jun-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801601	Failure to conduct Public Notice	25-Jun-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801602	Failure to conduct Public Notice	25-Jun-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801603	Failure to conduct Public Notice	25-Jun-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801542	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/31/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801543	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/31/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801653	Chlorine	30-Jun-18	Operations Report	RPT	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201801937	Failure to conduct Public Notice	16-Jul-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201802105	Nitrate (as N)	31-Aug-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201802106	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201802107	Nitrate (as N)	31-Aug-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/16/2018
FULLER'S DAM BAR AND GRILL INC	29	LINN	IA5786890	TNC	201802108	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/16/2018
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201800607	Arsenic	31-Mar-18	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201801038	Arsenic	30-Jun-18	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201801721	Arsenic	30-Sep-18	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201900242	Arsenic	31-Dec-18	MCL (Chem-Rad), Average	MCL	BCA Signed	5/8/2019
GANESH TRAVEL PLAZA	395	CEDAR	IA1600605	TNC	201801010	Failure to conduct Public Notice	22-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/5/2018
GILBERTVILLE WATER WORKS	717	BLACK HAWK	IA0733084	CWS	201900688	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/12/2018
GOLDEN ARROW MHC	125	WAPELLO	IA9083601	CWS	201800758	Coliform bacteria	31-Jan-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2018
GOODELL WATER SUPPLY	139	HANCOCK	IA4135093	CWS	201801525	Nitrite (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/13/2018
GOODELL WATER SUPPLY	139	HANCOCK	IA4135093	CWS	201801781	Nitrogen-Ammonia (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/10/2018
GRACE LUTHERAN CAMP INC	30	CLINTON	IA2330401	TNC	201802090	Nitrate (as N)	31-Aug-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/18/2018

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
GRAND VIEW RESORT	35	PALO ALTO	IA2100625	TNC	201801084	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/2/2018
GRAND VIEW RESORT	35	PALO ALTO	IA2100625	TNC	201801518	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/9/2018
GRANDVIEW MUNI WATER DEPT	568	LOUISA	IA5842000	CWS	201800967	Nitrite (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2018
GRANDVIEW MUNI WATER DEPT	568	LOUISA	IA5842000	CWS	201800968	Nitrite (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2018
GRANDVIEW MUNI WATER DEPT	568	LOUISA	IA5842000	CWS	201802111	Total Haloacetic Acids (HAA5)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2018
GRANDVIEW MUNI WATER DEPT	568	LOUISA	IA5842000	CWS	201802112	Total Trihalomethanes (TTHM)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2018
GRANGER MUNI WATER SUPPLY	1244	DALLAS	IA2537001	CWS	201900291	Copper	30-Sep-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/15/2018
GREEN ACRES MOBILE HOME PARK	205	DES MOINES	IA2900603	CWS	201900267	Failure to address a Significant Deficiency	31-Oct-18	Failure Address Deficiency (GWR)	TT	NOV Issued	10/12/2018
GREEN VALLEY GOLF COURSE	180	WOODBURY	IA9778201	TNC	201801003	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/3/2018
GREENWOOD ACRES WATER CO.	325	POLK	IA7709395	CWS	201900289	Copper	30-Sep-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	12/24/2018
GREENWOOD ACRES WATER CO.	325	POLK	IA7709395	CWS	201900284	Failure to meet Compliance Schedule	26-Oct-18	Compliance Schedule	V/E	NOV Issued	10/26/2018
GUPPY'S ON THE GO	506	LINN	IA0690201	TNC	201801691	Failure to conduct Level 1 Assessment	31-Aug-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	9/18/2018
HAMMYS HIDEOUT	27	ALLAMAKEE	IA0397201	TNC	201801201	Failure to conduct Public Notice	23-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
HAMMYS HIDEOUT	27	ALLAMAKEE	IA0397201	TNC	201901132	Failure to meet Compliance Schedule	15-Oct-18	Compliance Schedule	V/E	NOV Issued	4/4/2019
HANCOCK COUNTY FAIRGROUNDS	27	HANCOCK	IA4103201	TNC	201801046	Failure to conduct Level 1 Assessment	30-Apr-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	7/10/2018
HANLONTOWN WATER SUPPLY SYSTEM	228	WORTH	IA9830001	CWS	201900202	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/15/2018
HAWARDEN WATER SUPPLY	2546	SIOUX	IA8434040	CWS	201900186	Total Haloacetic Acids (HAA5)	31-Aug-18	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2018
HAWARDEN WATER SUPPLY	2546	SIOUX	IA8434040	CWS	201900187	Total Trihalomethanes (TTHM)	31-Aug-18	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2018
HEDRICK WATER SUPPLY	764	KEOKUK	IA5432042	CWS	201900465	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/30/2018
HEDRICK WATER SUPPLY	764	KEOKUK	IA5432042	CWS	201900466	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/30/2018
HERITAGE OAKS GOLF & COUNTRY CLUB	60	LOUISA	IA5879826	TNC	201801188	Failure to conduct Public Notice	18-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/29/2018
HICKORY HILLS FIRST ANNEX HOA	156	SCOTT	IA8215372	CWS	201800846	Coliform (RTCR)	06-Mar-18	Compliance Schedule	V/E	Compliance Achieved	6/6/2018

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
HICKORY HILLS SUBDIVISION #2	181	SCOTT	IA8215303	CWS	201802130	<i>E. coli</i>	26-Aug-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/29/2018
HIDDEN HILLS GOLF COURSE	155	SCOTT	IA8209802	TNC	201800978	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/14/2018
HIDDEN HILLS GOLF COURSE	155	SCOTT	IA8209802	TNC	201801140	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/14/2018
HIGH AND WEST AMANA WATER SUPPLY	250	IOWA	IA4880087	CWS	201900593	Copper	30-Jun-18	AL (Pb/Cu), 90th Percentile	MCL	Lead/Copper DEEM	1/9/2019
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	201900808	Nitrate (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/20/2019
HIGHLAND HIGH SCHOOL	405	WASHINGTON	IA9260528	NTNC	201801847	Arsenic	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/14/2018
HIGHLAND HIGH SCHOOL	405	WASHINGTON	IA9260528	NTNC	201900198	Total Haloacetic Acids (HAA5)	31-Aug-18	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2018
HIGHLAND HIGH SCHOOL	405	WASHINGTON	IA9260528	NTNC	201900199	Total Trihalomethanes (TTHM)	31-Aug-18	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2018
HILLSBORO WATER WORKS	234	HENRY	IA4425032	CWS	201800914	Failure to issue Lead Consumer Notice	31-Mar-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	9/1/2018
HILLSBORO WATER WORKS	234	HENRY	IA4425032	CWS	201900139	Nitrite (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/27/2018
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	201900779	Nitrate (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/23/2019
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	201900844	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/21/2019
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	201900894	Sodium	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/19/2019
HIM HEARTH N HOME COOKING	57	WASHINGTON	IA9233205	TNC	201801502	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	7/16/2018
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	201801432	Failure to complete Start-Up Procedures	31-May-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/30/2018
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	201801591	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2018
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	201900212	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/1/2018
HOMESTEAD WATER SUPPLY	148	IOWA	IA4830036	CWS	201900140	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/29/2018
HOMESTEAD WATER SUPPLY	148	IOWA	IA4830036	CWS	201900460	Nitrogen-Ammonia (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/19/2018
HOOT OWL HOLLOW CAMPGROUND	30	DUBUQUE	IA3126410	TNC	201801922	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/14/2018
HOOTYS	29	FAYETTE	IA3383202	TNC	201801000	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/21/2018
HOSPERS MUNICIPAL WATER DEPT	706	SIOUX	IA8439058	CWS	201800753	Coliform bacteria	31-Jan-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/14/2018

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
HUMBOLDT COUNTRY CLUB	82	HUMBOLDT	IA4641884	TNC	201801415	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/3/2018
HUMBOLDT COUNTRY CLUB	82	HUMBOLDT	IA4641884	TNC	201801694	Failure to consult with DNR	23-Jun-18	Failure to Consult, GWR	RPT	Compliance Achieved	8/2/2018
INDIANOLA WATER SUPPLY	14782	WARREN	IA9133075	CWS	201900521	Nitrogen-Ammonia (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/6/2018
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201800726	Total Trihalomethanes (TTHM)	31-Mar-18	MCL (Chem-Rad), Average	MCL	BCA Signed	11/27/2018
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201801263	Total Trihalomethanes (TTHM)	30-Jun-18	MCL (Chem-Rad), Average	MCL	BCA Signed	11/27/2018
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201801264	Total Haloacetic Acids (HAA5)	30-Jun-18	MCL (Chem-Rad), Average	MCL	BCA Signed	11/27/2018
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201900610	Total Trihalomethanes (TTHM)	30-Jul-18	MCL (Chem-Rad), Average	MCL	BCA Signed	11/27/2018
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201900612	Total Haloacetic Acids (HAA5)	30-Jul-18	MCL (Chem-Rad), Average	MCL	BCA Signed	11/27/2018
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201900611	Total Trihalomethanes (TTHM)	31-Oct-18	MCL (Chem-Rad), Average	MCL	BCA Signed	11/27/2018
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201900613	Total Haloacetic Acids (HAA5)	31-Oct-18	MCL (Chem-Rad), Average	MCL	BCA Signed	11/27/2018
IOWA CITY MHP LLC	280	JOHNSON	IA5200601	CWS	201801530	Nitrite (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/4/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201800935	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/23/2018
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201900115	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/31/2018
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201900773	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/6/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201900774	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/6/2019
IRISH SHANTY LLC	25	CLAYTON	IA0375838	TNC	201900842	Chlorine	31-Dec-18	Operations Report	RPT	NOV Issued	1/14/2019
JAMAICA WATER SUPPLY	224	GUTHRIE	IA3949000	CWS	201801645	Copper	30-Jun-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	7/23/2018
JAMAICA WATER SUPPLY	224	GUTHRIE	IA3949000	CWS	201801965	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/21/2018
JAMAICA WATER SUPPLY	224	GUTHRIE	IA3949000	CWS	201802144	Failure to conduct Public Notice	06-Aug-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/26/2018
JIMI B	35	JACKSON	IA3113200	TNC	201900072	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	11/30/2018
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201801074	<i>E. coli</i>	31-May-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	6/7/2018
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201801467	Nitrate (as N)	31-Jul-18	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	7/13/2018

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
JOES CAMPGROUND	32	ALLAMAKEE	IA0315204	TNC	201801945	Failure to conduct Public Notice	23-Jul-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/1/2018
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201801204	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/25/2018
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201801916	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/15/2018
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201900729	Failure to conduct Public Notice	20-Nov-18	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2018
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201900712	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/27/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201801039	Chlorine	31-Mar-18	Operations Report	RPT	NOV Issued	4/16/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201801199	Failure to conduct Public Notice	04-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201801646	Chlorine	30-Jun-18	Operations Report	RPT	NOV Issued	7/19/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201801952	Chlorine	30-Jun-18	Record Keeping	RPT	NOV Issued	8/6/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201801941	Failure to conduct Public Notice	16-Jul-18	Public Notice Rule Linked to Violation	PN	NOV Issued	8/16/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201900318	Chlorine	30-Sep-18	Operations Report	RPT	NOV Issued	10/29/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201900582	Failure to conduct Public Notice	16-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201900876	Chlorine	31-Dec-18	Operations Report	RPT	NOV Issued	1/14/2019
KALONA WATER DEPT	2363	WASHINGTON	IA9233012	CWS	201900802	Methyl tert-Butyl Ether (MTBE)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/17/2019
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201800768	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/22/2018
KELLEY WATER SUPPLY	309	STORY	IA8548016	CWS	201900040	Lead	30-Sep-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/16/2018
KELLOGG WATER SUPPLY	599	JASPER	IA5038017	CWS	201801970	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/24/2018
KEOSAUQUA WATER WORKS	1006	VAN BUREN	IA8938026	CWS	201800856	Chlorine	28-Feb-18	Monitoring (MOR)	MON	Compliance Achieved	9/1/2018
KEOSAUQUA WATER WORKS	1006	VAN BUREN	IA8938026	CWS	201801635	Chlorine	30-Jul-18	Operations Report	RPT	Compliance Achieved	9/1/2018
KEOTA WATER DEPT	1009	KEOKUK	IA5440028	CWS	201801536	Nitrite (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/11/2018
KEOTA WATER DEPT	1009	KEOKUK	IA5440028	CWS	201801537	Nitrite (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/11/2018
KEOTA WATER DEPT	1009	KEOKUK	IA5440028	CWS	201801785	Nitrogen-Ammonia (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/11/2018

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
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201802205	Nitrite (as N)	30-Sep-18	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/29/2019
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201900402	Nitrogen-Ammonia (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/25/2018
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201900403	Nitrogen-Ammonia (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/25/2018
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201900857	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/28/2019
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	201800891	Failure to conduct Public Notice	10-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	201801392	Failure to meet Compliance Schedule	10-May-18	Compliance Schedule	V/E	NOV Issued	6/29/2018
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	201802021	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/21/2018
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	201802138	Failure to conduct Public Notice	02-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/18/2018
KNOLLCREST HOA	42	SCOTT	IA8222301	CWS	201800751	Coliform bacteria	31-Jan-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/8/2018
KNOLLCREST HOA	42	SCOTT	IA8222301	CWS	201800752	Coliform bacteria	31-Jan-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/8/2018
KOL GOL INC	42	ALLAMAKEE	IA0398102	NTNC	201900544	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/17/2018
KOL GOL INC	42	ALLAMAKEE	IA0398102	NTNC	201900545	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/17/2018
KROUL FARMS	55	LINN	IA5758203	TNC	201801321	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/13/2018
KROUL FARMS	55	LINN	IA5758203	TNC	201900716	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/18/2018
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201900832	Failure to maintain Microbial Treatment	31-Dec-18	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	1/14/2019
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800899	Failure to conduct Public Notice	19-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800898	Failure to conduct Public Notice	21-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800900	Failure to conduct Public Notice	21-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800901	Failure to conduct Public Notice	21-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801023	Failure to conduct Public Notice	05-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801024	Failure to conduct Public Notice	05-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801025	Failure to conduct Public Notice	08-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018

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
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801022	Failure to conduct Public Notice	22-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801026	Failure to conduct Public Notice	22-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801027	Failure to conduct Public Notice	22-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/17/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800609	Gross Alpha, excluding Rn & U	31-Mar-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800924	Gross Alpha, excluding Rn & U	31-Mar-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800925	Gross Alpha, excluding Rn & U	31-Mar-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800996	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800997	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201800998	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801040	Radium, Combined (226, 228)	31-Mar-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801054	Radium, Combined (226, 228)	31-Mar-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801055	Radium, Combined (226, 228)	31-Mar-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801904	Uranium	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801906	Radium, Combined (226, 228)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801907	Radium, Combined (226, 228)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801909	Uranium	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801910	Gross Alpha, excluding Rn & U	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801912	Gross Alpha, excluding Rn & U	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900623	Radium, Combined (226, 228)	30-Jun-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900625	Radium, Combined (226, 228)	30-Jun-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900631	Radium, Combined (226, 228)	30-Jun-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900633	Gross Alpha, excluding Rn & U	30-Jun-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018

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
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900634	Gross Alpha, excluding Rn & U	30-Jun-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900635	Gross Alpha, excluding Rn & U	30-Jun-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801905	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801908	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201801911	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900622	Radium, Combined (226, 228)	30-Sep-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900624	Radium, Combined (226, 228)	30-Sep-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900629	Radium, Combined (226, 228)	30-Sep-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900531	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900537	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/29/2018
LACINA MEADOWS HOA	58	JOHNSON	IA5225328	CWS	201900542	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/29/2018
LADORA WATER SUPPLY	283	IOWA	IA4840042	CWS	201801647	Chlorine	30-Jun-18	Operations Report	RPT	Compliance Achieved	9/10/2018
LAKE CREST MANOR HOA #3	300	JOHNSON	IA5200891	CWS	201802097	Total Trihalomethanes (TTHM)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2018
LAKE CREST MANOR HOA #3	300	JOHNSON	IA5200891	CWS	201802098	Total Haloacetic Acids (HAA5)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2018
LAKE MACBRIDE HEIGHTS HOA	69	JOHNSON	IA5282305	CWS	201801438	<i>E. coli</i>	30-Jun-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	8/30/2018
LAKE VIEW WATER SUPPLY	1147	SAC	IA8127048	CWS	201801352	Nitrate (as N)	07-Jun-18	Treatment Techniques (Other)	TT	Compliance Achieved	7/31/2018
LAKEVIEW KNOLLS HOMEOWNERS ASSN.	122	JOHNSON	IA5200304	CWS	201801954	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/10/2018
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	201800770	Failure to conduct Public Notice	14-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/11/2018
LAKOTA WATER SUPPLY	255	KOSSUTH	IA5540049	CWS	201801959	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/27/2018
LAKOTA WATER SUPPLY	255	KOSSUTH	IA5540049	CWS	201900868	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/7/2019
LAMONI MUNICIPAL UTILITIES	2324	DECATUR	IA2740050	CWS	201800952	Nitrite (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2018
LANGWORTHY FARMERS MARKET	25	JONES	IA5331202	TNC	201900213	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/27/2018

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
LANGWORTHY FARMERS MARKET	25	JONES	IA5331202	TNC	201900214	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2018
LAWLER WATER SUPPLY	439	CHICKASAW	IA1957064	CWS	201800943	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/27/2018
LAZY ACRES RV PARK	120	BENTON	IA0680401	TNC	201801917	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/23/2018
LAZY SUSAN CAMPGROUND	70	CLAYTON	IA2268601	TNC	201801445	Failure to complete Start-Up Procedures	31-May-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/23/2018
LAZY SUSAN CAMPGROUND	70	CLAYTON	IA2268601	TNC	201802159	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/18/2018
LEHIGH CEMENT COMPANY LLC	142	CERRO GORDO	IA1750196	NTNC	201900865	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/12/2019
LEON WATER SUPPLY	1977	DECATUR	IA2742076	CWS	201801682	Turbidity	30-Jul-18	Single Comb Filter Effluent (LT1 ESWTR)	TT	Compliance Achieved	9/1/2018
LEON WATER SUPPLY	1977	DECATUR	IA2742076	CWS	201801763	Carbon, Total Organic (TOC)	31-Jul-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/4/2018
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201800830	Failure to issue Lead Consumer Notice	19-Feb-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/18/2018
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	201801581	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/18/2018
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201801302	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/25/2018
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201801303	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/21/2018
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201900033	Chlorine	31-Aug-18	Operations Report	RPT	Compliance Achieved	2/12/2019
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201900216	<i>E. coli</i>	14-Sep-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/31/2018
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201900169	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/31/2018
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201900170	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/27/2018
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201900171	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/31/2018
LITTLEFIELD REC AREA	25	AUDUBON	IA0520905	TNC	201900116	Nitrite (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/16/2018
LITTLEFIELD REC AREA	25	AUDUBON	IA0520905	TNC	201900342	Nitrogen-Ammonia (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/21/2018
LOST CANYON MHP (PEOSTA)	97	DUBUQUE	IA3100608	CWS	201801523	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/30/2018
LOUISA COURTS MHP & SALES	121	MUSCATINE	IA7000689	CWS	201801296	Nitrate (as N)	31-May-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/21/2018
LOUISA COURTS MHP & SALES	121	MUSCATINE	IA7000689	CWS	201801675	Nitrate (as N)	31-Jul-18	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/24/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
LOUISA COURTS MHP & SALES	121	MUSCATINE	IA7000689	CWS	201802117	Nitrate (as N)	31-Aug-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/20/2018
LOUISA COURTS MHP & SALES	121	MUSCATINE	IA7000689	CWS	201900276	Nitrate (as N)	31-Oct-18	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/24/2019
LOUISA COURTS MHP & SALES	121	MUSCATINE	IA7000689	CWS	201900825	Failure to conduct Public Notice	22-Dec-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/24/2019
LOUISA COURTS MHP & SALES	121	MUSCATINE	IA7000689	CWS	201900851	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/18/2019
LOWDEN WATER SUPPLY	789	CEDAR	IA1656001	CWS	201800941	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/10/2018
LUNDS CAMP INC	72	ALLAMAKEE	IA0300641	TNC	201801672	<i>E. coli</i>	31-Jul-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	8/13/2018
LYTTON WATER DEPARTMENT	320	CALHOUN	IA8133009	CWS	201900173	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2018
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	201801234	Arsenic	30-Jun-18	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	201802196	Arsenic	30-Sep-18	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MACBRIDE POINTE THIRD MASTER MAINTENANCE	25	JOHNSON	IA5282311	CWS	201900737	Arsenic	31-Dec-18	MCL (Chem-Rad), Average	MCL	BCA Signed	1/25/2019
MAGGIES DINER	70	CLAYTON	IA2258201	TNC	201900663	Failure to conduct Level 1 Assessment	31-Dec-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	3/1/2019
MALLARD WATER SUPPLY	279	PALO ALTO	IA7450019	CWS	201801726	Arsenic	30-Sep-18	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	8/13/2018
MAPLEWOOD ESTATES MHP	245	MUSCATINE	IA7000601	CWS	201801551	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/13/2018
MAPLEWOOD ESTATES MHP	245	MUSCATINE	IA7000601	CWS	201900576	Failure to conduct Public Notice	29-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
MAPLEWOOD ESTATES MHP	245	MUSCATINE	IA7000601	CWS	201900850	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/12/2019
MARCUS WATER SUPPLY	1125	CHEROKEE	IA1838032	CWS	201900119	Nitrite (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/9/2018
MARCUS WATER SUPPLY	1125	CHEROKEE	IA1838032	CWS	201900122	Nitrite (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/9/2018
MARTIN MARIETTA AGGREGATES	33	HARDIN	IA4260102	NTNC	201801378	Lead	30-Sep-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	6/28/2018
MASSENA WATER SUPPLY	355	CASS	IA1558055	CWS	201800744	Coliform bacteria	31-Jan-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/21/2018
MASSEY FISHERMANS WHARF	52	DUBUQUE	IA3126204	TNC	201801178	Failure to conduct Public Notice	04-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
MAYNES GROVE - FRANKLIN CO CONSERVATION	100	FRANKLIN	IA3544401	TNC	201801670	Failure to conduct Level 1 Assessment	31-Jul-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	9/14/2018
MCCALLSBURG WATER SUPPLY	333	STORY	IA8552010	CWS	201900190	Total Trihalomethanes (TTHM)	31-Aug-18	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2018

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
MCCALLSBURG WATER SUPPLY	333	STORY	IA8552010	CWS	201900191	Total Haloacetic Acids (HAA5)	31-Aug-18	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2018
MEADOW HILLS GOLF COURSE	44	HARDIN	IA4260807	TNC	201801414	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/3/2018
MEADOW HILLS GOLF COURSE	44	HARDIN	IA4260807	TNC	201802145	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/25/2018
MESERVEY WATER SUPPLY	256	CERRO GORDO	IA1754073	CWS	201900866	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	4/3/2019
MIDDLETOWN WATER SUPPLY	318	DES MOINES	IA2952075	CWS	201900698	Total Trihalomethanes (TTHM)	31-Oct-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/21/2019
MIDDLETOWN WATER SUPPLY	318	DES MOINES	IA2952075	CWS	201900699	Total Haloacetic Acids (HAA5)	31-Oct-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/21/2019
MIKES SALOON	240	PLYMOUTH	IA7528801	TNC	201801191	Failure to conduct Public Notice	04-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
MINDEN WATER SUPPLY	599	POTTAWATTAMIE	IA7849086	CWS	201801304	Nitrate (as N)	31-May-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/12/2018
MINERS CREEK HIDEAWAY	45	CLAYTON	IA2242401	TNC	201801338	Failure to conduct Public Notice	25-May-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
MINERS CREEK HIDEAWAY	45	CLAYTON	IA2242401	TNC	201801317	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2018
MINGO WATER DEPARTMENT	302	JASPER	IA5052087	CWS	201900143	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/1/2018
MITCHELL COUNTY NATURE CENTER	30	MITCHELL	IA6663905	TNC	201801929	<i>E. coli</i>	22-Jul-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/27/2018
MITCHELL TOWN PUMP	102	MITCHELL	IA6642773	TNC	201800857	Failure to meet Certified Operator Requirement	02-Mar-18	Certified Operator Requirement	STA	Compliance Achieved	4/9/2018
MONDAMIN WATER SUPPLY	407	HARRISON	IA4349094	CWS	201900457	Radium, Combined (226, 228)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/12/2018
MONTROSE WATER WORKS	898	LEE	IA5650003	CWS	201900872	Chlorine	31-Dec-18	Operations Report	RPT	NOV Issued	1/16/2019
MOONSHINE TAP	33	CHICKASAW	IA1974222	TNC	201801279	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/6/2018
MOONSHINE TAP	33	CHICKASAW	IA1974222	TNC	201900780	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/29/2019
MORAVIA PUBLIC WATER SUPPLY	665	APPANOOSE	IA0467008	CWS	201900340	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	3/27/2019
MORAVIA PUBLIC WATER SUPPLY	665	APPANOOSE	IA0467008	CWS	201900341	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	3/27/2019
MUSCATINE COM SCHOOL TRANSPORTATION BLDG	50	MUSCATINE	IA7048501	TNC	201801918	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/2/2018
NE IOWA CHRISTIAN SERVICE CAMP	75	BUTLER	IA1222404	TNC	201800868	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/27/2018
NE IOWA CHRISTIAN SERVICE CAMP	75	BUTLER	IA1222404	TNC	201802082	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2018

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
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201800944	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/10/2018
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201801365	Failure to conduct Level 1 Assessment	30-Jun-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	3/25/2019
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201801749	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	9/10/2018
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201802087	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/10/2018
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201900124	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/23/2019
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201900690	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/11/2018
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201801517	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/27/2018
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201900877	Failure to address a Significant Deficiency	30-Jun-18	Failure Address Deficiency (GWR)	TT	Compliance Achieved	3/7/2019
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201802086	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/27/2018
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201900442	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/12/2018
NEW MARKET WATER SUPPLY	415	TAYLOR	IA8758061	CWS	201900862	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/28/2019
NEW WINE PARK	105	DUBUQUE	IA3126940	TNC	201900701	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/17/2019
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800779	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800780	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800896	Failure to conduct Public Notice	21-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800897	Failure to conduct Public Notice	21-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800884	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/28/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800885	Nitrate (as N)	28-Feb-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/28/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201801020	Failure to conduct Public Notice	22-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201801021	Failure to conduct Public Notice	22-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201801311	Nitrate (as N)	31-May-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/26/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201801612	Failure to conduct Public Notice	23-Jun-18	Public Notice Rule Linked to Violation	PN	NOV Issued	7/25/2018

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
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201801613	Failure to conduct Public Notice	23-Jun-18	Public Notice Rule Linked to Violation	PN	NOV Issued	7/25/2018
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201900233	Failure to conduct Public Notice	23-Sep-18	Public Notice Rule Linked to Violation	PN	NOV Issued	10/16/2018
NORTH END MOBILE HOME PARK	50	DUBUQUE	IA3100609	CWS	201801999	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/18/2018
NORTH LINN HIGH SCHOOL / MIDDLE SCHOOL	724	LINN	IA5722532	NTNC	201900472	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/17/2018
NORTH LINN HIGH SCHOOL / MIDDLE SCHOOL	724	LINN	IA5722532	NTNC	201900473	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/17/2018
NORTH WINNESHIEK COM. SCHOOL	225	WINNESHIEK	IA9630530	NTNC	201801573	Total Haloacetic Acids (HAA5)	31-May-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	8/13/2018
NORTH WINNESHIEK COM. SCHOOL	225	WINNESHIEK	IA9630530	NTNC	201801574	Total Trihalomethanes (TTHM)	31-May-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	8/13/2018
OAK LAKE MAINTENANCE, INC.	128	KOSSUTH	IA5500838	CWS	201802101	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2018
OAKVILLE WATER SUPPLY	173	LOUISA	IA5868085	CWS	201801546	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/10/2018
OBIES	64	JACKSON	IA4938205	TNC	201900215	<i>E. coli</i>	30-Sep-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/9/2018
OCHEYEDAN WATER WORKS	495	OSCEOLA	IA7239086	CWS	201900833	Failure to obtain Construction Permit	20-Dec-18	Construction Without Permit	STA	Compliance Achieved	3/19/2019
ODESSA GRILL	32	LOUISA	IA5879201	TNC	201801902	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/31/2018
OKOBOJI WATER SUPPLY	812	DICKINSON	IA3060091	CWS	201801765	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/7/2018
OLDTIMERS # 3 SOUTH	25	ALLAMAKEE	IA0330632	TNC	201802216	<i>E. coli</i>	30-Sep-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	10/7/2018
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	201801777	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/14/2018
ORAN TAP & CAFE	51	FAYETTE	IA3357769	TNC	201900722	Failure to conduct Public Notice	21-Nov-18	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2018
ORCHARD WATER WORKS	71	MITCHELL	IA6668001	CWS	201800877	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/6/2018
OSCEOLA WATER WORKS	4929	CLARKE	IA2038038	CWS	201800906	Turbidity	31-Mar-18	Single Comb Filter Effluent (LT1 ESWTR)	TT	Compliance Achieved	3/1/2019
OSCEOLA WATER WORKS	4929	CLARKE	IA2038038	CWS	201901439	Turbidity	31-Mar-18	Monthly Comb Filter Effluent (LT1 ESWTR)	TT	Compliance Achieved	3/1/2019
OSCEOLA WATER WORKS	4929	CLARKE	IA2038038	CWS	201901049	Chlorine	31-Dec-18	Operations Report	RPT	NOV Issued	1/15/2019
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201800775	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201800991	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/24/2018

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
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201801198	Failure to conduct Public Notice	16-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201801654	Chlorine	30-Jun-18	Operations Report	RPT	NOV Issued	7/19/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201801930	<i>E. coli</i>	09-Jul-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/18/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201801939	Failure to conduct Public Notice	16-Jul-18	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201801938	Failure to conduct Public Notice	21-Jul-18	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201801940	Failure to conduct Public Notice	28-Jul-18	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201801900	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/15/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201802132	<i>E. coli</i>	05-Aug-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/27/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201900630	Chlorine	30-Sep-18	Operations Report	RPT	NOV Issued	10/29/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201900581	Failure to conduct Public Notice	16-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201900727	Failure to conduct Public Notice	21-Nov-18	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201900728	Failure to conduct Public Notice	21-Nov-18	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2018
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201900841	Chlorine	31-Dec-18	Operations Report	RPT	NOV Issued	1/14/2019
OUTBACK CANOE RENTAL	27	JONES	IA5343402	TNC	201801340	Failure to conduct Public Notice	21-May-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
OUTBACK CANOE RENTAL	27	JONES	IA5343402	TNC	201801323	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/9/2018
OUTBACK CANOE RENTAL	27	JONES	IA5343402	TNC	201801324	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/9/2018
OXFORD WATER SUPPLY	807	JOHNSON	IA5260017	CWS	201900752	Chlorine	09-Aug-18	Report Sample Result/Fail Monitor (RTCR)	RPT	Compliance Achieved	1/7/2019
P.M. PARK TRUSTEES-EAST	152	CERRO GORDO	IA1716422	TNC	201801419	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/20/2018
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201801429	Failure to complete Start-Up Procedures	30-Mar-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/14/2018
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201801633	Chlorine	31-Mar-18	Monitoring (MOR)	MON	Compliance Achieved	6/1/2018
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201801151	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/6/2018
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201801634	Chlorine	30-Apr-18	Monitoring (MOR)	MON	Compliance Achieved	6/1/2018

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
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201801309	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/1/2018
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201900205	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/1/2018
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201900711	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/18/2018
PARK AT SUNSET BEACH	26	DELAWARE	IA2800622	CWS	201900697	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/18/2018
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201800923	Failure to collect Water Quality Parameters	28-Feb-18	Monitoring WQP (LCR)	MON	Compliance Achieved	4/11/2018
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201900760	Copper	31-Dec-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/14/2019
PEACE REFORMED CHURCH	105	HANCOCK	IA4130802	TNC	201900138	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2018
PILOT KNOB STATE PARK-CAMPGROUND	50	WINNEBAGO	IA9525935	TNC	201801141	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/22/2018
PIN OAK PUB & LINKS	100	DELAWARE	IA2839204	TNC	201900210	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/5/2019
PIN OAK PUB & LINKS	100	DELAWARE	IA2839204	TNC	201900211	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/23/2019
PIN OAK PUB & LINKS	100	DELAWARE	IA2839204	TNC	201900812	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/23/2019
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201801514	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2018
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201801515	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/5/2018
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201801760	Nitrate (as N)	31-Jul-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/5/2018
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201801761	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2018
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201802084	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2018
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201802085	Nitrate (as N)	31-Aug-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/5/2018
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201900566	Failure to conduct Public Notice	23-Oct-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/19/2019
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201900567	Failure to conduct Public Notice	23-Oct-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/19/2019
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201900438	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/24/2019
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201900439	Nitrate (as N)	31-Oct-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/27/2019
PINE RIDGE PARK	62	HARDIN	IA4289401	TNC	201900207	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/23/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
PIONEER HI-BRED DURANT PLANT	134	CEDAR	IA1636101	NTNC	201900217	<i>E. coli</i>	27-Sep-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/25/2018
PLEASANTVILLE WATER WORKS	1694	MARION	IA6377046	CWS	201801221	Gross Alpha, excluding Rn & U	31-Mar-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/9/2018
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201801200	Failure to conduct Public Notice	04-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201801152	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/4/2019
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201801153	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/27/2018
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201801609	Failure to conduct Public Notice	20-Jun-18	Public Notice Rule Linked to Violation	PN	NOV Issued	7/25/2018
PONY CREEK #1 HOA	125	MILLS	IA6500823	CWS	201900646	Chlorine	30-Aug-18	Operations Report	RPT	NOV Issued	11/21/2018
PONY CREEK #1 HOA	125	MILLS	IA6500823	CWS	201900488	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/30/2018
PONY CREEK #1 HOA	125	MILLS	IA6500823	CWS	201900489	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/30/2018
PRAIRIE VIEW ESTATES ASSOC JOHNSON CNTY	155	JOHNSON	IA5225326	CWS	201800995	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/30/2018
PRAIRIEBURG MUNI. WATER SUPPLY	178	LINN	IA5772054	CWS	201801108	Sodium	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/5/2018
PULASKI MUNICIPAL WATER DEPT	263	DAVIS	IA2662064	CWS	201801086	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/14/2018
QUAKERDALE	75	HARDIN	IA4271901	CWS	201800707	Failure to conduct Public Notice	01-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
QUAKERDALE	75	HARDIN	IA4271901	CWS	201801017	Failure to conduct Public Notice	01-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/30/2018
QUAKERDALE	75	HARDIN	IA4271901	CWS	201801608	Failure to conduct Public Notice	01-Jul-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/30/2018
QUAKERDALE	75	HARDIN	IA4271901	CWS	201801960	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/30/2018
QUAKERDALE	75	HARDIN	IA4271901	CWS	201900231	Failure to conduct Public Notice	01-Oct-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/30/2018
QUALITY WATER, INC. #2 (K-L)	70	DUBUQUE	IA3126303	CWS	201801998	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/18/2018
RACCOON RIVER BIBLE CAMP	83	GREENE	IA3759487	TNC	201801780	Nitrogen-Ammonia (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/31/2018
RACCOON RIVER BIBLE CAMP	83	GREENE	IA3759487	TNC	201802094	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2018
RACCOON RIVER BIBLE CAMP	83	GREENE	IA3759487	TNC	201900454	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/15/2019
RACCOON RIVER BIBLE CAMP	83	GREENE	IA3759487	TNC	201900703	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/15/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
RANDOLPH WATER WORKS	168	FREMONT	IA3649072	CWS	201900137	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/29/2018
RAPID CREEK CIDERY INC	374	JOHNSON	IA5225212	TNC	201802184	<i>E. coli</i>	30-Sep-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	11/13/2018
RAPID CREEK CIDERY INC	374	JOHNSON	IA5225212	TNC	201900254	<i>E. coli</i>	31-Oct-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	11/13/2018
RED OAK WATER SUPPLY	5742	MONTGOMERY	IA6950075	CWS	201900797	Nitrate (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/17/2019
REGENCY WEST SUBDIVISION	46	DUBUQUE	IA3126308	CWS	201900874	Failure to consult with DNR	31-Aug-18	Failure to Consult, GWR	RPT	NOV Issued	8/27/2018
RENEES ROADHOUSE	52	JOHNSON	IA5260202	TNC	201801584	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/16/2018
RENEES ROADHOUSE	52	JOHNSON	IA5260202	TNC	201900809	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/7/2019
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201800772	Failure to conduct Public Notice	12-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201800771	Failure to conduct Public Notice	22-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/5/2018
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201800880	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/29/2018
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201801849	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2018
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201900524	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/12/2018
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201900725	Failure to conduct Public Notice	20-Nov-18	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2018
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201900803	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/28/2019
RICEVILLE WATER SUPPLY	793	MITCHELL	IA4558001	CWS	201800871	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/26/2018
RICHLAND WATER SUPPLY	584	KEOKUK	IA5470083	CWS	201900467	Radium, Combined (226, 228)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/30/2018
RICHLAND WATER SUPPLY	584	KEOKUK	IA5470083	CWS	201900468	Gross Alpha, excluding Rn & U	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/30/2018
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201801955	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/6/2018
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201900550	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	3/5/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201900551	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	3/5/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201900552	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	3/5/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201900553	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	3/5/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201900554	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	3/5/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201900555	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	3/5/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201900556	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	3/5/2019
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201900557	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	3/5/2019
RIVER RANCH CAMPING INC	37	CHICKASAW	IA1967402	TNC	201801417	Failure to complete Start-Up Procedures	31-May-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/18/2018
RIVER RANCH CAMPING INC	37	CHICKASAW	IA1967402	TNC	201802152	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/25/2018
RIVER RANCH CAMPING INC	37	CHICKASAW	IA1967402	TNC	201802126	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2018
RIVERTON WATER WORKS	285	FREMONT	IA3655071	CWS	201900452	Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/30/2018
RIVERTON WATER WORKS	285	FREMONT	IA3655071	CWS	201900453	Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/30/2018
ROCK CREEK MARINA & CAMPGROUND	52	CLINTON	IA2322446	TNC	201800762	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
ROCK N ROW ADVENTURES	44	HARDIN	IA4236201	TNC	201801413	Failure to complete Start-Up Procedures	31-May-18	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/3/2018
ROCKY NOOK ASSOCIATION, INC.	50	DELAWARE	IA2817710	TNC	201801443	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/14/2018
ROLLING ACRES SUBDIVISION	115	MUSCATINE	IA7048310	CWS	201800781	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/22/2018
ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201801238	Failure to meet Compliance Schedule	01-Jun-18	Compliance Schedule	V/E	Compliance Achieved	10/23/2018
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	201801655	Chlorine	30-Jun-18	Operations Report	RPT	Compliance Achieved	8/17/2018
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	201900626	Chlorine	30-Sep-18	Operations Report	RPT	NOV Issued	10/29/2018
ROMANTIX INC	204	MILLS	IA6525204	TNC	201900813	Nitrate (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/16/2019
ROWAN MUNI WATER SUPPLY	160	WRIGHT	IA9958004	CWS	201801958	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/28/2018
RUSSELL WATER SUPPLY	554	LUCAS	IA5939009	CWS	201901121	Lead & Copper Rule - Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/2/2018
RUSSELL WATER SUPPLY	554	LUCAS	IA5939009	CWS	201901121	Lead & Copper Rule - Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/2/2018
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201900129	Nitrite (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/16/2018
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201900130	Nitrite (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/7/2018

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
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201900444	Nitrogen-Ammonia (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/16/2018
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201900317	Nitrite (as N)	31-Dec-18	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/23/2019
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201900783	Nitrite (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/29/2019
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201900784	Nitrite (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/29/2019
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201900785	Nitrite (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/29/2019
SAINT MARYS WATER CORPORATION	131	WARREN	IA9176019	CWS	201900801	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2019
SAINT MARYS WATER CORPORATION	131	WARREN	IA9176019	CWS	201901141	Chlorine	31-Dec-18	Monitoring (MOR)	MON	Compliance Achieved	2/1/2019
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201900329	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	12/10/2018
SALIX WATER SUPPLY	368	WOODBURY	IA9770024	CWS	201800988	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/4/2018
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900924	Alachlor (Lasso)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900925	Atrazine	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900926	2,4-D	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900927	Di(2-Ethylhexyl) Adipate	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900928	Di(2-Ethylhexyl) Phthalate	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900929	Pentachlorophenol	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900930	Picloram	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900931	Simazine	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900932	Diquat	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900933	Glyphosate	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900934	Benzene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900935	Carbon Tetrachloride	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900936	o-Dichlorobenzene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900937	p-Dichlorobenzene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900938	1,2-Dichloroethane	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900939	cis-1,2-Dichloroethylene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900940	1,1-Dichloroethylene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900941	trans-1,2-Dichloroethylene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900942	Dichloromethane	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900943	1,2-Dichloropropane	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900944	Ethylbenzene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900945	Monochlorobenzene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900946	Styrene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900947	Tetrachloroethylene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900948	Toluene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900949	1,2,4-Trichlorobenzene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900950	1,1,1-Trichloroethane	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900951	1,1,2-Trichloroethane	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900952	Trichloroethylene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900953	Vinyl Chloride	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANBORN WATER SUPPLY	1424	O'BRIEN	IA7165025	CWS	201900954	Xylenes	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/12/2019
SANDY BEACH WELL ASSOCIATION	37	WRIGHT	IA9909306	TNC	201900835	Failure to consult with DNR	11-Dec-18	Failure to Consult, GWR	RPT	Compliance Achieved	1/14/2019
SCENIC VIEW CAMPGROUND	25	ALLAMAKEE	IA0385401	TNC	201801439	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/21/2018
SCENIC VIEW CAMPGROUND	25	ALLAMAKEE	IA0385401	TNC	201802156	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/26/2018
SCENIC VIEW CAMPGROUND	25	ALLAMAKEE	IA0385401	TNC	201900208	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/9/2018

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
SCENIC VIEW CAMPGROUND	25	ALLAMAKEE	IA0385401	TNC	201900565	<i>E. coli</i>	21-Oct-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/22/2018
SCHERRMANNS IMPLEMENT AND APPLIANCE INC	48	DUBUQUE	IA3130863	TNC	201900560	<i>E. coli</i>	15-Oct-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/16/2018
SCHULER MANUFACTURING	36	CASS	IA1545101	NTNC	201801901	Nitrate (as N)	31-Jul-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/20/2018
SCHULER MANUFACTURING	36	CASS	IA1545101	NTNC	201801997	Lead	31-Dec-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/26/2018
SEARS 66 SERVICE	28	CLAYTON	IA2232201	TNC	201800903	Benzene	31-Mar-18	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/23/2018
SENTRAL COMMUNITY SCHOOL	310	KOSSUTH	IA5515527	NTNC	201900867	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/6/2019
SHADY CREEK PUBLIC USE AREA 1	62	MUSCATINE	IA7048488	TNC	201900491	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/19/2018
SIDNEY WATER SUPPLY	1183	FREMONT	IA3661048	CWS	201802040	Failure to meet Compliance Schedule	11-Sep-18	Compliance Schedule	V/E	NOV Issued	9/11/2018
SILVERCREST GOLF & COUNTRY CLUB, INC.	88	WINNESHIEK	IA9630882	TNC	201801144	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/1/2018
SIRWA #2 (CRESTON)	18510	UNION	IA8080701	CWS	201801623	Failure to conduct Level 1 Assessment	31-Jul-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	8/14/2018
SLABYS BAR AND GRILL	27	SCOTT	IA8270201	TNC	201800883	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/15/2018
SLABYS BAR AND GRILL	27	SCOTT	IA8270201	TNC	201801611	Failure to conduct Public Notice	23-Jun-18	Public Notice Rule Linked to Violation	PN	NOV Issued	7/25/2018
SLATER MUNI WATER DEPT	1489	STORY	IA8580057	CWS	201801073	Copper	30-Jun-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	5/10/2018
SLATER MUNI WATER DEPT	1489	STORY	IA8580057	CWS	201900750	Copper	31-Dec-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/7/2019
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201801330	Failure to conduct Public Notice	27-May-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201801331	Failure to conduct Public Notice	27-May-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
SNK GAS AND FOOD LLC	50	JACKSON	IA3198799	TNC	201801237	Failure to maintain Microbial Treatment	30-Apr-18	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	12/4/2018
SOUTH WINN GOLF CLUB	218	WINNESHIEK	IA9615867	TNC	201801142	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/21/2018
SOUTH WINN GOLF CLUB	218	WINNESHIEK	IA9615867	TNC	201802148	Failure to conduct Public Notice	20-Aug-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/15/2018
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	201800777	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/9/2018
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	201800778	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/9/2018
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	201900719	<i>E. coli</i>	18-Nov-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	12/3/2018

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SPRING VALLEY HOMEOWNERS ASSN.	163	JOHNSON	IA5225303	CWS	201801531	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/10/2018
SPRING VALLEY HOMEOWNERS ASSN.	163	JOHNSON	IA5225303	CWS	201900144	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/18/2018
SQUAW VALLEY SOUTH SUBDIVISION	105	STORY	IA8503305	CWS	201801842	Sodium	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/7/2018
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201800886	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/8/2018
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201801028	Failure to conduct Public Notice	22-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201801614	Failure to conduct Public Notice	20-Jun-18	Public Notice Rule Linked to Violation	PN	NOV Issued	7/19/2018
ST PETER LUTHERAN CHURCH	188	MITCHELL	IA6682801	TNC	201801586	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/30/2018
STOCKPORT WATER SUPPLY	296	VAN BUREN	IA8973095	CWS	201801192	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/5/2018
STOCKPORT WATER SUPPLY	296	VAN BUREN	IA8973095	CWS	201900708	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/17/2018
STOCKPORT WATER SUPPLY	296	VAN BUREN	IA8973095	CWS	201900864	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/28/2019
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	201800889	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/8/2018
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	201801320	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/21/2018
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	201802129	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/24/2018
STRINGTOWN GROCERY	89	JOHNSON	IA5221208	TNC	201900746	Chlorine	31-Dec-18	Operations Report	RPT	Compliance Achieved	1/7/2019
SUNNY BRAE GOLF & COUNTRY CLUB	63	MITCHELL	IA6663201	TNC	201801133	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/17/2018
SUNNY BRAE GOLF & COUNTRY CLUB	63	MITCHELL	IA6663201	TNC	201801727	Chlorine	30-Jun-18	Operations Report	RPT	Compliance Achieved	8/15/2018
SUNNY BRAE GOLF & COUNTRY CLUB	63	MITCHELL	IA6663201	TNC	201901062	Chlorine	31-Oct-18	Operations Report	RPT	NOV Issued	3/4/2019
SUNNY BRAE GOLF & COUNTRY CLUB	63	MITCHELL	IA6663201	TNC	201900834	Failure to consult with DNR	11-Dec-18	Failure to Consult, GWR	RPT	Compliance Achieved	12/18/2018
SUNRISE VILLAGE MOBILE HOME PK	340	JOHNSON	IA5200602	CWS	201801104	Radium, Combined (226, 228)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/23/2018
SUNRISE VILLAGE MOBILE HOME PK	340	JOHNSON	IA5200602	CWS	201801669	Lead	30-Sep-18	AL (Pb/Cu), 90th Percentile	MCL	Compliance Achieved	10/31/2018
SUNRISE VILLAGE MOBILE HOME PK	340	JOHNSON	IA5200602	CWS	201900297	Failure to conduct Lead Public Education	30-Sep-18	Public Education (LCR)	RPT	Compliance Achieved	10/31/2018
SUNRISE VILLAGE MOBILE HOME PK	340	JOHNSON	IA5200602	CWS	201900224	Failure to conduct Public Notice	01-Oct-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/31/2018

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
SUPERIOR WATER SYSTEM	135	DICKINSON	IA3073001	CWS	201900255	Lead & Copper Rule - Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	10/18/2018
SUPERIOR WATER SYSTEM	135	DICKINSON	IA3073001	CWS	201900255	Lead & Copper Rule - Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	10/18/2018
SW IOWA RENEWABLE ENERGY LLC	60	POTTAWATTAMIE	IA7820805	NTNC	201901015	Toluene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/1/2019
SW IOWA RENEWABLE ENERGY LLC	60	POTTAWATTAMIE	IA7820805	NTNC	201901016	Xylenes	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/16/2019
SW IOWA RENEWABLE ENERGY LLC	60	POTTAWATTAMIE	IA7820805	NTNC	201901017	Benzene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/16/2019
SW IOWA RENEWABLE ENERGY LLC	60	POTTAWATTAMIE	IA7820805	NTNC	201901018	Ethylbenzene	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/16/2019
TAMARACK BUSINESS PARK	75	DUBUQUE	IA3126104	NTNC	201800916	Failure to issue Lead Consumer Notice	31-Mar-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	4/13/2018
THE GROVE	31	JONES	IA5377727	TNC	201802099	Nitrate (as N)	31-Aug-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/28/2018
THE GROVE	31	JONES	IA5377727	TNC	201802100	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/28/2018
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	201801045	Chlorine	31-Mar-18	Operations Report	RPT	Compliance Achieved	8/2/2018
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201900561	<i>E. coli</i>	05-Oct-18	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	11/19/2018
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201900718	<i>E. coli</i>	09-Nov-18	Monitoring (GWR) TG and AD, Major	MON	BCA Signed	2/6/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201900790	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/28/2019
THE HOP AT CANTON LLC	35	JACKSON	IA4955725	TNC	201900791	Nitrate (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/18/2019
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	201801312	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/20/2018
THE OUTPOST	31	BUTLER	IA1211739	TNC	201800761	Failure to conduct Public Notice	22-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201801004	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/29/2018
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201801158	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/29/2018
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201801583	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/24/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800783	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800757	Coliform bacteria	31-Jan-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/27/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800840	Failure to maintain Microbial Treatment	31-Jan-18	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	10/8/2018

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800902	Failure to conduct Public Notice	21-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800888	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/27/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801030	Failure to conduct Public Notice	25-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801031	Failure to conduct Public Notice	01-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801208	Failure to conduct Public Notice	26-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801209	Failure to conduct Public Notice	26-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801163	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/27/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801336	Failure to conduct Public Notice	23-May-18	Public Notice Rule Linked to Violation	PN	NOV Issued	6/19/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801316	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/27/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801337	Failure to conduct Public Notice	01-Jun-18	Public Notice Rule Linked to Violation	PN	NOV Issued	6/19/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801616	Failure to conduct Public Notice	25-Jun-18	Public Notice Rule Linked to Violation	PN	NOV Issued	7/20/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201801921	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/29/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201802160	Failure to conduct Public Notice	21-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/18/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201900234	Failure to conduct Public Notice	23-Sep-18	Public Notice Rule Linked to Violation	PN	NOV Issued	10/16/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201900811	Nitrate (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/9/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201800754	Coliform bacteria	31-Jan-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/5/2018
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201800894	Failure to conduct Public Notice	24-Feb-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201801016	Failure to conduct Public Notice	22-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201801146	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2018
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201801333	Failure to conduct Public Notice	23-May-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/25/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201801894	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/6/2018
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201802149	Failure to conduct Public Notice	20-Aug-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/25/2019

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201900525	Coliform bacteria	31-Oct-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/7/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201900726	Failure to conduct Public Notice	20-Nov-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/25/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201900709	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/7/2019
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201900805	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/7/2019
THREE DAYS GRILLE & SALOON	27	HARDIN	IA4213203	TNC	201801595	<i>E. coli</i>	30-Jun-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/19/2018
THURMAN WATER WORKS	229	FREMONT	IA3671021	CWS	201801971	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/21/2018
THURMAN WATER WORKS	229	FREMONT	IA3671021	CWS	201900647	Chlorine	30-Sep-18	Operations Report	RPT	NOV Issued	11/21/2018
THURMAN WATER WORKS	229	FREMONT	IA3671021	CWS	201900648	Chlorine	31-Oct-18	Operations Report	RPT	NOV Issued	11/21/2018
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201800867	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/20/2018
TIMBER RIDGE LODGE RECREATION, LTD.	250	MONONA	IA6715711	TNC	201801295	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/25/2018
TIMBERLINE ESTATES, LTD.	712	DES MOINES	IA2900626	CWS	201801764	Nitrogen-Ammonia (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	8/21/2018
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201900131	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/30/2018
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201900700	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/27/2018
TOGIE PUB	25	HOWARD	IA4564201	TNC	201801183	Failure to conduct Public Notice	03-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
TOGIE PUB	25	HOWARD	IA4564201	TNC	201801184	Failure to conduct Public Notice	04-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
TOGIE PUB	25	HOWARD	IA4564201	TNC	201801528	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/30/2018
TOGIE PUB	25	HOWARD	IA4564201	TNC	201900569	Failure to conduct Public Notice	23-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
TOGIE PUB	25	HOWARD	IA4564201	TNC	201900705	Coliform bacteria	30-Nov-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/26/2018
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201801899	Coliform bacteria	31-Jul-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2018
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201900206	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2018
TREASURE VILLAGE INC	70	DICKINSON	IA3050472	TNC	201801329	Failure to conduct Public Notice	22-May-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
TRI STATE GUN CLUB	30	LEE	IA5650201	TNC	201800999	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/7/2018

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TWIN KNOLLS FOURTH/FIFTH ADDITION	90	LINN	IA5784326	CWS	201900852	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/28/2019
TWIN OAK CAMP GROUND	54	CERRO GORDO	IA1716424	TNC	201801376	Failure to conduct Level 1 Assessment	30-Jun-18	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	9/18/2018
TWIN VALLEY LAKES IMPROVEMENT ASSN	100	JOHNSON	IA5200861	CWS	201900849	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	4/4/2019
UNIVERSITY WATER SYSTEM	26684	JOHNSON	IA5225101	CWS	201900463	Nitrate (as N)	31-Oct-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/26/2018
UPPER IOWA RESORT & RENTAL	27	ALLAMAKEE	IA0300648	TNC	201801441	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/23/2018
UPPER IOWA RESORT & RENTAL	27	ALLAMAKEE	IA0300648	TNC	201802133	Failure to conduct Public Notice	08-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/18/2018
UPPER IOWA RESORT & RENTAL	27	ALLAMAKEE	IA0300648	TNC	201802077	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/10/2018
UPPER IOWA RESORT & RENTAL	27	ALLAMAKEE	IA0300648	TNC	201802078	Coliform bacteria	31-Aug-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/10/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201800763	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201800764	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201800946	Nitrate (as N)	31-Mar-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/11/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201801175	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201801176	Failure to conduct Public Notice	21-Apr-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201801520	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/11/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201900126	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/11/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201900568	Failure to conduct Public Notice	29-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
VALLEY VIEW WATER ASSOCIATION	70	HARRISON	IA4300601	CWS	201802035	<i>E. coli</i>	30-Sep-18	MCL, EC+ (RTCR)	MCL	Compliance Achieved	10/10/2018
VERN ACRES (OLIPHANT ADDITION)	150	LINN	IA5784303	CWS	201900853	Failure to issue Lead Consumer Notice	31-Dec-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/28/2019
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201800759	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201900772	Coliform bacteria	31-Dec-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/16/2019
WADENA WATER SYSTEM	262	FAYETTE	IA3371056	CWS	201900839	Failure to maintain Microbial Treatment	31-Dec-18	Failure Maintain Microbial Treat (GWR)	TT	NOV Issued	1/3/2019
WAHKONSA COUNTRY CLUB	60	CEDAR	IA7078815	TNC	201900163	Nitrate (as N)	30-Sep-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/12/2018

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
WALNUT STREET WELL	30	BENTON	IA0690305	CWS	201900816	<i>E. coli</i>	09-Dec-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	12/26/2018
WALTERS MOBILE HOME PARK	25	CLAYTON	IA2258601	CWS	201801576	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/10/2018
WAPELLO MUNICIPAL WATER WORKS	2067	LOUISA	IA5879063	CWS	201802113	Total Trihalomethanes (TTHM)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2018
WAPELLO MUNICIPAL WATER WORKS	2067	LOUISA	IA5879063	CWS	201802114	Total Haloacetic Acids (HAA5)	31-Jul-18	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2018
WAPSI WILLYS LLC	25	SCOTT	IA8251733	TNC	201801596	<i>E. coli</i>	04-Jun-18	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	6/14/2018
WAPSI WILLYS LLC	25	SCOTT	IA8251733	TNC	201900578	Failure to conduct Public Notice	29-Oct-18	Public Notice Rule Linked to Violation	PN	NOV Issued	11/19/2018
WAPSIE RIDGE GOLF COURSE, INC.	47	BREMER	IA0965201	TNC	201900204	Coliform bacteria	30-Sep-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/1/2018
WARREN WATER DISTRICT	18838	WARREN	IA9133701	CWS	201800828	Failure to issue Lead Consumer Notice	19-Feb-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/19/2018
WASHINGTON TWSP. ELEMENTARY SCHOOL	160	WASHINGTON	IA9233522	NTNC	201900650	Lead & Copper Rule - Copper	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/5/2018
WASHINGTON TWSP. ELEMENTARY SCHOOL	160	WASHINGTON	IA9233522	NTNC	201900650	Lead & Copper Rule - Lead	30-Sep-18	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/5/2018
WAUBONSIE ST PK (BRIDLE TRAIL)	66	FREMONT	IA3600918	TNC	201801431	Failure to complete Start-Up Procedures	31-May-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	7/23/2018
WAUBONSIE ST PK (BRIDLE TRAIL)	66	FREMONT	IA3600918	TNC	201801524	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/10/2018
WAUKON WATER DEPARTMENT	3897	ALLAMAKEE	IA0398082	CWS	201801656	Chlorine	30-Jun-18	Operations Report	RPT	NOV Issued	7/13/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201800782	Failure to conduct Public Notice	21-Jan-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201800731	Failure to maintain Microbial Treatment	31-Jan-18	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	11/9/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201800887	Coliform bacteria	28-Feb-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/14/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201801029	Failure to conduct Public Notice	22-Mar-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/29/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201801005	Coliform bacteria	31-Mar-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/14/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201801161	Coliform bacteria	30-Apr-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/14/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201801232	Coliform (RTCR)	23-May-18	Compliance Schedule	V/E	Compliance Achieved	11/9/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201801615	Failure to conduct Public Notice	23-Jun-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/29/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201801587	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/1/2018

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WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201801944	Failure to conduct Public Notice	22-Jul-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/29/2018
WAYNE HOTELS, INC. AND MUKESH PATEL	38	IOWA	IA4884202	TNC	201802157	Failure to conduct Public Notice	21-Aug-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/29/2018
WESTGATE WATER SUPPLY	211	FAYETTE	IA3379009	CWS	201900786	Nitrite (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/6/2019
WESTWOOD WATER SUPPLY	112	HENRY	IA4453318	CWS	201800831	Failure to issue Lead Consumer Notice	19-Feb-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/19/2018
WILD CAT DEN PARK WELL 2	60	MUSCATINE	IA7048952	TNC	201801297	Coliform bacteria	31-May-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/16/2018
WILDWOOD ACRES ASSOCIATION	100	JONES	IA5377401	TNC	201801165	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	12/7/2018
WILLIAMSBURG PUBLIC WATER SUPPLY	3068	IOWA	IA4884023	CWS	201801064	Chlorine	31-Mar-18	MRDL (Chlorine/Chloramine)	MRDL	Compliance Achieved	7/10/2018
WILLIAMSBURG PUBLIC WATER SUPPLY	3068	IOWA	IA4884023	CWS	201801529	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/30/2018
WILLIAMSBURG PUBLIC WATER SUPPLY	3068	IOWA	IA4884023	CWS	201900270	Copper	30-Sep-18	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/25/2018
WILLIAMSBURG PUBLIC WATER SUPPLY	3068	IOWA	IA4884023	CWS	201901111	Failure to collect Water Quality Parameters	31-Dec-18	Monitoring WQP (LCR)	MON	Compliance Achieved	3/4/2019
WINDRIDGE IMPLEMENTS L.L.C.	45	WINNESHIEK	IA9630101	TNC	201900804	Nitrate (as N)	31-Dec-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/28/2019
WINTERSET MUNICIPAL WATERWORKS	5253	MADISON	IA6171029	CWS	201900262	Failure to meet minimum chlorine residual entering system	31-Oct-18	Surface Water Treatment Rule (SWTR)	TT	Compliance Achieved	12/3/2018
WOODLAND CAMP PROPERTY OWNERS	1037	HARRISON	IA4375401	TNC	201801527	Nitrate (as N)	30-Jun-18	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/13/2018
WOODLAND RIDGE SUBDIVISION	50	JOHNSON	IA5225320	CWS	201801404	Radium, Combined (226, 228)	30-Jun-18	MCL (Chem-Rad), Average	MCL	BCA Signed	2/8/2018
WOODLAND RIDGE SUBDIVISION	50	JOHNSON	IA5225320	CWS	201801696	Radium, Combined (226, 228)	30-Sep-18	MCL (Chem-Rad), Average	MCL	BCA Signed	2/8/2018
WOODLAND RIDGE SUBDIVISION	50	JOHNSON	IA5225320	CWS	201900665	Radium, Combined (226, 228)	31-Dec-18	MCL (Chem-Rad), Average	MCL	BCA Signed	2/8/2018
WOODLAND WAPELLO MOBILE HOME PARK	126	LOUISA	IA5879601	CWS	201800832	Failure to issue Lead Consumer Notice	19-Feb-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/19/2018
WOODLYN HILLS GOLF COURSE	54	DICKINSON	IA3050876	TNC	201801446	Failure to complete Start-Up Procedures	30-Apr-18	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/10/2018
WOODLYN HILLS GOLF COURSE	54	DICKINSON	IA3050876	TNC	201802137	Failure to conduct Public Notice	14-Aug-18	Public Notice Rule Linked to Violation	PN	NOV Issued	9/18/2018
WOODWARD WATER SUPPLY	1024	DALLAS	IA2576036	CWS	201800947	Total Haloacetic Acids (HAA5)	28-Feb-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	5/24/2018
WOODWARD WATER SUPPLY	1024	DALLAS	IA2576036	CWS	201800948	Total Trihalomethanes (TTHM)	28-Feb-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	5/24/2018

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
WORD OF FAITH DOMINION CHURCH	81	WINNEBAGO	IA9545801	TNC	201801585	Coliform bacteria	30-Jun-18	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2018
WORD OF FAITH DOMINION CHURCH	81	WINNEBAGO	IA9545801	TNC	201900586	Failure to conduct Public Notice	23-Oct-18	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/30/2018
XENIA RWD (DES MOINES)	9792	DALLAS	IA2573701	CWS	201800833	Failure to issue Lead Consumer Notice	19-Feb-18	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/19/2018
XENIA RWD (WOODWARD)	3350	DALLAS	IA2576705	CWS	201801281	Total Trihalomethanes (TTHM)	30-Apr-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/29/2018
XENIA RWD (WOODWARD)	3350	DALLAS	IA2576705	CWS	201801282	Total Haloacetic Acids (HAA5)	30-Apr-18	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/29/2018
YANKEE GROVE HOA	64	CEDAR	IA5784321	CWS	201900155	Total Haloacetic Acids (HAA5)	31-Aug-18	Monitoring (DBP), Routine Major	MON	NOV Issued	10/16/2018
YANKEE GROVE HOA	64	CEDAR	IA5784321	CWS	201900156	Total Trihalomethanes (TTHM)	31-Aug-18	Monitoring (DBP), Routine Major	MON	NOV Issued	10/16/2018
YANKEE GROVE PART 3	30	CEDAR	IA1667301	CWS	201801956	Failure to issue Consumer Confidence Report	31-Jul-18	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/4/2018
ZEARING WATER DEPARTMENT	604	STORY	IA8590041	CWS	201800829	Failure to issue Lead Consumer Notice	19-Feb-18	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	8/23/2018