

# State of Iowa Public Drinking Water Program 2017 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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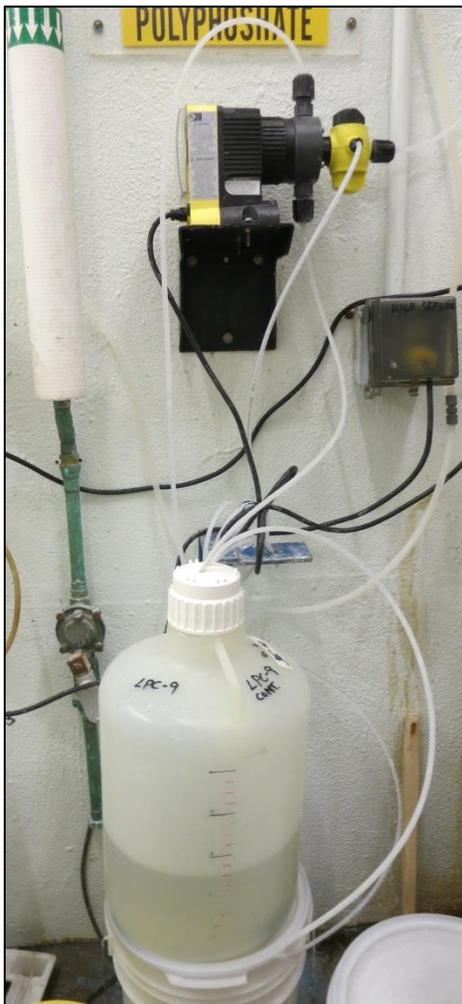


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*All photos in this report were taken by DNR water supply program staff at DWSRF projects, primarily those completed in 2017.*



Polyphosphate feed



UV Light used for *Cryptosporidium* Inactivation

## Introduction

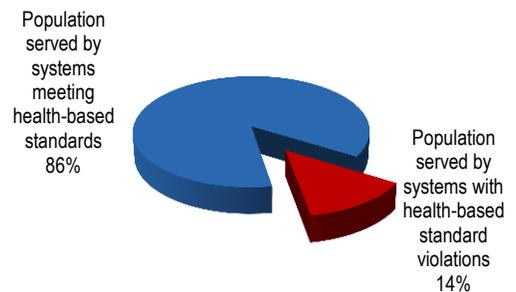
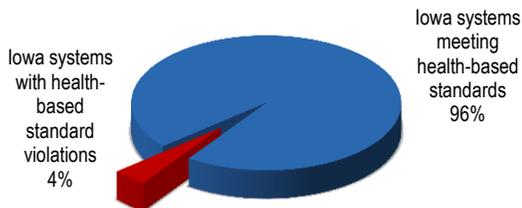
The Iowa Department of Natural Resources (DNR) administers the Public Drinking Water Program in Iowa under delegation of authority from the United States Environmental Protection Agency (EPA). The 1996 re-authorized Safe Drinking Water Act (SDWA) requires that each state that has been granted primary 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 2017 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 2017 Report Highlights

The first full year of implementation of the Revised Total Coliform Rule occurred in 2017. The rule eliminated both the non-acute coliform bacteria maximum contaminant level violation and the failure to collect repeat compliance samples monitoring violation. Those violations were replaced with the requirement for the water system operator or owner to conduct an assessment of their system, looking for significant deficiencies, which is called a Level 1 Assessment. Only if the system failed to conduct the Level 1 Assessment was a treatment technique violation incurred. The number of systems in compliance with all health-based standards in 2017 was the best in the past ten years. The number of systems in compliance with major monitoring and reporting requirements improved slightly from 2016. The percentage of population served by systems in compliance decreased in 2017, in part due to a few large systems with violations.

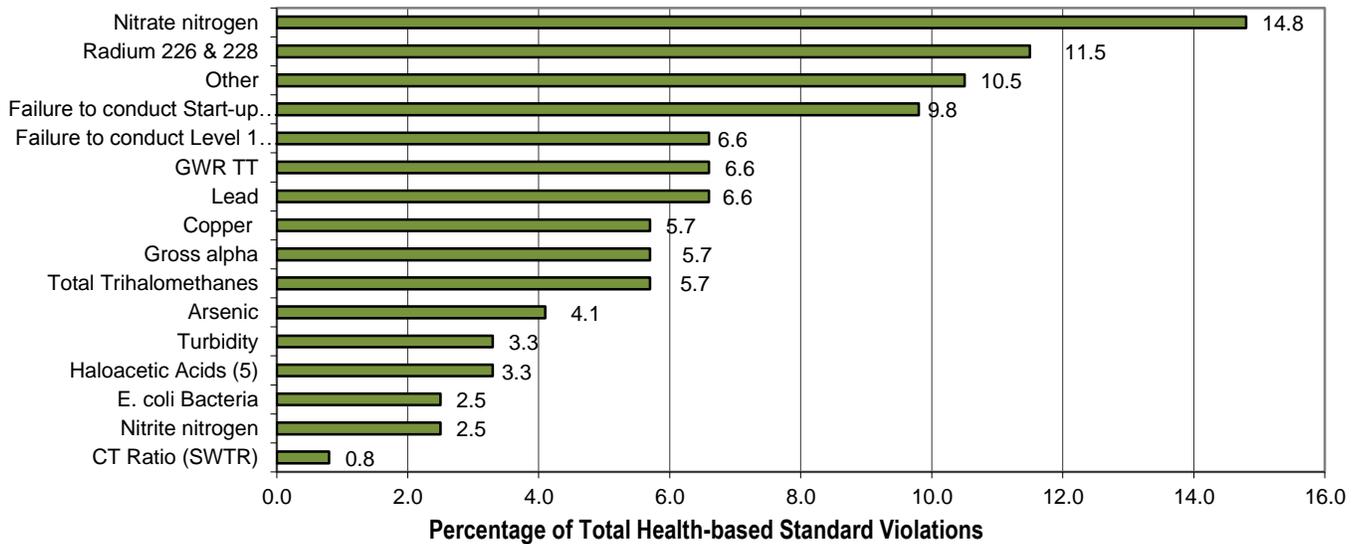
### Compliance with Health-Based Standards

- No waterborne diseases or deaths were reported from Iowa public water supply systems (PWS) in 2017.
- Over 2.54 million people (of the 2.94M people served by Iowa's PWS) regularly received water from systems meeting all health-based drinking water standards.



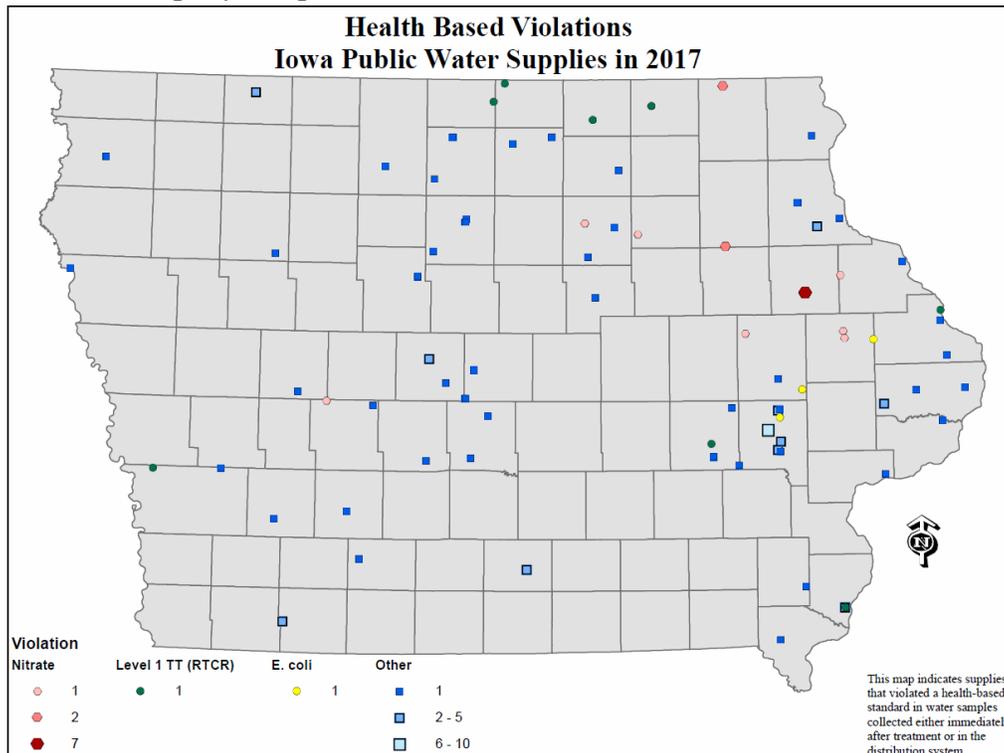
- Health-based drinking water standards were met by 95.8% of the 1,841 regulated public water supplies. There were 77 public water supplies that had 122 violations of a health-based drinking water standards, maximum residual disinfectant level, treatment technique, or action level.
- Twelve regulated contaminants were found at levels that exceeded the health-based standards during 2017, and ten treatment techniques were not met. Eleven contaminants and the treatment techniques for failure to conduct a Level 1 assessment, failure to conduct Start-up Procedure, failure to maintain microbial treatment (GWR), failure to address a significant deficiency (GWR), failure to meet CT ratio,

and failure to meet turbidity limits are shown in the chart below, along with the percentage each contributed to the total number of health-based standard violations. The other health-based standards were each exceeded at least once during the year include: benzene, selenium, failure of the direct integrity test, failure to meet minimum disinfectant residual, failure to correct sanitary defects, and failure to meet certified operator requirement.



### 2017 Health-based Standard Violations Map

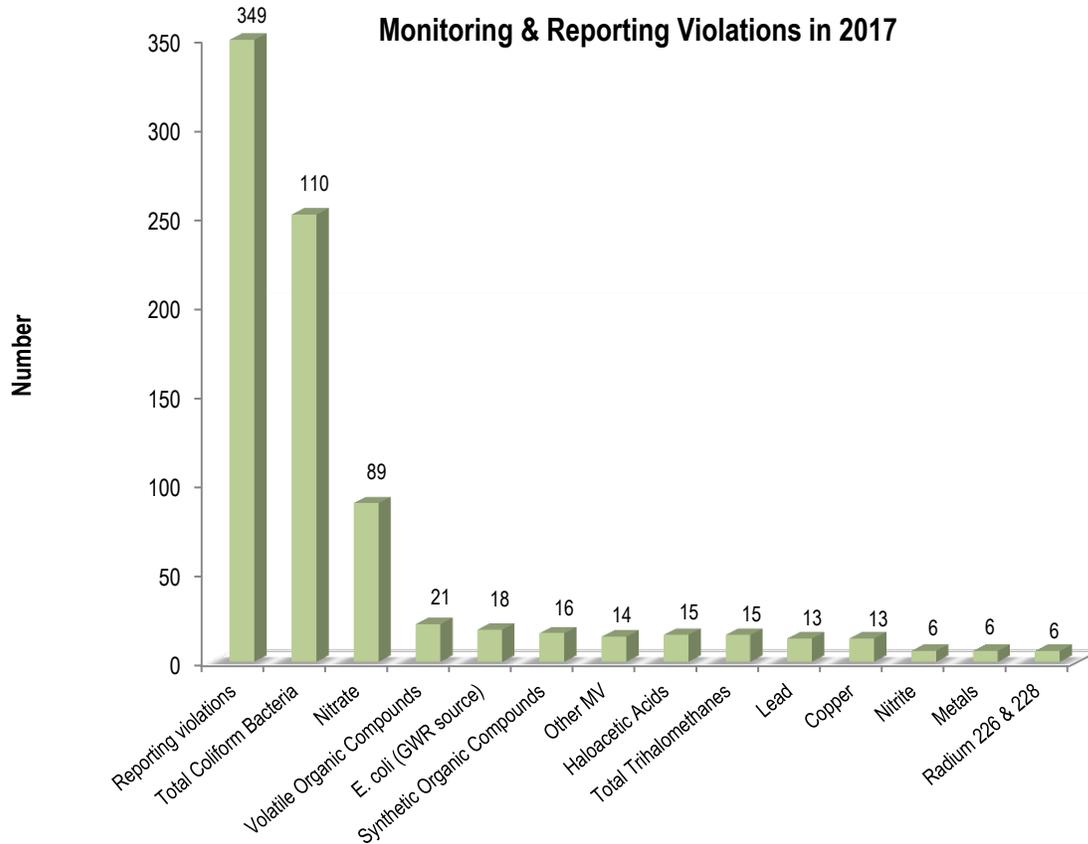
The map depicts the health-based standard violations that occurred in 2017 at Iowa’s PWS, with the number of violations denoted by size of the marker. Three common violations are shown separately; the remaining violations are grouped together as “other.”



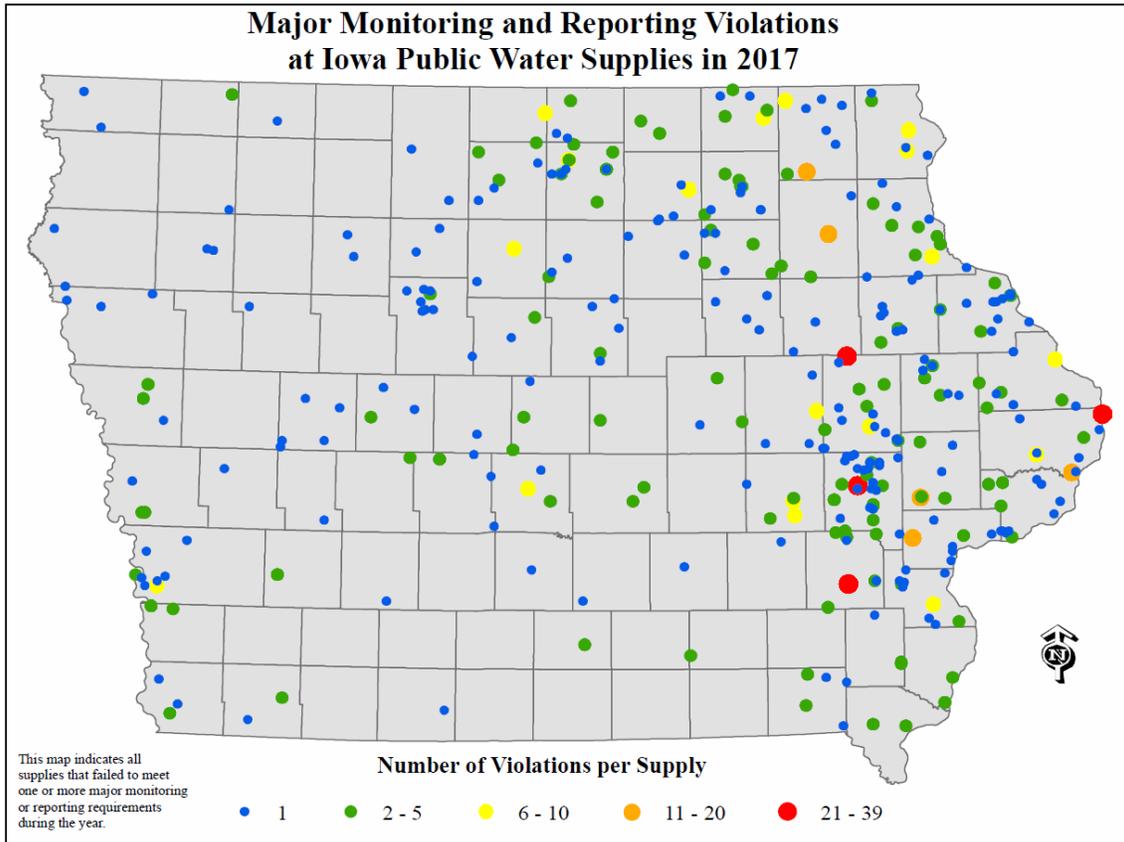
### Compliance with Monitoring & Reporting Requirements

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

- Over 2.65 million people regularly received water from Iowa systems that complied with all major monitoring and reporting requirements.
- Major monitoring and reporting requirements were met by 80.8% of the 1,841 regulated public water supply systems.
  - There were 483 major monitoring violations in 2017 at 245 systems.
  - At least one reporting violation was incurred by 185 systems, for a total of 349 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 2017. The system that incurred the most monitoring/reporting violations in 2017 had 39 monitoring/reporting violations.



Lime slaker



Elevated Storage Tower Interior

## 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.

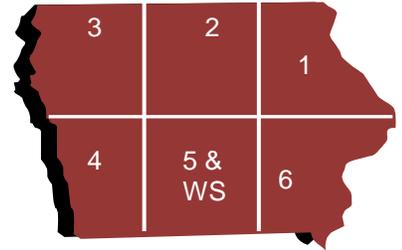
The SDWA allows States and Territories to seek EPA approval to administer their own Public Water Supply Supervision Program, which is called primacy. To receive primacy, States must meet certain requirements set forth in the SDWA regulations, including adoption of drinking water regulations which are 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 SFY2017, there were 36 systems to which loans were made, for a total loan amount of \$66.5M. From SFY 2000 through SFY 2017, approximately \$813 million has been provided in loans to Iowa's public water supply systems for 581 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 10,606 people at the end of December 2017.
- **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 current focus is on comprehensive performance evaluation training, conducted jointly with the Kansas Drinking Water Program in 2017 and 2018.
- **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 2017, which the systems may then use to develop their system-specific source water protection plans (Phase 2 plans). Five systems submitted their system-specific source water plans in 2017: Guthrie Center, Jesup, Lakeview Knolls Homeowners' Association, Sioux City, and Southern Sioux Rural Water Assn. In the first half of 2017, a one-year raw water monitoring project at surface water and influenced groundwater treatment plants was completed. The purpose of the project was to determine the level of the total microcystin in the raw water sources, and to determine if the system's treatment processes were able to remove the toxin. Microcystin is one of the cyanobacteria toxins that has caused drinking water alerts in other states.
- **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.

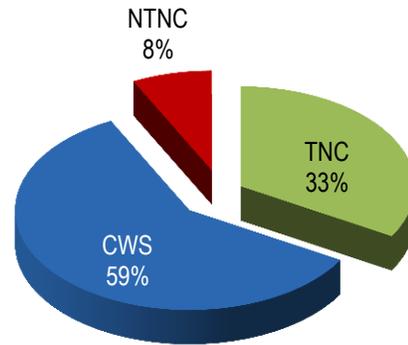
A public water supply system (PWS) is further classified as a community water system, a non-transient non-community system, or a transient non-community system.

- 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 2017, over 2.82 million Iowans were served by community public water supplies, or 92.6% of the total state population (2010 census of 3,046,355), with the remaining 7.4% of the population served by private water supplies at their residences. Iowa's 1,841 public water supply systems in 2017 included 1,086 CWS, 140 NTNC, and 615 TNC systems. The map depicting all of Iowa's active public water supply systems in 2017 is shown on the next page.



#### System Size

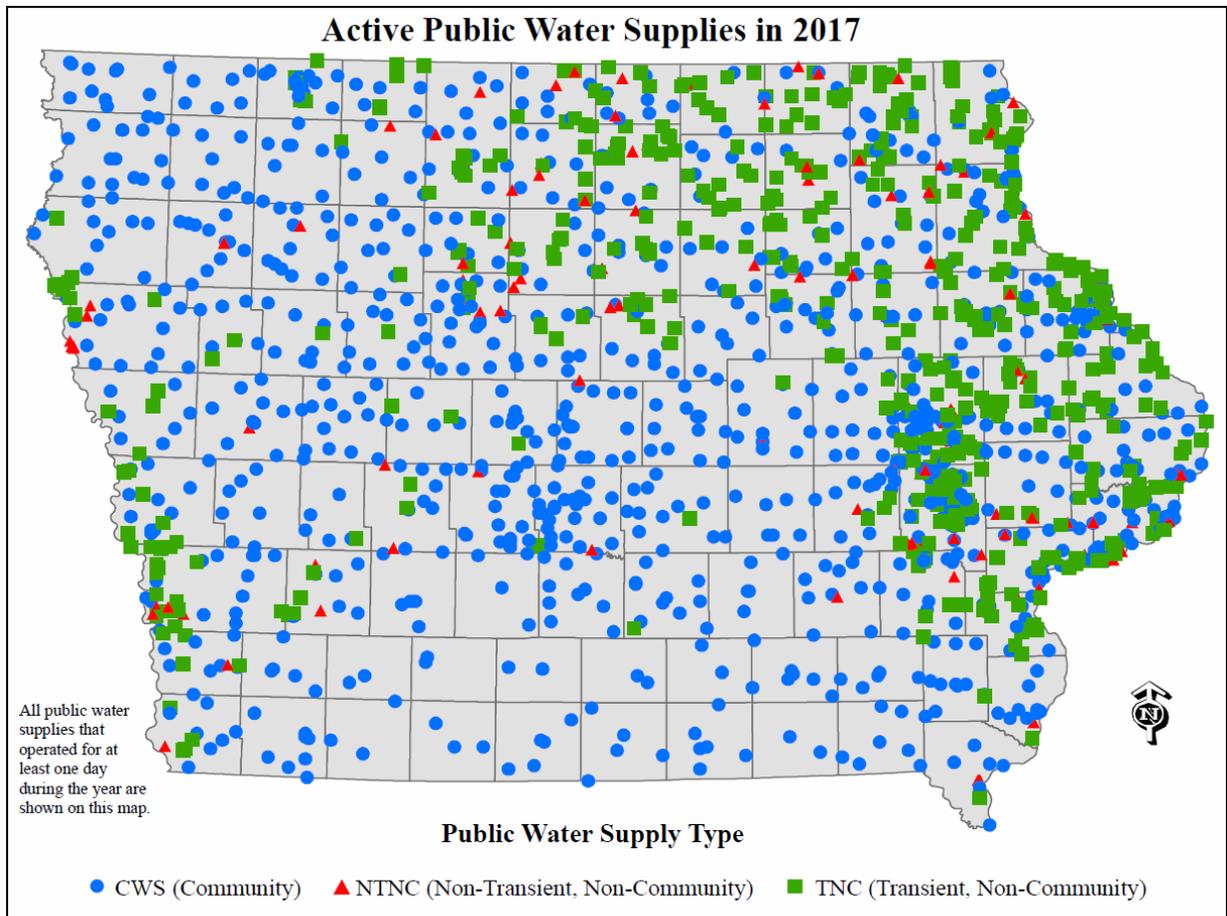
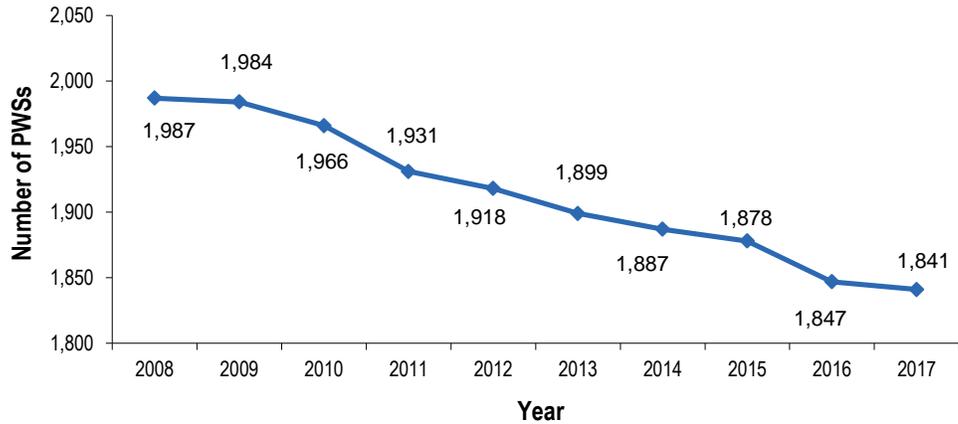
Iowa is a small-system state, as indicated in the following table, with 93% of our systems each serving fewer than 3,300 people.

Population Served	EPA Classification	Number of Iowa PWS	Percentage of Total Number of PWS	Total Population Served
25 – 500	Very Small	1,281	69.6	177,692
501 – 3,300	Small	427	23.2	515,765
3,301 – 10,000	Medium	86	4.7	483,587
10,001 – 100,000	Large	44	2.3	1,262,486
Over 100,000	Very Large	3	0.2	498,422
<b>Total</b>		<b>1,847</b>	<b>100.0</b>	<b>2,937,952</b>

In 2017, the number of public water supply systems in Iowa continued a downward trend from 2004. 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: 2008 - 2017**



**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.

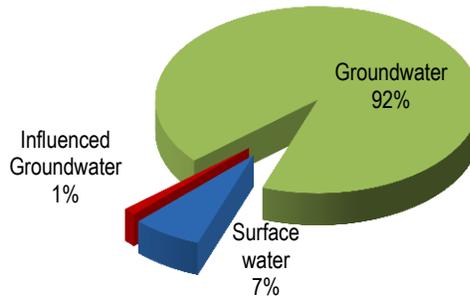
Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are the most vulnerable to contamination, followed by influenced groundwater systems. Systems using surface water or influenced groundwater 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	123	6.7	35.9
Influenced Groundwater	23	1.2	8.9
Groundwater	1,695	92.1	55.2

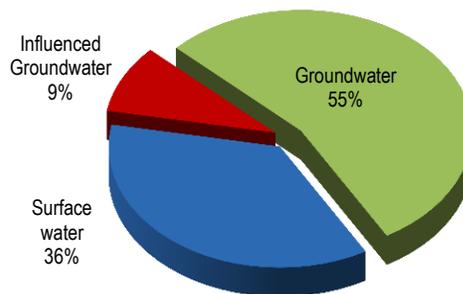
**System Source Water in Iowa:**

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 two consecutive monitoring periods 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 months in which all required samples are collected as directed and all analytical results are below the MCL.

**Chlorine Dioxide—567 IAC 41.6**

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

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

Acute MRDL: The MRDL for chlorine dioxide is 0.8 mg/L as ClO<sub>2</sub>, and only applies to those systems using chlorine dioxide in their treatment processes. An acute MRDL occurs when too much of the chlorine dioxide is applied during the treatment process at the treatment plant.

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

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

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

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

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

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

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

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

**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 periods 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 periods in which all required samples are collected as directed and all analytical results are below the MCL.

### **Radionuclides—567 IAC 41.8**

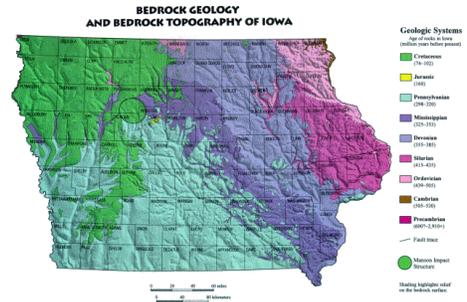
**Source of Contamination:** Alpha emitters, which include radium and uranium, occur naturally in certain groundwaters in the state due to the geological formations, particularly in the deeper aquifers. Beta emitters are usually the result of manmade sources or activities.

**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 two consecutive monitoring periods 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 "90<sup>th</sup> percentile" lead level is greater than 0.015 mg/L). The copper action level is exceeded if the concentration of copper in more than 10 percent of tap water samples collected during any monitoring period is greater than 1.3 mg/L (i.e., if the "90<sup>th</sup> percentile" copper level is greater than 1.3 mg/L). If the action level at the 90<sup>th</sup> percentile is exceeded for either lead or copper, it represents a long-term risk to health.

#### Source of Contamination:

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



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

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

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

## Treatment Technique Requirements (TT)

EPA established treatment techniques in lieu of MCLs to control unacceptable levels of some contaminants. For example, if a system using surface water or influenced groundwater exceeds the turbidity limit, does not meet the residual disinfectant requirements, or does not meet the disinfection contact time ratio (CT), 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 triggers 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.

**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 significant deficiency in their system and to fix any deficiency that is found.

**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. The violation is a treatment technique violation.

**Compliance Achieved:** The system returns to compliance after any found defect is repaired followed by two consecutive monitoring periods 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.



Generator for emergency power



Onsite laboratory for process control measurements

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

Approximately 2.54 million people received water served by Iowa public water supply systems in 2017 that complied with all health-based standards, including MCL, MRDL, AL, and TT standards. In 2017, 86.2% of the population served by community public water supply systems received water that met all drinking water standards adopted by the department, which was 5.2% lower than 2016. There were three large systems that incurred short-duration TT violations.

Of the 1,841 regulated PWSs in Iowa, 95.8% were in compliance with all MCL, MRDL, AL, and TT standards. There were 77 PWSs that had at least one violation of an MCL, AL, MRDL, or TT standard. There were 122 violations of twelve contaminants and ten treatment techniques in 2017, as indicated in the following table. The most frequent standard that was not met in Iowa in 2017 was nitrate-nitrogen.

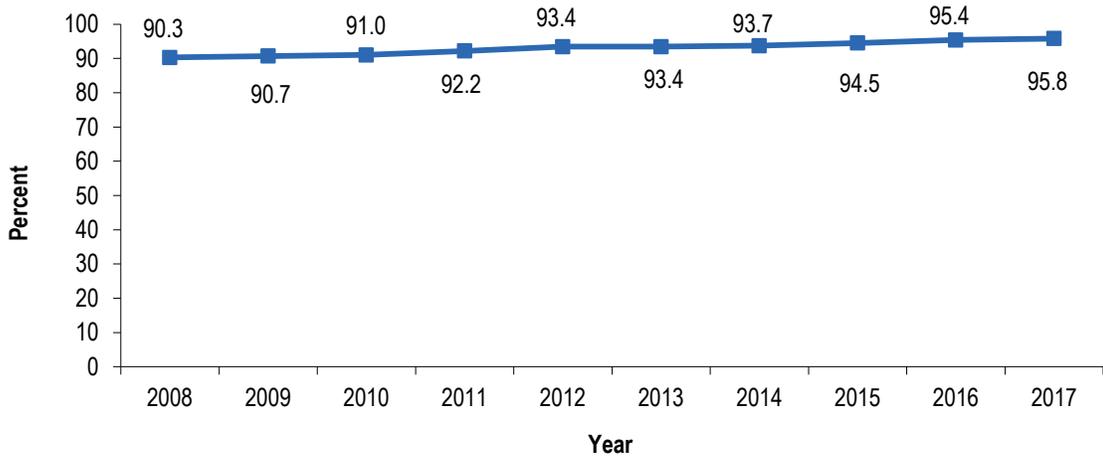
Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2017	System Population*
Arsenic	2	5	4.1	146	88
Benzene	1	4	3.3	152	28
Coliform Bacteria Failure to conduct a Level 1 Assessment TT	8	8	6.6	Not applicable	1,627
Coliform Bacteria Failure to conduct a Start-Up Procedure TT	12	12	9.8	Not applicable	1,580
Copper action level	7	7	5.7	5,319	3,920
Coliform Bacteria Failure to correct Sanitary Defects TT	1	1	0.8	Not applicable	252
SWTR CT Ratio TT	1	1	0.8	Not applicable	82,759
<i>E. coli</i>	3	3	2.5	27,003	95
Gross alpha, excluding Rn & U	1	7	5.7	163	58
GWR Failure to maintain Microbial Treatment TT	6	6	4.9	Not applicable	8,942
GWR Failure to address Significant Deficiency TT	2	2	1.6	Not applicable	254
Haloacetic Acids (5)	1	4	3.3	1,816	415
IESWTR Direct Integrity Test TT	1	1	0.8	Not applicable	7,834
Lead action level	8	8	6.6	5,322	1,286
Minimum Disinfectant Residual TT	1	5	4.1	Not applicable	4,321
Nitrate nitrogen	10	18	14.8	3,602	896
Nitrite nitrogen	2	3	2.5	892	1,902
Failure to meet Certified Operator TT	1	1	0.8	Not applicable	160
Radium 226 & 228	5	14	11.5	257	3,376
Selenium	1	1	0.8	54	266
Total Trihalomethanes (TTHM)	4	7	5.7	1,816	29,380
Turbidity treatment technique	3	4	3.3	Not applicable	247,936
<b>Total:</b>	<b>77**</b>	<b>122</b>	<b>100%</b>		<b>390,260**</b>

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

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

The number of public water supply systems in compliance with all health-based standards improved from last year, and is the ten-year high, as shown in the following chart. The average compliance rate over the ten-year period is 93.0%.

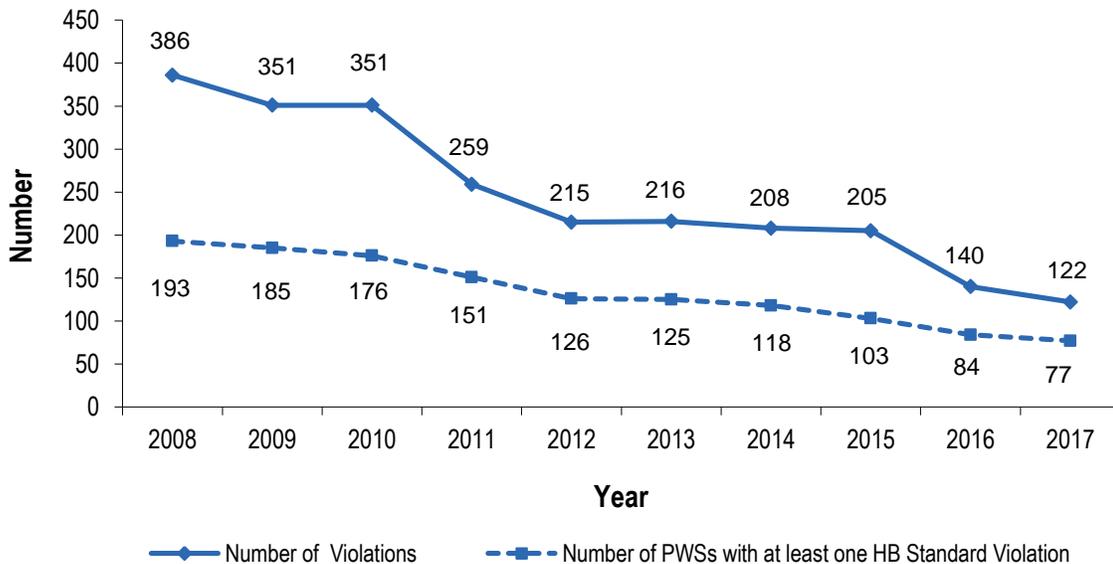
**Percentage of PWS in Compliance with all MCL, AL, TT, & MRDL: 2008 - 2017**



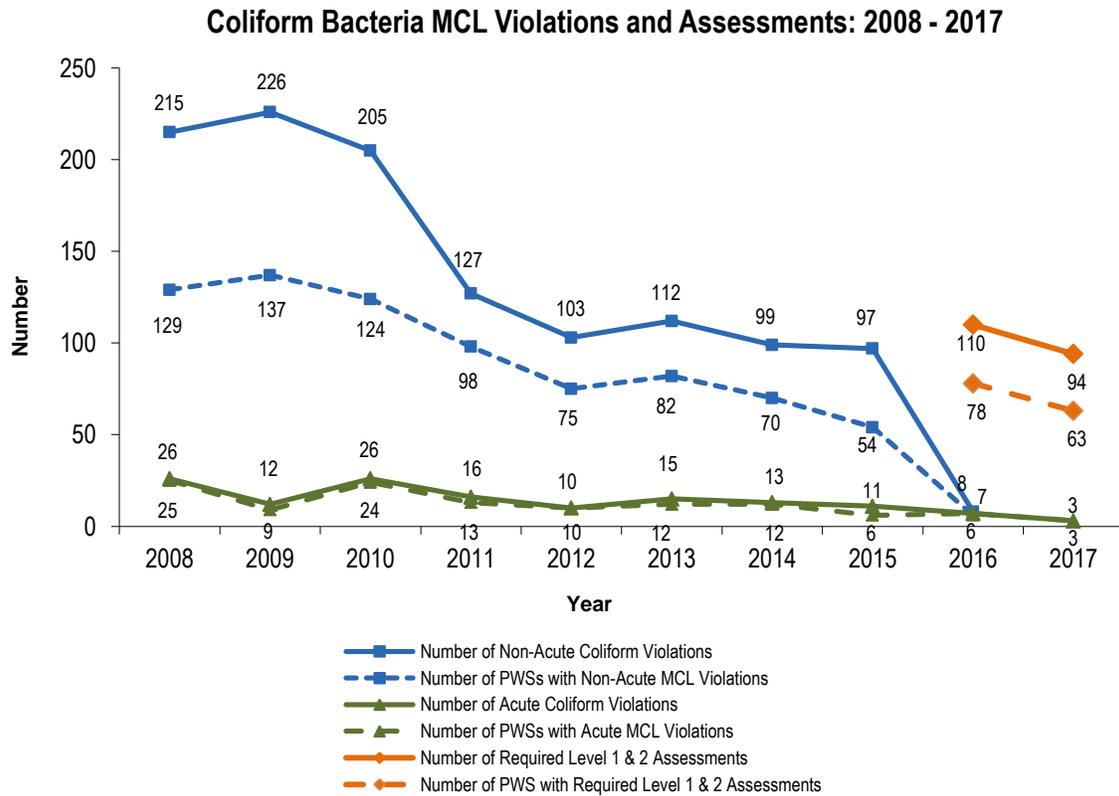
This is the first full year that the Revised TCR (RTCR) was in effect, and there were 8 systems that failed to conduct the required Level 1 Assessment and incurred 8 TT violations. If a system conducts the required Level 1 Assessment, there is no violation.

In 2017, both the number of systems with violations of health-based standards and the number of violations continued the downward trend, with the lowest levels in the ten-year period. The revision of the TCR is a large part of the decline between 2015 and 2017 since non-acute MCL coliform bacteria violations were eliminated.

**Health-Based Standards Violations: 2008 - 2017**

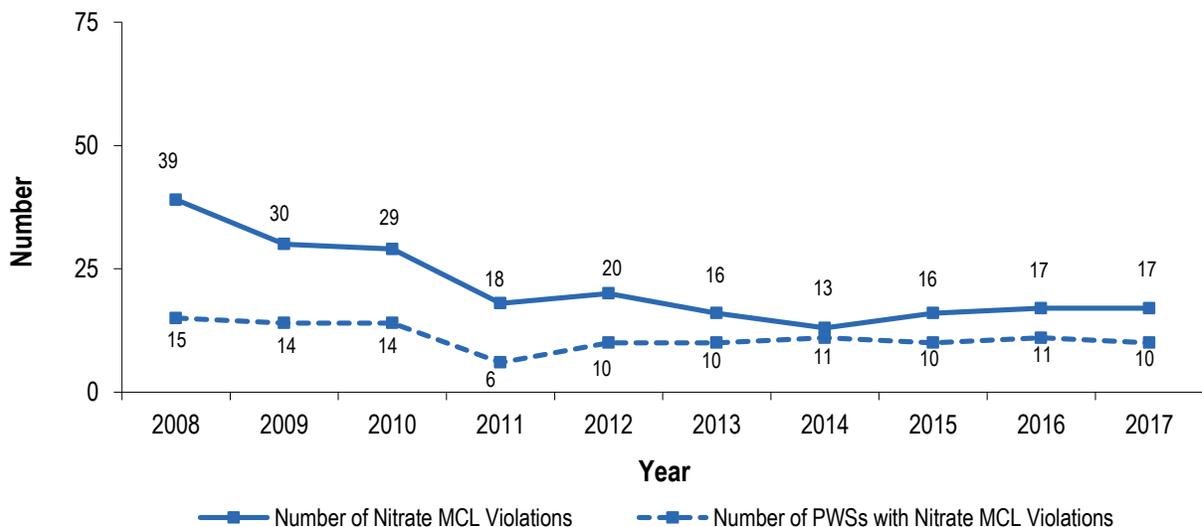


The 2017 coliform bacteria MCL violation data is quite different than 2015, due to the revision of the TCR, effective April 1, 2016. At that time, the non-acute coliform bacteria MCL violation was replaced with Level 1 and/or Level 2 Assessments, which are not violations. If the required Level 1 and 2 Assessments are included, the numbers are similar between the previous five years. The number of *E. coli* MCL violations is at a 10-year low.



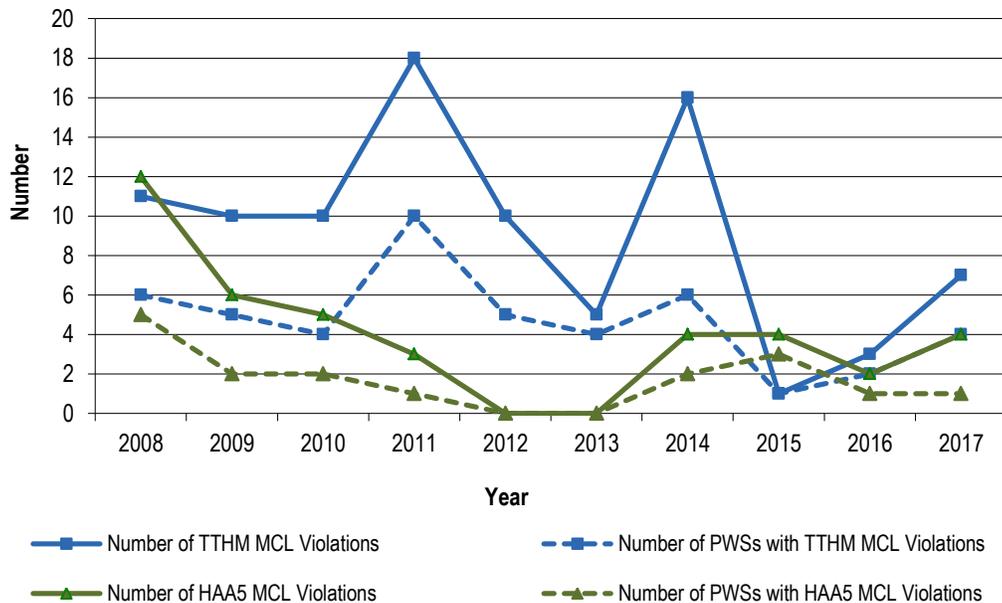
In 2017, the number of nitrate MCL violations and number of systems with violations were very similar to the previous five years.

### Nitrate MCL Violations: 2008 - 2017



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.

### Disinfection Byproduct MCL Violations: 2008 - 2017



Gas chlorine room

## Major Monitoring & Reporting Violations

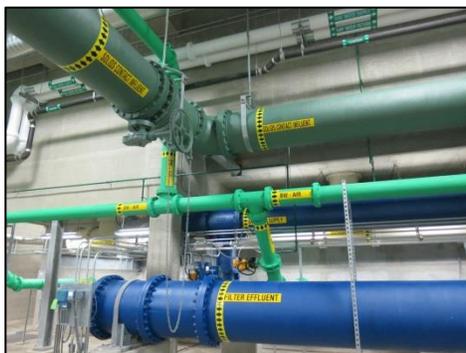
Monitoring and Reporting (M/R) violations for this report were based on the guidelines briefly described in the next table. EPA deems these violations to be classified as major violations. Minor monitoring violations are those in which at least some of the required monitoring was completed. They are 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. 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.



Pipe gallery

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

Over 2.65 million people received water served by Iowa's systems that met the major monitoring and reporting requirements. Of the 1,841 regulated PWSs in Iowa, 80.8% (1,487 PWSs) were in compliance with all major monitoring and reporting requirements. There were 354 PWSs serving a total population of 287,701 that incurred 832 major monitoring and reporting violations in 2017. 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 2017. The majority of violations were for failure to collect coliform bacteria and nitrate samples, which are the two contaminants that are required to be sampled by all systems each year.

Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
<b>Monitoring</b>			
Ammonia Nitrogen	4	4	7,107
Asbestos	2	2	9,731
Coliform Bacteria, Total (RTCR distribution system)	153	251	26,869
Copper	10	13	1,949
Cyanide	1	1	58
<i>E. coli</i> (GWR source water)	15	18	1,596
Gross alpha, excluding Rn & U	2	4	1,024
Haloacetic Acids (5)	15	15	56,180
Lead	10	13	1,949
Nitrate	62	89	78,033
Nitrite	4	6	9,253
Radium 226 & 228	4	6	2,347
Sodium	5	6	6,681
Synthetic Organic Compounds (SOC)	4	16	3,429
Total Trihalomethanes	15	15	56,180
Uranium	1	3	58
Volatile Organic Compounds (VOC)	1	21	68
<b>Monitoring Total:</b>	<b>245*</b>	<b>483</b>	<b>194,857*</b>
<b>Reporting</b>			
Failure to conduct public notice (PN)	77	184	30,961
Failure to submit monthly operation report or MRDL	59	86	18,361
Failure to issue a consumer confidence report	22	22	8,524
Failure to issue a Lead consumer notice	17	17	12,910
Failure to notify DNR within 24 hours of pressure loss	1	1	146
Failure to maintain treatment effectiveness	1	1	1,439
Failure to obtain a certified operator	2	2	1,134
Failure to obtain a construction permit	2	2	28,113
Failure to submit annual fee	26	26	2,107
Failure to meet a compliance schedule	8	8	8,842
<b>Reporting Total:</b>	<b>185*</b>	<b>349</b>	<b>106,709*</b>
<b>Monitoring &amp; Reporting Total:</b>	<b>354**</b>	<b>832</b>	<b>287,701**</b>

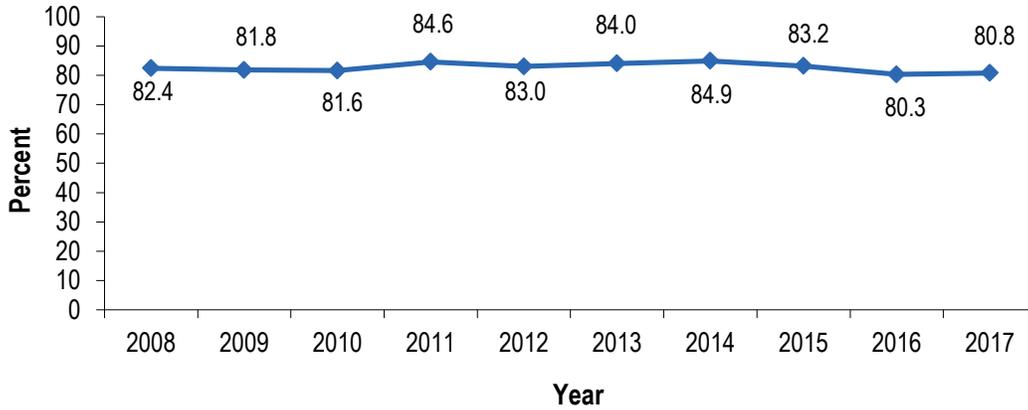
\* The population of each PWS is only counted once for each contaminant.

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

## Monitoring & Reporting Compliance Rates: 2008 - 2017

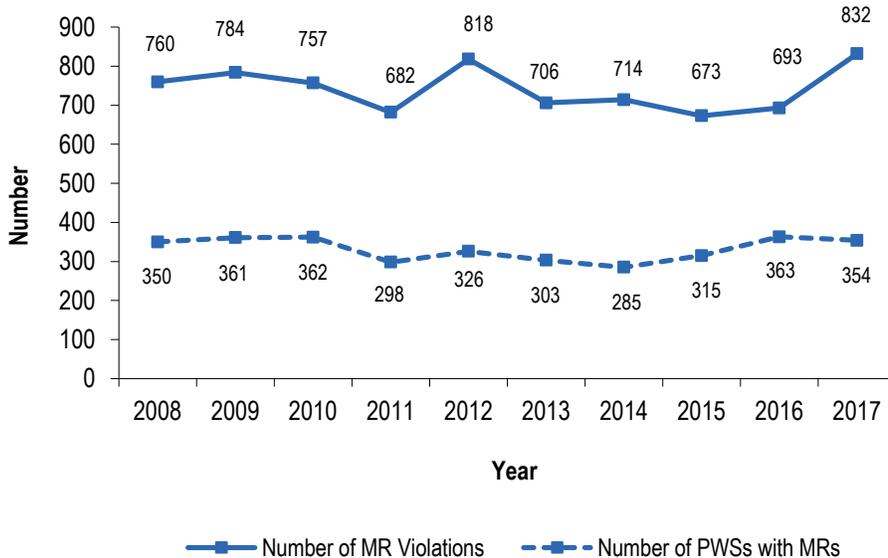
The percentage of PWS in compliance with all major monitoring and reporting requirements was 80.8% in 2017. The number of public water supplies in compliance with all major monitoring and reporting requirements averages 82.7% over the past ten years.

**Percentage of PWS in Compliance with all Major Monitoring & Reporting Requirements: 2008 - 2017**



In 2017, the number of monitoring and reporting violations increased and the number of systems with those violations decreased from 2016. The reporting violations increased in part due to an increase in the number of public notice violations that were not included in previous years' annual compliance reports. The violations were assigned and reported to the federal violations database in the proper year; the internal data query had an error which resulted in low counts for public notice violations.

**Monitoring & Reporting Violations: 2008 - 2017**



## Enforcement Actions

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

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

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

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

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



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

## Variations and Exemptions

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

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

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

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



#### MCL, MRDL, or Treatment Technique Violation

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

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

#### Monitoring or Reporting Violation

All PWSs must issue public notification for failure to:

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



#### Public Education for a Lead Action Level Exceedance

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

- newspaper announcement;
- pamphlets and brochures to doctors, clinics, schools, daycare facilities, etc.;
- attachments to customers' water bills;
- a notice printed directly on the water bill; and
- a public service announcement must be issued to television and radio for broadcasting.



In addition to the annual notice, a public service announcement must be issued every six months to local television and radio broadcast outlets. Non-transient non-community systems have notification requirements that include posting at the facility plus additional requirements depending upon the composition of their population.

### Consumer Confidence Reports

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

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



Each CWS must mail or otherwise directly deliver one copy of the report to each customer. Mailing waivers are issued to CWS having fewer than 10,000 persons, provided the system had no violations for the covered calendar year. A CWS serving fewer than 500 persons and having a mailing waiver is allowed to publicly post their CCR.

In 2017, 22 CWS failed to prepare and distribute their CCR for calendar year 2016. Each CWS received a reporting violation for this failure. The CCR compliance rate for Iowa's CWS in 2017 was 98.0%.

### 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.

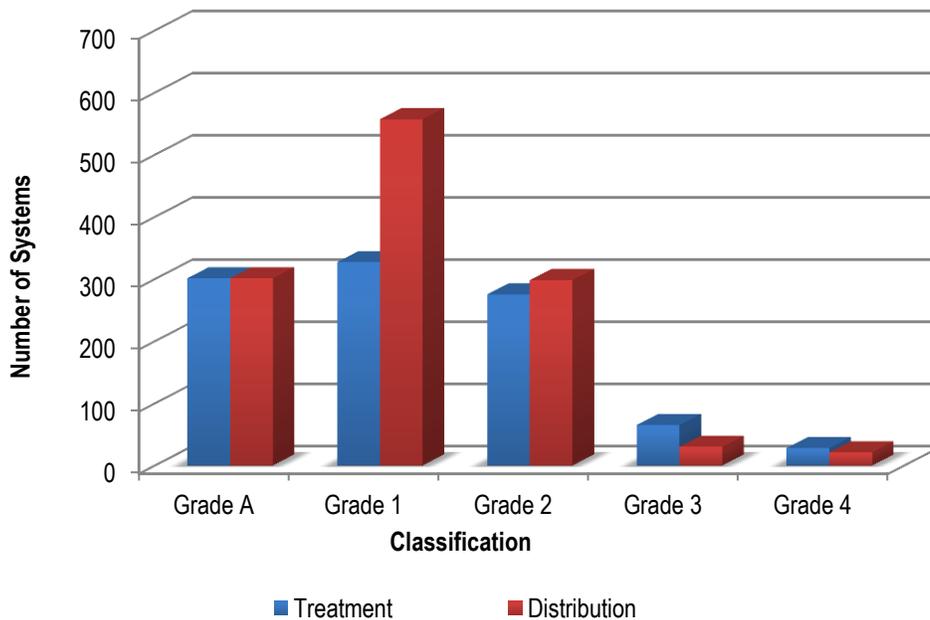
The Iowa Operator Certification Program reporting period for this report is July 1, 2017 through June 30, 2018.

### 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 20, 2018. There are 211 systems that have a distribution system but no treatment plant.

Classification	Treatment Facility	Distribution Facility
Grade A	301	301
Grade 1	327	557
Grade 2	275	298
Grade 3	65	30
Grade 4	28	21
<b>Total</b>	996	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:

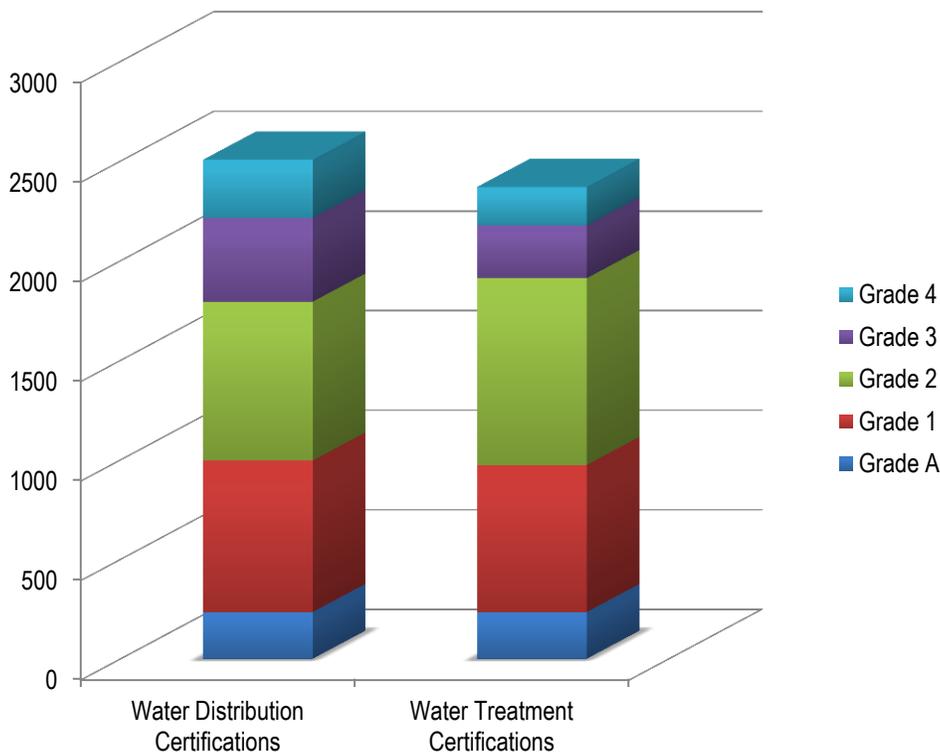
1. Meet the initial education and experience requirements and pay the examination fee,
2. Successfully pass the examination for the specific type of certification, and
3. Maintain the certification by successfully attaining the required continuing education hours or credits during each two-year certification 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 235 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	235 (combined WT and WD)	
Grade 1	761	739
Grade 2	798	938
Grade 3	421	265
Grade 4	291	193

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



### **Enforcement**

Compliance actions were directed at three public water supply systems that failed to have a certified operator in charge of their water supply and at four operators whose treatment and distribution certifications were surrendered via consent order.

### **Certification Renewal**

Operator certifications are renewed every two years, with the next 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.



Solids Upflow Clarifiers

## 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](http://www.iowadnr.gov/WS-Annual-Compliance-Report),
- publishes a notice of report availability,
- provides a notice of the report to the Environmental Protection Commission,
- archives the report in the State Library, and
- makes the report available for individuals and organizations upon request.

## Staff Contact Information:

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New pump house

## 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, 2017 through December 31, 2017					
Organic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
1,1,1-Trichloroethane	0.2	0	0	0	0	1	1
1,1,2-Trichloroethane	0.005	0	0	0	0	1	1
1,1-Dichloroethylene	0.007	0	0	0	0	1	1
1,2,4-Trichlorobenzene	0.07	0	0	0	0	1	1
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	0	0	0
1,2-Dichloroethane	0.005	0	0	0	0	1	1
1,2-Dichloropropane	0.005	0	0	0	0	1	1
2,3,7,8-TCDD (Dioxin)	0.00000008	0	0	0	0	0	0
2,4,5-TP (Silvex)	0.05	0	0	0	0	1	1
2,4-D	0.07	0	0	0	0	1	1
Acrylamide		0	0	0	0	0	0
Alachlor (Lasso)	0.002	0	0	0	0	1	1
Atrazine	0.003	0	0	0	0	1	1
Benzene	0.005	4	1	0	0	1	1
Benzo[a]pyrene	0.0002	0	0	0	0	1	1
Carbofuran	0.04	0	0	0	0	0	0
Carbon tetrachloride	0.005	0	0	0	0	1	1
Chlordane	0.002	0	0	0	0	0	0

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
cis-1,2-Dichloroethylene	0.07	0	0	0	0	1	1
Dalapon	0.2	0	0	0	0	1	1
Di(2-ethylhexyl)adipate	0.4	0	0	0	0	2	2
Di(2-ethylhexyl)phthalate	0.006	0	0	0	0	4	4
Dichloromethane	0.005	0	0	0	0	1	1
Dinoseb	0.007	0	0	0	0	1	1
Diquat	0.02	0	0	0	0	0	0
Endothall	0.1	0	0	0	0	0	0
Endrin	0.002	0	0	0	0	0	0
Epichlorohydrin		0	0	0	0	0	0
Ethylbenzene	0.7	0	0	0	0	1	1
Ethylene dibromide	0.00005	0	0	0	0	0	0
Glyphosate	0.7	0	0	0	0	0	0
Heptachlor	0.0004	0	0	0	0	0	0
Heptachlor epoxide	0.0002	0	0	0	0	0	0
Hexachlorobenzene	0.001	0	0	0	0	0	0
Hexachlorocyclopentadiene	0.05	0	0	0	0	0	0
Lindane	0.0002	0	0	0	0	0	0
Methoxychlor	0.04	0	0	0	0	0	0

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Monochlorobenzene	0.1	0	0	0	0	1	1
o-Dichlorobenzene	0.6	0	0	0	0	1	1
Oxamyl (Vydate)	0.2	0	0	0	0	0	0
para-Dichlorobenzene	0.075	0	0	0	0	1	1
Pentachlorophenol	0.001	0	0	0	0	1	1
Picloram	0.5	0	0	0	0	1	1
Simazine	0.004	0	0	0	0	1	1
Styrene	0.1	0	0	0	0	1	1
Tetrachloroethylene	0.005	0	0	0	0	1	1
Toluene	1	0	0	0	0	1	1
Total polychlorinated biphenyls	0.0005	0	0	0	0	0	0
Toxaphene	0.003	0	0	0	0	0	0
trans-1,2-Dichloroethylene	0.1	0	0	0	0	1	1
Trichloroethylene	0.005	0	0	0	0	1	1
Vinyl chloride	0.002	0	0	0	0	1	1
Xylenes (total)	10	0	0	0	0	1	1
Haloacetic acids	0.060	4	1	0	0	15	15
Total trihalomethanes	0.080	7	4	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	0	0
Arsenic	0.010	5	2	0	0	0	0
Asbestos	7 million fibers/L (>10 µm in length)	0	0	0	0	2	2
Barium	2	0	0	0	0	0	0
Beryllium	0.004	0	0	0	0	0	0
Cadmium	0.005	0	0	0	0	0	0
Chromium	0.1	0	0	0	0	0	0
Cyanide (as free cyanide)	0.2	0	0	0	0	1	1
Fluoride	4.0	0	0	0	0	0	0
Mercury	0.002	0	0	0	0	0	0
Nitrate	10 (as Nitrogen)	18	10	0	0	89	62
Nitrite	1.0 (as Nitrogen)	3	2	0	0	6	4
Selenium	0.05	1	1	0	0	0	0
Sodium	not applicable	0	0	0	0	6	5
Thallium	0.002	0	0	0	0	0	0
Total nitrate and nitrite	10 (as Nitrogen)	NA	NA	NA	NA	NA	NA

Radionuclide Contaminants	MCL	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Gross alpha (excluding Rn & U)	15 pCi/L	7	1	0	0	4	2
Radium-226 and radium-228	5 pCi/L	14	5	0	0	6	4
Gross beta	4 mrem/year	0	0	0	0	0	0
Uranium	30 µg/L	0	0	0	0	3	1
Subtotal		63	26*	0	0	184	96*

\*: Each system is only counted once in the subtotal category (i.e., 26 systems had 63 MCL violations and 96 systems had 184 monitoring/reporting violations).

Microbial Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Acute Total Coliform Bacteria MCL violation (RTCR)	Presence	3	3	0	0	0	0
Failure to complete Start-Up Procedures (RTCR)		0	0	12	12	0	0
Failure to conduct Level 1 Assessment (RTCR)		0	0	8	8	0	0
Failure to correct Sanitary Defect (RTCR)		0	0	1	1	0	0
Major routine total coliform bacteria monitoring violation (RTCR)		0	0	0	0	251	153
Major source water monitoring for Fecal Indicator (GWR)		0	0	0	0	18	15
Sanitary survey violations (significant deficiency, certified operator, and disinfectant residuals)		0	0	9	9	0	0
Subtotal		3	3*	30	30	269	164*

\*Each system is counted only once in the subtotal category, i.e., 3 systems had 3 acute coliform bacteria MCL violations.

Surface Water Treatment Rule, Interim Enhanced SWTR, LT1 ESWTR, & LT2 ESWTR*	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Filtered systems *		0	0	0	0	0	0
Monitoring, routine/repeat		0	0	0	0	0	0
Treatment techniques		0	0	6	11	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	6	11	0	0

\* All surface water and influenced groundwater systems in Iowa have filtration.

Lead and Copper Rule	Action Level	Action Level Exceedance		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Action level exceedance	Lead: 0.015 mg/L Copper: 1.3 mg/L	Lead: 8 Copper: 7	Lead: 8 Copper: 7	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: 13 Pb: 13	Cu: 10 Pb: 10
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	0	0
Subtotal		15	14*	0	0	26	10

\*: Each system is only counted once in the subtotal category (i.e., 14 systems had 15 ALE and 10 systems had 26 monitoring/reporting violations).

Stage 1 & 2 DBPR (TTHM & HAA5 included under Organic Contaminants)	MRDL or MCL	MRDL or MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Chlorine or chloramines residual	4.0 mg/L	0	0	0	0	86 reporting	59 reporting
Chlorine dioxide	0.8 mg/L	0	0	0	0	0	0
Chlorite	1.0 mg/L	0	0	0	0	0	0
Bromate	0.010 mg/L	0	0	0	0	0	0
Total organic carbon (TOC)		0	0	0	0	0	0
Subtotal		0	0	0	0	86	59

\*: Each system is only counted once in the subtotal category (i.e., 59 systems had 86 DBP reporting violations).

## APPENDIX B: Iowa Public Water Supply Violation Data

All public water supply systems that incurred one or more violations during 2017 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 2017

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	201701483	Failure to conduct Public Notice	20-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201701484	Failure to conduct Public Notice	23-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201701482	Failure to conduct Public Notice	25-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201701426	Failure to complete Start-Up Procedures	30-Apr-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/11/2017
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201701588	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/11/2017
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201701821	Failure to conduct Public Notice	27-Jun-17	Public Notice Rule Linked to Violation	PN	NOV Issued	7/18/2017
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201701778	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/11/2017
2ND PLEASANT VIEW SUBDIVISION	47	WRIGHT	IA9909305	TNC	201800193	Failure to conduct Public Notice	23-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/18/2017
61 DRIVE-IN THEATRE	27	CLINTON	IA2328801	TNC	201701566	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/20/2017
ACKLEY MUNICIPAL WATER WORKS	1589	HARDIN	IA4201001	CWS	201800650	Asbestos	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/1/2018
AINSWORTH 4 CORNERS RESTAURANT	400	WASHINGTON	IA9203760	TNC	201800127	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/17/2018
ALBURNETT COMMUNITY SCHOOL DISTRICT	500	LINN	IA5704401	TNC	201701456	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/30/2017
ALBURNETT COMMUNITY SCHOOL DISTRICT	500	LINN	IA5704401	TNC	201702077	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/22/2017
ALTOONA WATER SUPPLY	14541	POLK	IA7707030	CWS	201702260	Total Haloacetic Acids (HAA5)	31-Jul-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	8/3/2017
ALTOONA WATER SUPPLY	14541	POLK	IA7707030	CWS	201702261	Total Trihalomethanes (TTHM)	31-Jul-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	8/3/2017
AMERITEC MACHINING INC	31	CHICKASAW	IA1970103	NTNC	201800381	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/13/2017
AMERITEC MACHINING INC	31	CHICKASAW	IA1970103	NTNC	201800382	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/13/2017
AMES MOBILE HOME PARK	160	STORY	IA0800601	CWS	201700880	Failure to meet Certified Operator Requirement	31-Jan-17	Qualified Operator Failure	TT	Compliance Achieved	1/26/2017
AMES MOBILE HOME PARK	160	STORY	IA0800601	CWS	201701283	Failure to conduct Public Notice	05-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
AMES MOBILE HOME PARK	160	STORY	IA0800601	CWS	201701460	Failure to conduct Public Notice	11-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
ANCHOR INN (GARBER)	35	CLAYTON	IA2232776	TNC	201702249	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2017

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
ANCHOR INN (GARBER)	35	CLAYTON	IA2232776	TNC	201702250	Nitrate (as N)	31-Aug-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/6/2017
APLINGTON WATER SUPPLY	1138	BUTLER	IA1207061	CWS	201700732	Nitrite (as N)	31-Jan-17	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	7/12/2017
ARGO CORNERS LLC	62	SCOTT	IA8245201	TNC	201701205	Chlorine	31-Mar-17	Operations Report	RPT	Compliance Achieved	5/2/2017
AUTUMN RIDGE ESTATES MHP	1032	POLK	IA7709601	CWS	201701290	Failure to conduct Public Notice	05-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
AUTUMN RIDGE ESTATES MHP	1032	POLK	IA7709601	CWS	201701291	Failure to conduct Public Notice	20-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
AUTUMN RIDGE ESTATES MHP	1032	POLK	IA7709601	CWS	201702059	Total Haloacetic Acids (HAA5)	30-Jun-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	12/12/2017
AUTUMN RIDGE ESTATES MHP	1032	POLK	IA7709601	CWS	201702060	Total Trihalomethanes (TTHM)	30-Jun-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	12/12/2017
AUTUMN RIDGE ESTATES MHP	1032	POLK	IA7709601	CWS	201702172	Failure to meet Certified Operator Requirement	31-Jul-17	Certified Operator Requirement	STA	Compliance Achieved	11/2/2017
AUTUMN RIDGE ESTATES MHP	1032	POLK	IA7709601	CWS	201702293	Failure to conduct Public Notice	19-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
BACKBONE GOLF AND COUNTRY CLUB	64	DELAWARE	IA2279854	TNC	201701737	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/10/2017
BANKSTON PUBLIC WATER SYSTEM	41	DUBUQUE	IA3109086	TNC	201702252	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/12/2017
BECKER WATER AND ROAD	50	WEBSTER	IA9433312	CWS	201800800	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/26/2018
BELLE PLAINE WATER DEPT	2559	BENTON	IA0610099	CWS	201800809	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/5/2018
BELLEVUE MUNICIPAL UTILITIES	2191	JACKSON	IA4910000	CWS	201800483	Radium, Combined (226, 228)	31-Dec-17	MCL (Chem-Rad), Average	MCL	NOV Issued	12/7/2017
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201701469	Failure to conduct Public Notice	20-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201701470	Failure to conduct Public Notice	24-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201701471	Failure to conduct Public Notice	24-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201701398	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/1/2017
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201701399	Nitrate (as N)	30-Apr-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/1/2017
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201701986	Nitrate (as N)	31-Jul-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/16/2017
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201701987	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/16/2017
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201702277	Failure to conduct Public Notice	28-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/3/2017

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BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201702278	Failure to conduct Public Notice	28-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/3/2017
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201800317	Nitrate (as N)	31-Oct-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/19/2018
BIG ROCK COUNTRY CLUB	52	FAYETTE	IA3342890	TNC	201800318	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/19/2018
BIRMINGHAM WATER SUPPLY	448	VAN BUREN	IA8909011	CWS	201701586	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/8/2017
BIRMINGHAM WATER SUPPLY	448	VAN BUREN	IA8909011	CWS	201701774	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/8/2017
BIRMINGHAM WATER SUPPLY	448	VAN BUREN	IA8909011	CWS	201702018	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/8/2017
BIRMINGHAM WATER SUPPLY	448	VAN BUREN	IA8909011	CWS	201800025	Failure to conduct Self-Monitoring	30-Sep-17	Monitoring (MOR)	STA	NOV Issued	9/27/2017
BLACK SQUIRREL TAP	25	JOHNSON	IA5285203	TNC	201800137	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2017
BLAIRS FERRY MANOR	75	LINN	IA5784316	CWS	201701511	Failure to meet Compliance Schedule	20-Apr-17	Compliance Schedule	V/E	Compliance Achieved	9/15/2017
BLAKESBURG MUNICIPAL WATER WORKS	296	WAPELLO	IA9027014	CWS	201800347	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/18/2017
BLAKESBURG MUNICIPAL WATER WORKS	296	WAPELLO	IA9027014	CWS	201800348	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/18/2017
BLUFF LAKE CATFISH FARM	125	JACKSON	IA4950794	TNC	201701753	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/5/2017
BLUFFTON STORE	60	WINNESHIEK	IA9630773	TNC	201800132	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/14/2017
BOONDOCKS CAFÉ	630	HAMILTON	IA4070201	NTNC	201800086	Total Haloacetic Acids (HAA5)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2017
BOONDOCKS CAFÉ	630	HAMILTON	IA4070201	NTNC	201800087	Total Trihalomethanes (TTHM)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2017
BOONE WATER WORKS	12934	BOONE	IA0819033	CWS	201701686	Turbidity	21-Jun-17	Single Combined Filter Effluent (IESWTR)	TT	NOV Issued	6/23/2017
BOONE WATER WORKS	12934	BOONE	IA0819033	CWS	201702197	Turbidity	08-Sep-17	Single Comb Filter Effluent (IESWTR)	TT	NOV Issued	9/11/2017
BRANDON WATER SUPPLY	309	BUCHANAN	IA1011001	CWS	201701116	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/16/2017
BRIGHTON MUNICIPAL WATER SUPPLY	660	WASHINGTON	IA9209043	CWS	201702300	Failure to conduct Self-Monitoring	30-May-17	Monitoring (MOR)	STA	NOV Issued	9/13/2017
BRIGHTON MUNICIPAL WATER SUPPLY	660	WASHINGTON	IA9209043	CWS	201701775	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
BRIGHTON MUNICIPAL WATER SUPPLY	660	WASHINGTON	IA9209043	CWS	201702301	Failure to conduct Self-Monitoring	30-Jun-17	Monitoring (MOR)	STA	NOV Issued	9/13/2017
BRIGHTON MUNICIPAL WATER SUPPLY	660	WASHINGTON	IA9209043	CWS	201702302	Failure to conduct Self-Monitoring	30-Jul-17	Monitoring (MOR)	STA	NOV Issued	9/13/2017
BRISTOW MUNI WATER SUPPLY	160	BUTLER	IA1222044	CWS	201701363	Nitrate (as N)	31-May-17	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/23/2017

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BROOKHILL ESTATES	41	CLINTON	IA2330301	CWS	201702054	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/14/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201701103	Nitrate (as N)	31-Jan-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201701128	Nitrate (as N)	28-Feb-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201701292	Failure to conduct Public Notice	23-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/8/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201701272	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201701439	Nitrate (as N)	30-Apr-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201701593	Nitrate (as N)	31-May-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201701789	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201702061	Nitrate (as N)	31-Jul-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201702269	Nitrate (as N)	31-Aug-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201800147	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201800357	Nitrate (as N)	31-Oct-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/28/2017
BULGERS HOLLOW RECREATION AREA	77	CLINTON	IA4929901	TNC	201701752	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/10/2017
BURR OAK LUTHERAN CHURCH	50	WINNESHIEK	IA9609874	TNC	201702318	Nitrate (as N)	30-Sep-17	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/25/2018
BURR OAK LUTHERAN CHURCH	50	WINNESHIEK	IA9609874	TNC	201800576	Nitrate (as N)	31-Dec-17	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/25/2018
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	201701463	Failure to conduct Public Notice	22-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	201701386	Failure to complete Start-Up Procedures	30-Apr-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/30/2017
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	201701817	Failure to conduct Public Notice	27-Jun-17	Public Notice Rule Linked to Violation	PN	NOV Issued	7/18/2017
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	201701736	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/27/2017
CAMP AT THE WOODS	69	CERRO GORDO	IA1769419	TNC	201702186	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	1/31/2018
CAMP C S KLAUS BOY SCOUT CAMP	152	CLAYTON	IA2809812	TNC	201702251	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/10/2017
CAMP COURAGEOUS OF IOWA	155	JONES	IA5343408	TNC	201702229	Nitrate (as N)	30-Sep-17	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	9/18/2017

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CAMP INGAWANIS-RANGER WELL	150	BREMER	IA0990402	TNC	201800059	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/17/2017
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201701772	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2017
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201701773	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2017
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201800421	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/30/2017
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201800422	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/30/2017
CAMP MITIGWA	300	BOONE	IA0890490	TNC	201701382	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2017
CAMP TANAGER	84	LINN	IA5715401	TNC	201800104	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/17/2017
CAMP TANGLEFOOT	25	CERRO GORDO	IA1716417	TNC	201702187	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	1/31/2018
CAMP TANGLEFOOT	25	CERRO GORDO	IA1716417	TNC	201800733	Chlorine	31-Dec-17	Operations Report	RPT	Compliance Achieved	1/31/2018
CANYON CREEK GOLF COURSE	45	CLINTON	IA2326201	TNC	201701464	Failure to conduct Public Notice	20-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/1/2018
CANYON CREEK GOLF COURSE	45	CLINTON	IA2326201	TNC	201701393	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/1/2018
CANYON CREEK GOLF COURSE	45	CLINTON	IA2326201	TNC	201701394	Failure to complete Start-Up Procedures	30-Apr-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	1/1/2018
CARTER LAKE WATER DISTRICT	3785	POTTAWATTAMIE	IA7812079	CWS	201800747	Total Trihalomethanes (TTHM)	31-Dec-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	3/21/2018
CARTER LAKE WATER DISTRICT	3785	POTTAWATTAMIE	IA7812079	CWS	201800748	Total Haloacetic Acids (HAA5)	31-Dec-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	3/21/2018
CASEYS #3449	715	LOUISA	IA5857201	TNC	201702179	Failure to conduct Self-Monitoring	31-Aug-17	Monitoring (MOR)	STA	NOV Issued	8/25/2017
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201800107	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/30/2017
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201800337	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	1/12/2018
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201800338	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	1/12/2018
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201701250	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/28/2017
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201701882	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	8/21/2017
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201800105	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/17/2017
CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201800242	Chlorine	30-Sep-17	Operations Report	RPT	Compliance Achieved	10/19/2017

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CED REL SUPPER CLUB AND MOTEL	103	LINN	IA5715744	TNC	201800665	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/30/2018
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201701240	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2017
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201701306	Failure to complete Start-Up Procedures	19-Apr-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	6/1/2017
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201701401	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2017
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201701609	Failure to conduct Public Notice	23-May-17	Public Notice Rule Linked to Violation	PN	NOV Issued	6/19/2017
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201702096	Failure to conduct Public Notice	22-Jul-17	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2017
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201702279	Failure to conduct Public Notice	27-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201702253	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	9/19/2017
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201800084	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/18/2017
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201800319	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/20/2017
CEDAR RIDGE GOLF COURSE	316	FLOYD	IA3405895	TNC	201800523	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/18/2017
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	201701462	Failure to conduct Public Notice	20-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/1/2018
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	201701735	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/7/2017
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	201800061	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2018
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	201800408	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/1/2018
CEDAR RIVER CAMPGROUND	33	CEDAR	IA1689411	TNC	201800308	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/1/2018
CEDAR RIVER TRAILER PARK	53	LOUISA	IA5800601	CWS	201800026	Failure to conduct Self-Monitoring	30-Sep-17	Monitoring (MOR)	STA	Compliance Achieved	11/1/2017
CEDARCREST GOLF & COUNTRY CLUB	146	LOUISA	IA5815825	TNC	201701759	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/14/2017
CEDARCREST GOLF & COUNTRY CLUB	146	LOUISA	IA5815825	TNC	201702259	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/18/2017
CENTER JUNCTION (EIRUSS)	111	JONES	IA5315005	CWS	201800811	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/13/2018
CENTRAL PARK - JONES CONSERVATION	260	JONES	IA5315967	TNC	201701899	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	8/2/2017
CENTRAL PARK - JONES CONSERVATION	260	JONES	IA5315967	TNC	201701900	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	8/2/2017

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CENTRAL PARK - JONES CONSERVATION	260	JONES	IA5315967	TNC	201800333	E. coli	31-Oct-17	Monitoring (GWR) AS, Major	MON	Compliance Achieved	1/17/2018
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201701094	Failure to maintain adequate Chlorine Disinfectant Residual	31-Jan-17	Res Disinfect Concentration (SWTR)	TT	Compliance Achieved	8/7/2017
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201701159	Failure to maintain adequate Chlorine Disinfectant Residual	28-Feb-17	Res Disinfect Concentration (SWTR)	TT	Compliance Achieved	8/7/2017
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201701313	Failure to maintain adequate Chlorine Disinfectant Residual	31-Mar-17	Res Disinfect Concentration (SWTR)	TT	Compliance Achieved	8/7/2017
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201701477	Failure to conduct Public Notice	18-Apr-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201701524	Failure to maintain adequate Chlorine Disinfectant Residual	30-Apr-17	Res Disinfect Concentration (SWTR)	TT	Compliance Achieved	8/7/2017
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201701612	Failure to conduct Public Notice	21-May-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201701687	Failure to maintain adequate Chlorine Disinfectant Residual	31-May-17	Res Disinfect Concentration (SWTR)	TT	Compliance Achieved	8/7/2017
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201701958	Failure to conduct Public Notice	14-Aug-17	Public Notice Rule Not Linked to Violation	PN	NOV Issued	8/14/2017
CHESTER WATER SUPPLY	127	HOWARD	IA4509024	CWS	201800093	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/30/2017
CHESTNUT RIDGE	50	LINN	IA5784312	CWS	201702258	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/27/2017
CHRISTIAN CONFERENCE CENTER	146	JASPER	IA5059401	TNC	201701430	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/31/2017
CHRISTIAN CONFERENCE CENTER	146	JASPER	IA5059401	TNC	201800537	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/28/2017
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201800085	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/26/2017
CLARE WATER DEPARTMENT	146	WEBSTER	IA9420027	CWS	201701369	Failure to notify DNR within 24 hours of pressure loss	14-Mar-17	Notification, State, GWR	RPT	Compliance Achieved	4/26/2017
CLARENCE WATER SUPPLY	974	CEDAR	IA1630028	CWS	201800632	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/25/2018
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	201702178	Failure to maintain treatment effectiveness	31-Jul-17	Monitoring (MOR)	STA	NOV Issued	8/15/2017
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	201800255	Failure to conduct Self-Monitoring	30-Sep-17	Monitoring (MOR)	STA	NOV Issued	10/18/2017
CLARKSVILLE RECREATION DEV INC	50	BUTLER	IA1228803	TNC	201701383	Failure to complete Start-Up Procedures	30-Apr-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/11/2017
CLARKSVILLE RECREATION DEV INC	50	BUTLER	IA1228803	TNC	201800307	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/20/2017
CLARMOND COUNTRY CLUB	35	WRIGHT	IA9905872	TNC	201701305	Failure to complete Start-Up Procedures	19-Apr-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/22/2017

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
CLAYTON HILLS CAMPGROUND	25	CLAYTON	IA2234441	TNC	201701391	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/11/2017
CLEAR LAKE WATER DEPARTMENT	7777	CERRO GORDO	IA1716076	CWS	201700879	Failure to meet Compliance Schedule	09-Jan-17	Compliance Schedule	V/E	Compliance Achieved	4/10/2017
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	201800838	Chlorine	31-Dec-17	Operations Report	RPT	NOV Issued	1/26/2018
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	201701405	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/9/2017
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	201800662	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/26/2018
COACH ROAD WELL ASSOCIATION	40	CEDAR	IA1600301	CWS	201702247	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2017
COIN WATER SUPPLY	193	PAGE	IA7335054	CWS	201702127	Failure to issue Consumer Confidence Report	15-Aug-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/23/2017
COLUMBUS CITY PUBLIC WATER SUPPLY	391	LOUISA	IA5809063	CWS	201702129	Failure to issue Consumer Confidence Report	15-Aug-17	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2017
COMMUNITY CHURCH OF KAMRAR	167	HAMILTON	IA4033801	TNC	201701381	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	6/28/2017
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	201701142	Failure to conduct Public Notice	20-Feb-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/15/2017
COMMUNITY COUNTRY STORE	49	JOHNSON	IA5221207	TNC	201800160	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/13/2017
COONHUNTERS	52	JONES	IA5377201	TNC	201702240	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	11/6/2017
CORNER MARKET CORPORATION OF NEW MELLERAY	252	SCOTT	IA8258201	TNC	201701223	Failure to correct Sanitary Defects (RTCR)	30-Apr-17	Treatment Technique (RTCR)	TT	NOV Issued	4/10/2017
CORWITH WATER SUPPLY	95	DUBUQUE	IA3100899	CWS	201701336	Chlorine	31-Mar-17	Operations Report	RPT	NOV Issued	4/21/2017
CORWITH WATER SUPPLY	309	HANCOCK	IA4109077	CWS	201800088	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/7/2017
CORWITH WATER SUPPLY	309	HANCOCK	IA4109077	CWS	201800226	Lead	30-Sep-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/27/2017
COTTAGE RESERVE CORPORATION	198	JOHNSON	IA5200801	CWS	201700982	Failure to meet Compliance Schedule	15-Jan-17	Compliance Schedule	V/E	Compliance Achieved	3/6/2017
COULTER WATER SUPPLY	281	FRANKLIN	IA3525079	CWS	201800177	Failure to conduct Public Notice	01-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/23/2017
COUNCIL BLUFFS WATER WORKS	63795	POTTAWATTAMIE	IA7820080	CWS	201800344	Nitrate (as N)	31-Oct-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/1/2017
COUNTRY ESTATES MHP	150	SCOTT	IA8200601	CWS	201701203	Chlorine	31-Mar-17	Operations Report	RPT	Compliance Achieved	5/19/2017
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201701402	Nitrate (as N)	30-Apr-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/3/2017
COUNTRY WINDS MANOR INC-RESIDENTIAL CARE	115	HOWARD	IA4500901	CWS	201701403	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/3/2017

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COUNTY LINE	30	DUBUQUE	IA3198201	TNC	201800167	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/22/2017
CRESTON WATER SUPPLY	7834	UNION	IA8816089	CWS	201702180	Failure to meet Direct Integrity Test parameters	31-Aug-17	Treatment Techniques (IESWTR)	TT	NOV Issued	8/28/2017
CRYSTAL LAKE WATER SUPPLY	250	HANCOCK	IA4115092	CWS	201800468	Copper	30-Sep-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/27/2017
CULVERS LAWN AND GARDEN	120	LINN	IA5751202	TNC	201800399	E. coli	30-Oct-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/20/2017
CUMBERLAND RIDGE FIRST ADDITION	55	JOHNSON	IA5252301	CWS	201701815	E. coli	25-Jun-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/18/2017
DAIRY MART	62	WASHINGTON	IA9203763	TNC	201701480	Failure to conduct Public Notice	20-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
DAIRY MART	62	WASHINGTON	IA9203763	TNC	201800128	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/17/2018
DAYBREAK FOODS EAGLE GROVE COMPLEX	190	WRIGHT	IA9926801	NTNC	201701877	Copper	30-Sep-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	8/3/2017
DAYBREAK FOODS EAGLE GROVE COMPLEX	190	WRIGHT	IA9926801	NTNC	201800479	Failure to meet Compliance Schedule	01-Oct-17	Compliance Schedule	V/E	Compliance Achieved	2/9/2018
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201702341	Selenium	30-Sep-17	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	9/29/2017
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201800556	Failure to conduct Public Notice	02-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2017
DEER CREEK SUBDIVISION (FORT DODGE)	55	WEBSTER	IA9433302	CWS	201800684	Nitrate (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/29/2018
DEER VALLEY LODGE	100	CERRO GORDO	IA1785421	TNC	201701197	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/11/2017
DEERWOOD ESTATES UTILITIES	195	WEBSTER	IA9433349	CWS	201800801	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/23/2018
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201701497	Failure to conduct Public Notice	03-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201701498	Failure to conduct Public Notice	24-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201701440	Failure to complete Start-Up Procedures	30-Apr-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/13/2018
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201701441	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/13/2018
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201702270	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/18/2018
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201800374	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/13/2018
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	201702058	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2017
DELHI LAKEVIEW ESTATES	35	DELAWARE	IA2817456	TNC	201701236	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2017

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DELHI LAKEVIEW ESTATES	35	DELAWARE	IA2817456	TNC	201702092	Failure to conduct Public Notice	22-Jul-17	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2017
DERBY GRANGE GOLF INC	130	DUBUQUE	IA3126206	TNC	201702055	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/29/2017
DES MOINES WATER WORKS	233020	POLK	IA7727031	CWS	201701542	Turbidity	18-May-17	Single Comb Filter Effluent (IESWTR)	TT	Compliance Achieved	6/13/2017
DEVILS CREEK ESTATES HOME ASSOC	145	SCOTT	IA8218301	CWS	201701204	Chlorine	31-Mar-17	Operations Report	RPT	Compliance Achieved	5/3/2017
DEVILS CREEK ESTATES HOME ASSOC	145	SCOTT	IA8218301	CWS	201800117	Total Trihalomethanes (TTHM)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2017
DEVILS CREEK ESTATES HOME ASSOC	145	SCOTT	IA8218301	CWS	201800118	Total Haloacetic Acids (HAA5)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2017
DONNELLSON MUNI WATER WORKS	912	LEE	IA5620046	CWS	201701134	Failure to conduct Public Notice	08-Feb-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
DONNELLSON MUNI WATER WORKS	912	LEE	IA5620046	CWS	201701349	Radium, Combined (226, 228)	31-Mar-17	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/3/2017
DONNELLSON MUNI WATER WORKS	912	LEE	IA5620046	CWS	201701285	Failure to conduct Public Notice	01-Apr-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
DONNELLSON MUNI WATER WORKS	912	LEE	IA5620046	CWS	201701476	Failure to conduct Public Notice	24-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
DOON WATER SUPPLY	577	LYON	IA6015047	CWS	201701014	Coliform bacteria	31-Jan-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/6/2017
DOT-4 (I-680 RA 024N LOVELAND)	255	POTTAWATTAMIE	IA7838728	TNC	201800013	Failure to conduct Level 1 Assessment	31-Oct-17	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	10/27/2017
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	201701812	E. coli	05-Jun-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/19/2017
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	201800427	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/11/2017
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	201701270	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/3/2017
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	201800145	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/28/2017
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	201800355	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/28/2017
DUNKERTON MUNI WATER SUPPLY	852	BLACK HAWK	IA0717084	CWS	201800058	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/11/2017
EARLING WATER SUPPLY	437	SHELBY	IA8320098	CWS	201702113	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/23/2017
EASTERN HILLS BAPTIST CHURCH	125	POTTAWATTAMIE	IA7820851	NTNC	201701170	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/11/2017
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	201800097	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/13/2018
EDEN VALLEY REFUGE	25	JACKSON	IA4950905	TNC	201800327	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/13/2018

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EL BURRITO HOUSE	45	DUBUQUE	IA3130731	TNC	201701013	Nitrate (as N)	31-Jan-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/6/2017
EL BURRITO HOUSE	45	DUBUQUE	IA3130731	TNC	201701505	Nitrate (as N)	31-May-17	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	9/11/2017
ELBERON WATER SUPPLY	196	TAMA	IA8631003	CWS	201701585	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/12/2017
ELBERON WATER SUPPLY	196	TAMA	IA8631003	CWS	201702125	Failure to issue Consumer Confidence Report	15-Aug-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/22/2017
ELEGANT INN (WEST LIBERTY)	50	CEDAR	IA7073707	TNC	201701227	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	5/8/2017
ELEGANT INN (WEST LIBERTY)	50	CEDAR	IA7073707	TNC	201800110	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/14/2017
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201701183	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	9/29/2017
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201701388	Failure to complete Start-Up Procedures	30-Apr-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/8/2017
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201701880	Failure to submit MOR	30-Jun-17	Operations Report	RPT	Compliance Achieved	8/28/2017
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201702091	Failure to conduct Public Notice	02-Jul-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201702090	Failure to conduct Public Notice	03-Jul-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/8/2017
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201800309	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/28/2018
ELKHART WATER SUPPLY	683	POLK	IA7730012	CWS	201800467	Copper	30-Sep-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/22/2017
ELKHART WATER SUPPLY	683	POLK	IA7730012	CWS	201800673	Nitrite (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/18/2018
EVANSDALE WATER WORKS	4751	BLACK HAWK	IA0723027	CWS	201800306	Sodium	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2017
EXIRA WATER DEPT	840	AUDUBON	IA0520030	CWS	201701978	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/7/2017
F B & COMPANY	42	LINN	IA5720201	TNC	201701780	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/25/2017
F B & COMPANY	42	LINN	IA5720201	TNC	201701781	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/25/2017
F B & COMPANY	42	LINN	IA5720201	TNC	201800398	E. coli	07-Oct-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/26/2017
F W KENT PARK	1169	JOHNSON	IA5260966	TNC	201700992	Coliform bacteria	31-Jan-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/2/2017
F W KENT PARK	1169	JOHNSON	IA5260966	TNC	201700993	Coliform bacteria	31-Jan-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/2/2017
FARMERS ALL NATURAL CREAMERY	27	JOHNSON	IA5213101	NTNC	201701339	Lead	30-Jun-17	AL (Pb/Cu), 90th Percentile	MCL	Lead/Copper DEEM	3/6/2018

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FARMERSBURG WATERWORKS	302	CLAYTON	IA2228037	CWS	201800310	Sodium	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/29/2017
FARMINGTON WATER SUPPLY	664	VAN BUREN	IA8930038	CWS	201701206	Failure to conduct Self-Monitoring	31-Jan-17	Monitoring (MOR)	STA	Compliance Achieved	5/5/2017
FERTILE MUNICIPAL WATER	370	WORTH	IA9820010	CWS	201701962	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/22/2017
FIVE STAR COOPERATIVE	97	CHICKASAW	IA1970208	TNC	201800693	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/27/2018
FOREST MANOR SUBDIVISION	209	SCOTT	IA8209308	CWS	201800702	E. coli	28-Dec-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/7/2018
FOREST OAK PROPERTIES	109	JOHNSON	IA5285209	TNC	201800161	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/25/2017
FORT DODGE ASPHALT COMPANY	26	WEBSTER	IA9433102	TNC	201800052	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/12/2017
FREDERICKSBURG WATER SUPPLY	931	CHICKASAW	IA1940068	CWS	201800065	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/2/2017
FREEZE FRAME BOWL	55	FLOYD	IA1253851	TNC	201701195	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/28/2017
FREMONT GOLF COURSE	129	FREMONT	IA3661884	TNC	201701241	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/26/2017
FRYTOWN WATER COOP	87	JOHNSON	IA5291301	CWS	201800755	Radium, Combined (226, 228)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2018
FUNCREST	25	JOHNSON	IA5225203	TNC	201800142	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/17/2017
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201700742	Arsenic	31-Mar-17	MCL (Chem-Rad), Average	MCL	BCA Signed	2/3/2017
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201701201	Chlorine	31-Mar-17	Operations Report	RPT	Compliance Achieved	6/9/2017
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201800738	Arsenic	30-Jun-17	MCL (Chem-Rad), Average	MCL	BCA Signed	2/3/2017
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201701915	Arsenic	30-Sep-17	MCL (Chem-Rad), Average	MCL	BCA Signed	2/3/2017
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201800259	Arsenic	31-Dec-17	MCL (Chem-Rad), Average	MCL	BCA Signed	2/3/2017
GARNAVILLO WATER SUPPLY	745	CLAYTON	IA2234074	CWS	201701389	Sodium	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/20/2017
GARNAVILLO WATER SUPPLY	745	CLAYTON	IA2234074	CWS	201701390	Sodium	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/20/2017
GAVIN ESTATES	52	DUBUQUE	IA3100823	CWS	201800837	Chlorine	31-Dec-17	Operations Report	RPT	Compliance Achieved	2/10/2018
GILBERTVILLE WATER WORKS	717	BLACK HAWK	IA0733084	CWS	201702116	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/25/2017
GLIDDEN WATER SUPPLY	1146	CARROLL	IA1438091	CWS	201702115	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/25/2017

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
						Report					
GRANGER MUNI WATER SUPPLY	1244	DALLAS	IA2537001	CWS	201800745	Radium, Combined (226, 228)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	3/16/2018
GREENFIELD MUNICIPAL UTILITIES	1982	ADAIR	IA0140007	CWS	201800027	Turbidity	31-Jul-17	Monthly Combined Filter Effluent (IESWTR)	TT	Compliance Achieved	12/1/2017
GSTC COMMERCIAL PARK	193	LINN	IA5731202	NTNC	201800821	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/19/2018
GUPPIES ON THE GO	258	JOHNSON	IA5285201	TNC	201701200	Chlorine	31-Mar-17	Operations Report	RPT	Compliance Achieved	8/30/2017
GUTTENBERG GOLF & COUNTRY CLUB	129	CLAYTON	IA2242204	TNC	201701208	Failure to meet Compliance Schedule	01-Mar-17	Compliance Schedule	V/E	Compliance Achieved	7/24/2017
GUTTENBERG GOLF & COUNTRY CLUB	129	CLAYTON	IA2242204	TNC	201702268	Nitrate (as N)	31-Aug-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/28/2017
HALVORSON PARK	50	MITCHELL	IA6673401	TNC	201701192	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/17/2017
HALVORSON PARK	50	MITCHELL	IA6673401	TNC	201701798	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/1/2017
HAMMYS HIDEOUT	27	ALLAMAKEE	IA0397201	TNC	201800689	Nitrate (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/15/2018
HANCOCK COUNTY FAIRGROUNDS	27	HANCOCK	IA4103201	TNC	201701489	Failure to conduct Public Notice	20-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/20/2018
HANCOCK COUNTY FAIRGROUNDS	27	HANCOCK	IA4103201	TNC	201701490	Failure to conduct Public Notice	23-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/20/2018
HANCOCK COUNTY FAIRGROUNDS	27	HANCOCK	IA4103201	TNC	201701488	Failure to conduct Public Notice	25-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/20/2018
HANFORD COMMUNITY CHURCH	52	CERRO GORDO	IA1739801	TNC	201701141	Failure to conduct Public Notice	21-Feb-17	Public Notice Rule Linked to Violation	PN	NOV Issued	3/16/2017
HANFORD COMMUNITY CHURCH	52	CERRO GORDO	IA1739801	TNC	201701500	Failure to conduct Public Notice	21-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/6/2017
HANLONTOWN WATER SUPPLY SYSTEM	228	WORTH	IA9830001	CWS	201701963	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/21/2017
HARRIS WATER SUPPLY	170	OSCEOLA	IA7222034	CWS	201701017	Chlorine	31-Jan-17	Operations Report	RPT	Compliance Achieved	5/31/2017
HARRIS WATER SUPPLY	170	OSCEOLA	IA7222034	CWS	201701298	Chlorine	31-Mar-17	Operations Report	RPT	Compliance Achieved	5/31/2017
HARTWICK POINT WELL	120	DELAWARE	IA2817860	TNC	201701152	Nitrate (as N)	31-Mar-17	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/13/2017
HARTWICK POINT WELL	120	DELAWARE	IA2817860	TNC	201701299	Nitrate (as N)	30-Apr-17	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/13/2017
HARTWICK POINT WELL	120	DELAWARE	IA2817860	TNC	201701368	Nitrate (as N)	31-May-17	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/13/2017
HARTWICK POINT WELL	120	DELAWARE	IA2817860	TNC	201701641	Nitrate (as N)	30-Jun-17	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/13/2017

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HARTWICK POINT WELL	120	DELAWARE	IA2817860	TNC	201701916	Nitrate (as N)	31-Jul-17	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/13/2017
HARTWICK POINT WELL	120	DELAWARE	IA2817860	TNC	201702154	Nitrate (as N)	31-Aug-17	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/13/2017
HARTWICK POINT WELL	120	DELAWARE	IA2817860	TNC	201702311	Nitrate (as N)	30-Sep-17	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	3/13/2017
HAVELOCK WATER SUPPLY	138	POCAHONTAS	IA7609039	CWS	201800113	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/7/2017
HERITAGE OAKS GOLF & COUNTRY CLUB	60	LOUISA	IA5879826	TNC	201800336	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/14/2017
HERITAGE RESIDENCE	50	CHICKASAW	IA1900901	NTNC	201800806	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	2/8/2018
HERITAGE UNITED METHODIST CHURCH	200	BREMER	IA0990808	TNC	201701148	Nitrate (as N)	31-Mar-17	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	7/24/2017
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201701472	Failure to conduct Public Notice	24-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/2/2017
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201701473	Failure to conduct Public Notice	24-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/2/2017
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201701879	Failure to submit MOR	30-Jun-17	Operations Report	RPT	Compliance Achieved	8/2/2017
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201702143	Nitrate (as N)	31-Aug-17	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	8/22/2017
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201702342	Nitrate (as N)	30-Sep-17	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	9/29/2017
HIDDEN HILLS GOLF COURSE	155	SCOTT	IA8209802	TNC	201701971	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	12/13/2017
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	201800154	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2017
HILLS WATER SUPPLY	703	JOHNSON	IA5221001	CWS	201702071	Copper	30-Jun-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	12/21/2017
HILLS WATER SUPPLY	703	JOHNSON	IA5221001	CWS	201702072	Lead	30-Jun-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	12/21/2017
HILLSBORO WATER WORKS	234	HENRY	IA4425032	CWS	201800090	Nitrite (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/15/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701009	Coliform bacteria	31-Jan-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701129	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701295	Failure to conduct Public Notice	23-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701179	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	NOV Issued	4/3/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701280	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2017

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HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701502	Failure to conduct Public Notice	21-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701443	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701628	Failure to conduct Public Notice	27-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701602	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701828	Failure to conduct Public Notice	20-Jun-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701799	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/24/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201701800	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201702105	Failure to conduct Public Notice	22-Jul-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201702069	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201702296	Failure to conduct Public Notice	27-Aug-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201800206	Failure to conduct Public Notice	26-Sep-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201800158	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/17/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201800439	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201800440	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201800380	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/17/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201800569	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/14/2018
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201800546	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/18/2017
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201800694	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/17/2018
HILLTOP FARMS #3RD ADDITION	26	MUSCATINE	IA7048320	CWS	201702076	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/3/2017
HILLTOP VILLAGE MHC, INC.	80	CHEROKEE	IA1800601	CWS	201800064	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2017
HIM HEARTH N HOME COOKING	57	WASHINGTON	IA9233205	TNC	201701171	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/13/2017
HIM HEARTH N HOME COOKING	57	WASHINGTON	IA9233205	TNC	201800152	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/17/2018

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HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	201701632	Failure to conduct Public Notice	20-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	201701631	Failure to conduct Public Notice	29-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	201702078	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/31/2017
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	201800164	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/17/2017
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	201800165	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/17/2017
HOLE N THE WALL LODGE	90	PLYMOUTH	IA7509201	TNC	201701281	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/27/2017
HOLLAND WATER SUPPLY	282	GRUNDY	IA3839052	CWS	201800232	Lead	30-Sep-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/31/2017
INDIANOLA WATER SUPPLY	14782	WARREN	IA9133075	CWS	201701287	Failure to conduct Public Notice	01-Apr-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
INTERSTATE PARK	50	MITCHELL	IA6663903	TNC	201701194	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/17/2017
INTERSTATE PARK	50	MITCHELL	IA6663903	TNC	201701760	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/1/2017
INTERSTATE PARK	50	MITCHELL	IA6663903	TNC	201702273	E. coli	13-Aug-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/5/2017
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201702174	Total Trihalomethanes (TTHM)	31-Mar-17	MCL (Chem-Rad), Average	MCL	Compliance Achieved	7/19/2017
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201702175	Total Trihalomethanes (TTHM)	30-Jun-17	MCL (Chem-Rad), Average	MCL	Compliance Achieved	7/19/2017
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201800490	Failure to conduct Level 1 Assessment	31-Dec-17	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	12/8/2017
IOWA CITY REGENCY MOBILE HOME COMMUNITY	700	JOHNSON	IA5225673	CWS	201701324	Failure to conduct Self-Monitoring	30-Apr-17	Monitoring (MOR)	STA	Compliance Achieved	7/2/2017
IOWA CITY REGENCY MOBILE HOME COMMUNITY	700	JOHNSON	IA5225673	CWS	201800827	Failure to maintain Microbial Treatment	31-Dec-17	Failure Maintain Microbial Treat (GWR)	TT	NOV Issued	2/21/2018
IRISH SHANTI LLC	25	CLAYTON	IA0375838	TNC	201701115	Nitrate (as N)	28-Feb-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/13/2017
IRISH SHANTI LLC	25	CLAYTON	IA0375838	TNC	201800626	Nitrate (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/10/2018
IRUA (DOWS)	2042	FRANKLIN	IA3564901	NTNC	201701273	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/26/2017
JAEGER PLUMBING & PUMP, INC.	25	DUBUQUE	IA3126713	TNC	201701746	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/17/2017
JAEGER PLUMBING & PUMP, INC.	25	DUBUQUE	IA3126713	TNC	201800082	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/17/2017
JAMAICA WATER SUPPLY	224	GUTHRIE	IA3949000	CWS	201701012	E. coli	31-Jan-17	Monitoring (GWR) AS, Major	MON	Compliance Achieved	2/28/2017

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JAMAICA WATER SUPPLY	224	GUTHRIE	IA3949000	CWS	201701750	E. coli	30-Jun-17	Monitoring (GWR) AS, Major	MON	Compliance Achieved	7/12/2017
JAMAICA WATER SUPPLY	224	GUTHRIE	IA3949000	CWS	201800207	Copper	30-Sep-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/23/2017
JAMAICA WATER SUPPLY	224	GUTHRIE	IA3949000	CWS	201800808	Failure to address a Significant Deficiency	08-Dec-17	Failure Address Deficiency (GWR)	TT	BCA Signed	3/2/2018
JMD OIL INC	395	CEDAR	IA1600605	TNC	201701233	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2018
JMD OIL INC	395	CEDAR	IA1600605	TNC	201701461	Failure to conduct Public Notice	21-Apr-17	Public Notice Rule Linked to Violation	PN	AO w/ Penalty	12/11/2017
JMD OIL INC	395	CEDAR	IA1600605	TNC	201701563	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2018
JMD OIL INC	395	CEDAR	IA1600605	TNC	201701733	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2018
JMD OIL INC	395	CEDAR	IA1600605	TNC	201702089	Failure to conduct Public Notice	22-Jul-17	Public Notice Rule Linked to Violation	PN	AO w/ Penalty	12/11/2017
JMD OIL INC	395	CEDAR	IA1600605	TNC	201701980	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2018
JMD OIL INC	395	CEDAR	IA1600605	TNC	201702248	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2018
JMD OIL INC	395	CEDAR	IA1600605	TNC	201800174	Failure to conduct Public Notice	26-Sep-17	Public Notice Rule Linked to Violation	PN	AO w/ Penalty	12/11/2017
JMD OIL INC	395	CEDAR	IA1600605	TNC	201800407	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	AO w/ Penalty	12/11/2017
JMD OIL INC	395	CEDAR	IA1600605	TNC	201800557	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2017
JMD OIL INC	395	CEDAR	IA1600605	TNC	201800515	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2018
JOES CAMPGROUND	32	ALLAMAKEE	IA0315204	TNC	201701809	E. coli	30-Jun-17	Monitoring (GWR) AS, Major	MON	Compliance Achieved	7/12/2017
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201701278	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/28/2017
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201702104	Failure to conduct Public Notice	22-Jul-17	Public Notice Rule Linked to Violation	PN	NOV Issued	8/28/2017
JOHNSON COUNTY AG ASSOCIATION	218	JOHNSON	IA5225901	TNC	201800691	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/31/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201701015	Failure to conduct Public Notice	16-Jan-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2016
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201701199	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	3/27/2018
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201701492	Failure to conduct Public Notice	16-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201701491	Failure to conduct Public Notice	21-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201701889	Chlorine	30-Jun-17	Operations Report	RPT	NOV Issued	7/18/2017

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JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201702103	Failure to conduct Public Notice	02-Jul-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201800582	Chlorine	30-Sep-17	Operations Report	RPT	NOV Issued	10/16/2017
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201800430	Failure to conduct Public Notice	02-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201800600	Chlorine	30-Nov-17	Operations Report	RPT	NOV Issued	12/27/2017
KALONA CREAMERY, LLC	262	JOHNSON	IA5221102	TNC	201702303	Failure to conduct Self-Monitoring	30-May-17	Monitoring (MOR)	STA	Compliance Achieved	9/7/2017
KALONA CREAMERY, LLC	262	JOHNSON	IA5221102	TNC	201702304	Failure to conduct Self-Monitoring	30-Jun-17	Monitoring (MOR)	STA	Compliance Achieved	9/7/2017
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201800109	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/17/2017
KELLERTON WATER SUPPLY	315	RINGGOLD	IA8040015	CWS	201702263	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2018
KELLOGG WATER SUPPLY	599	JASPER	IA5038017	CWS	201800608	Chlorine	31-Dec-17	Monitoring (MOR)	STA	NOV Issued	1/16/2018
KELLOGG WATER SUPPLY	599	JASPER	IA5038017	CWS	201800657	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/26/2018
KEOSAUQUA WATER WORKS	1006	VAN BUREN	IA8938026	CWS	201702305	Failure to conduct Self-Monitoring	30-Apr-17	Monitoring (MOR)	STA	NOV Issued	9/6/2017
KEOSAUQUA WATER WORKS	1006	VAN BUREN	IA8938026	CWS	201702306	Failure to conduct Self-Monitoring	30-Jun-17	Monitoring (MOR)	STA	NOV Issued	9/6/2017
KEOSAUQUA WATER WORKS	1006	VAN BUREN	IA8938026	CWS	201702307	Failure to conduct Self-Monitoring	30-Jul-17	Monitoring (MOR)	STA	NOV Issued	9/6/2017
KNAPP MOBILE HOME COURT NO 4	30	DUBUQUE	IA3100602	CWS	201800845	Failure to address a Significant Deficiency	31-Aug-17	Failure Address Deficiency (GWR)	TT	BCA Signed	3/28/2018
KNIGHTS INN	38	IOWA	IA4884202	TNC	201701459	E. coli	21-Apr-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/3/2018
KNIGHTS INN	38	IOWA	IA4884202	TNC	201701555	Coliform bacteria	31-May-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	1/3/2018
KNIGHTS INN	38	IOWA	IA4884202	TNC	201702274	E. coli	17-Aug-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/3/2018
KNIGHTS INN	38	IOWA	IA4884202	TNC	201702295	Failure to conduct Public Notice	27-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
KNIGHTS INN	38	IOWA	IA4884202	TNC	201701907	Failure to conduct Level 1 Assessment	31-Aug-17	Level 1 Assessment, Multiple TC+ (RTCR)	TT	BCA Signed	2/14/2018
KNIGHTS INN	38	IOWA	IA4884202	TNC	201800205	Failure to conduct Public Notice	26-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/17/2017
KNIGHTS INN	38	IOWA	IA4884202	TNC	201800046	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	1/3/2018
KNIGHTS INN	38	IOWA	IA4884202	TNC	201800438	Failure to conduct Public Notice	21-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2017
KNIGHTS INN	38	IOWA	IA4884202	TNC	201800555	E. coli	23-Nov-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	1/3/2018
KNIGHTS INN	38	IOWA	IA4884202	TNC	201800732	Failure to conduct Self-Monitoring	31-Dec-17	Monitoring (MOR)	STA	Compliance Achieved	1/9/2018

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KOCH FERTILIZER FT DODGE LLC	144	WEBSTER	IA9433161	NTNC	201701533	Lead	30-Jun-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	6/12/2017
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201701021	Failure to conduct Public Notice	22-Jan-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201701119	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/16/2017
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201701573	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2017
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201701818	Failure to conduct Public Notice	20-Jun-17	Public Notice Rule Linked to Violation	PN	NOV Issued	7/18/2017
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201701890	Chlorine	30-Jun-17	Operations Report	RPT	NOV Issued	7/14/2017
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201800179	Failure to conduct Public Notice	23-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/18/2017
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201800601	Chlorine	30-Nov-17	Operations Report	RPT	NOV Issued	12/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701316	Radium, Combined (226, 228)	31-Mar-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701317	Gross Alpha, excluding Rn & U	31-Mar-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701318	Radium, Combined (226, 228)	31-Mar-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701319	Gross Alpha, excluding Rn & U	31-Mar-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701320	Radium, Combined (226, 228)	31-Mar-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701321	Gross Alpha, excluding Rn & U	31-Mar-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701937	Radium, Combined (226, 228)	30-Jun-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701938	Radium, Combined (226, 228)	30-Jun-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701939	Radium, Combined (226, 228)	30-Jun-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701940	Gross Alpha, excluding Rn & U	30-Jun-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701941	Gross Alpha, excluding Rn & U	30-Jun-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201701942	Gross Alpha, excluding Rn & U	30-Jun-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800198	Failure to conduct Public Notice	14-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/17/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800199	Failure to conduct Public Notice	14-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/17/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800200	Failure to conduct Public Notice	14-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/17/2017

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LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800201	Failure to conduct Public Notice	14-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/17/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800202	Failure to conduct Public Notice	14-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/17/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800203	Failure to conduct Public Notice	14-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/17/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800360	Uranium	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800361	Radium, Combined (226, 228)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800362	Uranium	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800364	Uranium	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800365	Gross Alpha, excluding Rn & U	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/15/2018
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800366	Gross Alpha, excluding Rn & U	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800367	Gross Alpha, excluding Rn & U	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/16/2018
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800369	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800370	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800371	Radium, Combined (226, 228)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800372	Radium, Combined (226, 228)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/26/2018
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800363	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800368	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800373	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800542	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800543	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800544	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/29/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800727	Radium, Combined (226, 228)	31-Dec-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800728	Gross Alpha, excluding Rn & U	31-Dec-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017

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LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800730	Radium, Combined (226, 228)	31-Dec-17	MCL (Chem-Rad), Average	MCL	BCA Signed	1/26/2017
LACINA MEADOWS HOMEOWNERS ASSOCIATION	58	JOHNSON	IA5225328	CWS	201800814	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/19/2018
LAKE MACBRIDE GOLF COURSE	45	JOHNSON	IA5282803	TNC	201800506	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	1/9/2018
LAKE MACBRIDE GOLF COURSE	45	JOHNSON	IA5282803	TNC	201800663	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/10/2018
LAKE RIDGE, INCORPORATED	1300	JOHNSON	IA5225315	CWS	201701127	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/1/2017
LAKE RIDGE, INCORPORATED	1300	JOHNSON	IA5225315	CWS	201800729	Failure to conduct Self-Monitoring	30-Sep-17	Monitoring (MOR)	STA	Compliance Achieved	1/10/2018
LAKE RIDGE, INCORPORATED	1300	JOHNSON	IA5225315	CWS	201800787	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/22/2018
LAKESIDE GOLF	30	GREENE	IA3730886	TNC	201701571	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2017
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	201800349	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/27/2017
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	201800350	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/27/2017
LANGWORTHY FARMERS MARKET	25	JONES	IA5331202	TNC	201800551	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/30/2018
LANGWORTHY FARMERS MARKET	25	JONES	IA5331202	TNC	201800698	Nitrate (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/30/2018
LAWTON WATER SUPPLY	966	WOODBURY	IA9743065	CWS	201800353	Gross Alpha, excluding Rn & U	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/5/2017
LAZY ACRES RV PARK	120	BENTON	IA0680401	TNC	201800157	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2017
LAZY SUSAN CAMPGROUND	70	CLAYTON	IA2268601	TNC	201701803	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/17/2017
LESTER WATER SUPPLY	295	LYON	IA6055077	CWS	201800526	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/11/2017
LIME SPRINGS WATER SUPPLY	505	HOWARD	IA4535081	CWS	201800094	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/3/2017
LINCOLNWAY INVESTMENT GROUP	110	LINN	IA5748201	TNC	201800356	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/4/2017
LINCOLNWAY INVESTMENT GROUP	110	LINN	IA5748201	TNC	201800539	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/4/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201701425	Sodium	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702019	Alachlor (Lasso)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702020	Atrazine	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017

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LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702021	Benzo (a) Pyrene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702022	2,4-D	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702023	Dalapon	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702024	Di(2-Ethylhexyl) Adipate	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702025	Di(2-Ethylhexyl) Phthalate	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702026	Dinoseb	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702027	Pentachlorophenol	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702028	Picloram	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702029	Simazine	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702030	2,4,5-TP (Silvex)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702031	Benzene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702032	Carbon Tetrachloride	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702033	o-Dichlorobenzene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702034	p-Dichlorobenzene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702035	1,2-Dichloroethane	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702036	cis-1,2-Dichloroethylene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702037	1,1-Dichloroethylene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702038	trans-1,2-Dichloroethylene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702039	Dichloromethane	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702040	1,2-Dichloropropane	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702041	Ethylbenzene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702042	Monochlorobenzene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017

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LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702043	Styrene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702044	Tetrachloroethylene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702045	Toluene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702046	1,2,4-Trichlorobenzene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702047	1,1,1-Trichloroethane	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702048	1,1,2-Trichloroethane	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702049	Trichloroethylene	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702050	Vinyl Chloride	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702051	Xylenes	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/7/2017
LINN HOLLOW MHP	68	WASHINGTON	IA9200601	CWS	201702124	Failure to issue Consumer Confidence Report	15-Aug-17	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2017
LIVERMORE WATER SUPPLY	384	HUMBOLDT	IA4647090	CWS	201701188	Failure to meet Compliance Schedule	31-Mar-17	Compliance Schedule	V/E	Compliance Achieved	5/4/2017
LONE ROCK WATER SUPPLY	146	KOSSUTH	IA5547094	CWS	201800102	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2017
LORE OAKS HOMEOWNERS ASSN.	57	DUBUQUE	IA3126306	CWS	201800644	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2018
LOUISA COURTS MHP & SALES	121	MUSCATINE	IA7000689	CWS	201800024	Failure to conduct Self-Monitoring	30-Sep-17	Monitoring (MOR)	STA	Compliance Achieved	1/10/2018
LOWER DEER CREEK MENNONITE CHURCH	36	JOHNSON	IA9233803	TNC	201701293	Failure to conduct Public Notice	23-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/26/2017
LU VERNE WATER SUPPLY	261	KOSSUTH	IA5551006	CWS	201701249	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/4/2017
LUANA WATER WORKS	269	CLAYTON	IA2254061	CWS	201800517	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/11/2017
MACBRIDE ESTATES DEVELOPMENT	45	JOHNSON	IA5282310	CWS	201701913	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/28/2017
MACBRIDE POINTE SECOND ADDITION	25	JOHNSON	IA5282311	CWS	201800260	Arsenic	31-Dec-17	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/16/2017
MAHASKA RURAL WATER SYSTEM, INC.	8142	MAHASKA	IA6273901	CWS	201800668	Asbestos	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/13/2018
MANCHESTER LIVESTOCK AUCTION	123	DELAWARE	IA2839202	TNC	201701886	Failure to submit MOR	30-Jun-17	Operations Report	RPT	Compliance Achieved	8/2/2017
MANNING WATER SUPPLY	1510	CARROLL	IA1457025	CWS	201800815	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/26/2018

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
MAPLE HILLS COUNTRY CLUB	55	BREMER	IA0975895	TNC	201701560	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/14/2017
MAPLE HILLS COUNTRY CLUB	55	BREMER	IA0975895	TNC	201701729	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/12/2017
MAPLE HILLS COUNTRY CLUB	55	BREMER	IA0975895	TNC	201800173	Failure to conduct Public Notice	20-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/18/2017
MAPLE HILLS COUNTRY CLUB	55	BREMER	IA0975895	TNC	201800406	Failure to conduct Public Notice	23-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017
MAPLE RIVER WESTSIDE WATERLINE	40	CARROLL	IA1400875	CWS	201701232	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2017
MAPLE STREET WELL	30	BENTON	IA0690305	CWS	201701131	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/13/2017
MAQUOKETA CAVES STATE PARK #3	50	JACKSON	IA4950923	TNC	201702056	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/25/2017
MAQUOKETA CAVES STATE PARK #3	50	JACKSON	IA4950923	TNC	201800135	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/17/2017
MASON CITY WATER DEPARTMENT	28079	CERRO GORDO	IA1750048	CWS	201800239	Failure to obtain Construction Permit	30-Sep-17	Construction Without Permit	STA	Compliance Achieved	12/4/2017
MASSEY FISHERMANS WHARF	52	DUBUQUE	IA3126204	TNC	201701185	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/11/2017
MCBRIDE FIELD CAMPUS	30	JOHNSON	IA5225501	TNC	201702211	E. coli	30-Sep-17	Acute MCL, EC+ (RTCR)	MCL	Compliance Achieved	11/28/2017
MEADOW HILLS GOLF COURSE	44	HARDIN	IA4260807	TNC	201701475	Failure to conduct Public Notice	21-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
MECHANICSVILLE WATER DEPT	1146	CEDAR	IA1667076	CWS	201701734	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/18/2017
MECHANICSVILLE WATER DEPT	1146	CEDAR	IA1667076	CWS	201702221	Failure to conduct Self-Monitoring	31-Aug-17	Monitoring (MOR)	STA	Compliance Achieved	1/10/2018
MID RIVER MARINA	31	JOHNSON	IA5252202	TNC	201701180	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/13/2017
MIKES SALOON	240	PLYMOUTH	IA7528801	TNC	201701189	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/18/2017
MILES WATER DEPARTMENT	445	JACKSON	IA4953078	CWS	201701911	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/18/2017
MILLERSBURG WATER DEPT	159	IOWA	IA4852082	CWS	201702222	Failure to conduct Self-Monitoring	31-Aug-17	Monitoring (MOR)	STA	Compliance Achieved	1/2/2018
MILLERSBURG WATER DEPT	159	IOWA	IA4852082	CWS	201800718	Failure to conduct Self-Monitoring	31-Dec-17	Monitoring (MOR)	STA	Compliance Achieved	1/2/2018
MINERS CREEK HIDEAWAY	45	CLAYTON	IA2242401	TNC	201701629	Failure to conduct Public Notice	24-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
MINERS CREEK HIDEAWAY	45	CLAYTON	IA2242401	TNC	201701606	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2017
MINERS CREEK HIDEAWAY	45	CLAYTON	IA2242401	TNC	201701607	Failure to complete Start-Up Procedures	31-May-17	Start-Up Procedures TT (RTCR)	TT	NOV Issued	6/16/2017

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MINERS CREEK HIDEAWAY	45	CLAYTON	IA2242401	TNC	201702106	Failure to conduct Public Notice	20-Jul-17	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2017
MINERS CREEK HIDEAWAY	45	CLAYTON	IA2242401	TNC	201800549	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/21/2017
MITCHELL COUNTY NATURE CENTER	30	MITCHELL	IA6663905	TNC	201701193	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/17/2017
MITCHELL COUNTY NATURE CENTER	30	MITCHELL	IA6663905	TNC	201702084	E. coli	17-Jul-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/7/2017
MITCHELL COUNTY NATURE CENTER	30	MITCHELL	IA6663905	TNC	201701688	Failure to conduct Level 1 Assessment	31-Jul-17	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	9/29/2017
MITCHELL COUNTY NATURE CENTER	30	MITCHELL	IA6663905	TNC	201800568	Failure to conduct Public Notice	21-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2017
MITCHELL TOWN PUMP	102	MITCHELL	IA6642773	TNC	201800581	Failure to meet Certified Operator Requirement	07-Nov-17	Certified Operator Requirement	STA	Compliance Achieved	4/9/2018
MONTAUK HISTORICAL SITE	462	FAYETTE	IA3317401	TNC	201800645	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/14/2018
MONTI-VIEW MOBILE HOME PARK	60	JONES	IA5300688	CWS	201701898	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	8/3/2017
MOONSHINE TAP	30	CHICKASAW	IA1974222	TNC	201701387	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/8/2017
MOONSHINE TAP	30	CHICKASAW	IA1974222	TNC	201800516	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/26/2017
MOONSHINE TAP	30	CHICKASAW	IA1974222	TNC	201800635	Nitrate (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/22/2018
MOUNT VERNON COMMUNITY BIBLE CHURCH	88	LINN	IA5758801	TNC	201702237	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	9/5/2017
MT. CRESCENT SKI AREA	119	POTTAWATTAMIE	IA7822842	TNC	201800677	Nitrate (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/21/2018
NASHUA TOWN AND COUNTRY CLUB	60	CHICKASAW	IA1967873	TNC	201701234	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/17/2017
NASHUA TOWN AND COUNTRY CLUB	60	CHICKASAW	IA1967873	TNC	201701235	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/17/2017
NEOLA LIGHT & WATER	842	POTTAWATTAMIE	IA7853043	CWS	201800750	Radium, Combined (226, 228)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/7/2018
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201701117	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/20/2017
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201800634	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/24/2018
NEW HAMPTON WATER SUPPLY	3571	CHICKASAW	IA1970051	CWS	201800066	Total Trihalomethanes (TTHM)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2017
NEW HAMPTON WATER SUPPLY	3571	CHICKASAW	IA1970051	CWS	201800067	Total Haloacetic Acids (HAA5)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2017
NEW HORIZON COOP/SPARBOE FARMS-BRITT	30	HANCOCK	IA4103801	NTNC	201701275	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/18/2017

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NEW LONDON MUNIC WATER DEPT	1922	HENRY	IA4458060	CWS	201800091	Total Trihalomethanes (TTHM)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	12/15/2017
NEW LONDON MUNIC WATER DEPT	1922	HENRY	IA4458060	CWS	201800092	Total Haloacetic Acids (HAA5)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	12/15/2017
NEW MARKET WATER SUPPLY	415	TAYLOR	IA8758061	CWS	201701303	Total Haloacetic Acids (HAA5)	30-Apr-17	MCL (Chem-Rad), Average	MCL	BCA Signed	12/27/2017
NEW MARKET WATER SUPPLY	415	TAYLOR	IA8758061	CWS	201701304	Total Haloacetic Acids (HAA5)	30-Apr-17	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/11/2018
NEW MARKET WATER SUPPLY	415	TAYLOR	IA8758061	CWS	201800480	Total Haloacetic Acids (HAA5)	30-Sep-17	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/11/2018
NEW MARKET WATER SUPPLY	415	TAYLOR	IA8758061	CWS	201800481	Total Haloacetic Acids (HAA5)	31-Dec-17	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/11/2018
NEW PROVIDENCE WATER SUPPLY	228	HARDIN	IA4271062	CWS	201702281	Failure to conduct Public Notice	05-Aug-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/25/2017
NEWELL WATER TREATMENT PLANT	891	BUENA VISTA	IA1155049	CWS	201701512	Copper	30-Jun-17	AL (Pb/Cu), 90th Percentile	MCL	Lead/Copper DEEM	5/19/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201701792	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/28/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201701793	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201702062	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/28/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201702063	Nitrate (as N)	31-Jul-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800150	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/20/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800151	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/20/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800432	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800433	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800358	Nitrate (as N)	31-Oct-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/20/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800359	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/20/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800566	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800567	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800540	Nitrate (as N)	30-Nov-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/20/2017
NEWTS CAFE	102	MUSCATINE	IA7052204	TNC	201800541	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/20/2017

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NORTH END MOBILE HOME PARK	78	DUBUQUE	IA3100609	CWS	201800820	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/19/2018
NORTH WINNESHIEK COM. SCHOOL	225	WINNESHIEK	IA9630530	NTNC	201702100	Failure to conduct Public Notice	02-Jul-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/28/2017
NORTHWOOD ESTATES	52	JOHNSON	IA5225308	CWS	201701247	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/17/2017
NORWAY CITY WATER SUPPLY	545	BENTON	IA0656081	CWS	201702111	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/8/2017
OAKVILLE WATER SUPPLY	173	LOUISA	IA5868085	CWS	201701332	Failure to conduct Self-Monitoring	31-Mar-17	Monitoring (MOR)	STA	NOV Issued	4/19/2017
OAKVILLE WATER SUPPLY	173	LOUISA	IA5868085	CWS	201701674	Failure to conduct Self-Monitoring	31-May-17	Monitoring (MOR)	STA	NOV Issued	6/22/2017
OAKWOOD PARK WATER ASSOCIATION	66	CERRO GORDO	IA1700352	CWS	201800599	Failure to conduct Public Notice	02-Dec-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/26/2018
OAKWOOD PARK WATER ASSOCIATION	66	CERRO GORDO	IA1700352	CWS	201800799	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/8/2018
OAKWOOD RV PARK	60	CERRO GORDO	IA1716801	TNC	201701431	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2017
OBIES	64	JACKSON	IA4938205	TNC	201800655	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/18/2018
OKOBOJI CAMP OWNERS COOPERATIVE	103	DICKINSON	IA3070473	CWS	201701344	Total Trihalomethanes (TTHM)	30-Jun-17	MCL (Chem-Rad), Average	MCL	NOV Issued	5/12/2017
OKOBOJI CAMP OWNERS COOPERATIVE	103	DICKINSON	IA3070473	CWS	201800252	Total Trihalomethanes (TTHM)	30-Sep-17	MCL (Chem-Rad), Average	MCL	NOV Issued	11/14/2017
OLDS MUNICIPAL WATER DEPT	229	HENRY	IA4465093	CWS	201701956	Failure to conduct Self-Monitoring	30-Aug-17	Monitoring (MOR)	STA	NOV Issued	8/8/2017
OLDTIMERS # 3 SOUTH	25	ALLAMAKEE	IA0330632	TNC	201701558	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/4/2017
ONSLOW WATER SUPPLY	197	JONES	IA5358096	CWS	201701914	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/27/2017
ORIENT MUNICIPAL WATER SUPPLY	425	ADAIR	IA0160099	CWS	201701172	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/21/2017
OSCEOLA RURAL WATER SYSTEM-SOUTH	2115	OSCEOLA	IA7177701	CWS	201800112	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/8/2017
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201701011	Coliform bacteria	31-Jan-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/2/2017
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201701335	Chlorine	31-Mar-17	Operations Report	RPT	NOV Issued	4/21/2017
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201701487	Failure to conduct Public Notice	16-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201701437	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/11/2017
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201701620	Failure to conduct Public Notice	24-May-17	Public Notice Rule Linked to Violation	PN	NOV Issued	6/16/2017
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201701884	Chlorine	30-Jun-17	Operations Report	RPT	NOV Issued	7/17/2017

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OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201702292	Failure to conduct Public Notice	28-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201800144	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/17/2017
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201800244	Chlorine	30-Sep-17	Operations Report	RPT	NOV Issued	10/16/2017
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201800591	Chlorine	30-Nov-17	Operations Report	RPT	NOV Issued	12/27/2017
OUTBACK CANOE RENTAL	27	JONES	IA5343402	TNC	201800402	E. coli	09-Oct-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/1/2017
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201701289	Failure to conduct Public Notice	23-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201701173	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	NOV Issued	4/3/2017
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201701268	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	5/1/2017
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201701590	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	6/21/2017
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201702291	Failure to conduct Public Notice	05-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
PAPAS PARADISE LLC	27	LOUISA	IA5815801	TNC	201702142	Failure to conduct Self-Monitoring	30-Aug-17	Monitoring (MOR)	STA	NOV Issued	8/22/2017
PARK AT SUNSET BEACH	30	DELAWARE	IA2800622	CWS	201800077	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2017
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201701212	Failure to submit MOR	30-Apr-17	Operations Report	RPT	Compliance Achieved	3/9/2018
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201701991	Copper	30-Jun-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	12/18/2017
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201701992	Lead	30-Jun-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	12/18/2017
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201701909	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/7/2017
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201701954	Failure to submit MOR	31-Jul-17	Operations Report	RPT	Compliance Achieved	3/9/2018
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201701993	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/25/2017
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201800584	Lead	31-Dec-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/3/2018
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201800585	Copper	31-Dec-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/3/2018
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201800712	Failure to conduct Self-Monitoring	31-Dec-17	Monitoring (MOR)	STA	Compliance Achieved	1/10/2018
PERFECT GAME INC	400	LINN	IA5715204	TNC	201701485	Failure to conduct Public Notice	20-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
PERFECT GAME INC	400	LINN	IA5715204	TNC	201701486	Failure to conduct Public Notice	24-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017

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PERFECT GAME INC	400	LINN	IA5715204	TNC	201701427	Failure to complete Start-Up Procedures	30-Apr-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	6/28/2017
PERFECT GAME INC	400	LINN	IA5715204	TNC	201701428	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/28/2017
PERFECT GAME INC	400	LINN	IA5715204	TNC	201701589	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/28/2017
PERFECT GAME INC	400	LINN	IA5715204	TNC	201701822	Failure to conduct Public Notice	27-Jun-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/11/2017
PERFECT GAME INC	400	LINN	IA5715204	TNC	201702079	E. coli	13-Jul-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/31/2017
PERFECT GAME INC	400	LINN	IA5715204	TNC	201702289	Failure to conduct Public Notice	28-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/3/2017
PERFECT GAME INC	400	LINN	IA5715204	TNC	201702290	Failure to conduct Public Notice	28-Aug-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/11/2017
PERFECT GAME INC	400	LINN	IA5715204	TNC	201702267	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/28/2017
PIERSON WATER SUPPLY	376	WOODBURY	IA9766041	CWS	201702190	Chlorine	31-Aug-17	Operations Report	RPT	Compliance Achieved	9/30/2017
PILOT KNOB STATE PARK-CAMPGROUND	50	WINNEBAGO	IA9525935	TNC	201702052	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2017
PILOT KNOB STATE PARK-CAMPGROUND	50	WINNEBAGO	IA9525935	TNC	201800351	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/20/2017
PILOT TRAVEL CENTER #496	87	CEDAR	IA1689201	TNC	201701215	Failure to submit MOR	30-Apr-17	Operations Report	RPT	Compliance Achieved	8/2/2017
PIN OAK PUB & LINKS	100	DELAWARE	IA2839204	TNC	201800163	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2017
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201701384	Nitrate (as N)	30-Apr-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/10/2017
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201701385	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/10/2017
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201702275	Failure to conduct Public Notice	27-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201702276	Failure to conduct Public Notice	27-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
PINE GROVE MENNONITE SCHOOL	36	HOWARD	IA4509501	NTNC	201800323	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/28/2017
PINE GROVE MENNONITE SCHOOL	36	HOWARD	IA4509501	NTNC	201800324	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/28/2017
PINTERS GARDEN CENTER & PUMPKIN PATCH	25	WINNESHIEK	IA9630213	TNC	201701806	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/24/2017
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	201701196	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/28/2017
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201701178	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	NOV Issued	4/3/2017

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PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201701438	Failure to complete Start-Up Procedures	30-Apr-17	Start-Up Procedures TT (RTCR)	TT	NOV Issued	5/23/2017
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201701493	Failure to conduct Public Notice	01-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201701824	Failure to conduct Public Notice	26-Jun-17	Public Notice Rule Linked to Violation	PN	NOV Issued	7/18/2017
POCAHONTAS WATER DEPARTMENT	1789	POCAHONTAS	IA7633049	CWS	201702010	Nitrogen-Ammonia (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/10/2018
POET BIOREFINING (COON RAPIDS)	57	GUTHRIE	IA3907801	NTNC	201701543	Nitrate (as N)	30-Jun-17	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	12/11/2017
PRAIRIE VIEW ESTATES ASSOC JOHNSON CNTY	155	JOHNSON	IA5225326	CWS	201800810	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/12/2018
QUAKERDALE	60	HARDIN	IA4271901	CWS	201800196	Failure to conduct Public Notice	01-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/18/2017
QUAKERDALE	60	HARDIN	IA4271901	CWS	201800538	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/4/2017
RABINER TREATMENT CENTER	190	WEBSTER	IA9433801	CWS	201701961	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/23/2017
RAPID CREEK RIDGE	70	JOHNSON	IA5225387	CWS	201800330	Di(2-Ethylhexyl) Phthalate	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/22/2017
RAPID CREEK RIDGE	70	JOHNSON	IA5225387	CWS	201800331	Di(2-Ethylhexyl) Adipate	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/22/2017
RATHBUN REG WATER ASSN (FT MADISON)	10125	LEE	IA0400901	CWS	201702243	Total Trihalomethanes (TTHM)	31-Jul-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/20/2017
RATHBUN REG WATER ASSN (FT MADISON)	10125	LEE	IA0400901	CWS	201702244	Total Haloacetic Acids (HAA5)	31-Jul-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/20/2017
RATHBUN REG WTR ASSN (BURLINGTON)	8190	DES MOINES	IA0400902	CWS	201702245	Total Trihalomethanes (TTHM)	31-Jul-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/16/2017
RATHBUN REG WTR ASSN (BURLINGTON)	8190	DES MOINES	IA0400902	CWS	201702246	Total Haloacetic Acids (HAA5)	31-Jul-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/16/2017
REGIONAL WATER	4065	SHELBY	IA8300184	CWS	201702181	Failure to maintain Microbial Treatment	17-Jul-17	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	8/31/2017
REVELLE 6TH & 7TH ADDITION	125	SCOTT	IA8215301	CWS	201701217	Failure to submit MOR	30-Apr-17	Operations Report	RPT	Compliance Achieved	8/7/2017
RHODYS	42	DUBUQUE	IA3126203	TNC	201701237	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/1/2017
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201701264	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/17/2017
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201701481	Failure to conduct Public Notice	21-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201701776	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/17/2017
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201702099	Failure to conduct Public Notice	22-Jul-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/5/2018

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RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201800131	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/25/2018
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201800036	Failure to conduct Level 1 Assessment	31-Oct-17	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	12/20/2017
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201800535	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/25/2018
RICE LAKE GOLF & COUNTRY CLUB	100	WINNEBAGO	IA9545202	TNC	201800681	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/25/2018
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201701960	Failure to issue Lead Consumer Notice	31-Mar-17	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	8/14/2017
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201800386	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201800387	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201800388	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201800389	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201800390	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201800391	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201800392	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
RIVER POINT RIDGE HOMEOWNERS ASSOC INC	55	JACKSON	IA4910301	CWS	201800393	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2017
RIVER RANCH CAMPING INC	37	CHICKASAW	IA1967402	TNC	201701621	Failure to conduct Public Notice	25-May-17	Public Notice Rule Linked to Violation	PN	NOV Issued	6/19/2017
RJ THOMAS MANUFACTURING CO INC	70	CHEROKEE	IA1811102	NTNC	201701379	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	5/17/2017
ROBINSON-DRESSER SPORTS COMPLEX	128	BLACK HAWK	IA0709502	TNC	201702068	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/4/2017
ROCK CREEK MARINA & CAMPGROUND	52	CLINTON	IA2322446	TNC	201800068	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/25/2018
ROCKWELL WATER SUPPLY	1039	CERRO GORDO	IA1773097	CWS	201800062	Total Trihalomethanes (TTHM)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2017
ROCKWELL WATER SUPPLY	1039	CERRO GORDO	IA1773097	CWS	201800063	Total Haloacetic Acids (HAA5)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2017
ROCKY NOOK ASSOCIATION, INC.	50	DELAWARE	IA2817710	TNC	201701184	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/12/2017
ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201701874	Nitrate (as N)	30-Sep-17	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	7/31/2017
ROLLING ACRES SUBDIVISION	115	MUSCATINE	IA7048310	CWS	201800156	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/5/2017

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ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201701143	Failure to conduct Public Notice	20-Feb-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201701144	Failure to conduct Public Notice	20-Feb-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201701296	Failure to conduct Public Notice	23-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201701297	Failure to conduct Public Notice	23-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	201701881	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	8/28/2017
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	201800240	Chlorine	30-Sep-17	Operations Report	RPT	NOV Issued	10/16/2017
ROMANTIX INC	204	MILLS	IA6525204	TNC	201800697	Nitrate (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/2/2018
ROUND GROVE GOLF & COUNTRY CLUB	87	BUTLER	IA1253805	TNC	201701732	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/25/2017
ROYAL PINES VILLAGE	300	CLINTON	IA2300638	CWS	201701213	Failure to submit MOR	30-Apr-17	Operations Report	RPT	Compliance Achieved	8/4/2017
RURAL WATER SYSTEM #1	3252	SIOUX	IA8400722	CWS	201800008	Failure to maintain Microbial Treatment	31-Jul-17	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	10/31/2017
RUSTIC OAKS HOMEOWNERS ASSN.	100	SCOTT	IA8215399	CWS	201701216	Failure to submit MOR	30-Apr-17	Operations Report	RPT	Compliance Achieved	8/9/2017
RUTLAND WATER SUPPLY	126	HUMBOLDT	IA4675012	CWS	201701574	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/20/2017
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201702119	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/8/2017
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201701984	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/15/2017
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201800817	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/26/2018
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201701133	Failure to conduct Public Notice	22-Feb-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201701468	Failure to conduct Public Notice	23-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
SAINTS PETER & PAUL LUTHERAN CHURCH	45	JONES	IA5343805	TNC	201800692	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/29/2018
SCHALLER WATER SUPPLY	787	SAC	IA8156028	CWS	201702015	Nitrogen-Ammonia (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/7/2017
SCHULER MANUFACTURING	36	CASS	IA1545101	NTNC	201701675	Lead	30-Jun-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	7/7/2017
SCOTT CO PK - BALD EAGLE CAMPGROUND	108	SCOTT	IA8251401	TNC	201800511	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	2/22/2018
SCRANTON WATER SYSTEM	557	GREENE	IA3759031	CWS	201702254	Total Trihalomethanes (TTHM)	31-Jul-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/17/2017

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SCRANTON WATER SYSTEM	557	GREENE	IA3759031	CWS	201702255	Total Haloacetic Acids (HAA5)	31-Jul-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	10/17/2017
SEARS 66 SERVICE	28	CLAYTON	IA2232201	TNC	201701023	Benzene	31-Mar-17	MCL (Chem-Rad), Average	MCL	NOV Issued	2/24/2017
SEARS 66 SERVICE	28	CLAYTON	IA2232201	TNC	201701522	Benzene	30-Jun-17	MCL (Chem-Rad), Average	MCL	NOV Issued	5/31/2017
SEARS 66 SERVICE	28	CLAYTON	IA2232201	TNC	201702171	Benzene	30-Sep-17	MCL (Chem-Rad), Average	MCL	NOV Issued	9/5/2017
SEARS 66 SERVICE	28	CLAYTON	IA2232201	TNC	201800482	Benzene	31-Dec-17	MCL (Chem-Rad), Average	MCL	NOV Issued	12/7/2017
SHUEYS	29	JOHNSON	IA5280201	TNC	201701181	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	5/10/2017
SIOUX CITY WATER SUPPLY	82759	WOODBURY	IA9778054	CWS	201701162	Failure to meet CT Ratio	06-Mar-17	Treatment Techniques (IEWSTR)	TT	Compliance Achieved	4/30/2017
SLABYS BAR AND GRILL	27	SCOTT	IA8270201	TNC	201701274	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/25/2017
SLABYS BAR AND GRILL	27	SCOTT	IA8270201	TNC	201701496	Failure to conduct Public Notice	21-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
SLATER MUNI WATER DEPT	1489	STORY	IA8580057	CWS	201701951	Copper	30-Sep-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	5/10/2018
SLATER MUNI WATER DEPT	1489	STORY	IA8580057	CWS	201800532	Total Haloacetic Acids (HAA5)	31-Oct-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/2/2018
SLATER MUNI WATER DEPT	1489	STORY	IA8580057	CWS	201800533	Total Trihalomethanes (TTHM)	31-Oct-17	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/2/2018
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201701406	Di(2-Ethylhexyl) Phthalate	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/5/2017
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201701407	Sodium	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/11/2017
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201800813	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/19/2018
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	TNC	201701191	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/12/2017
SOLDIER WATER SUPPLY	174	MONONA	IA6749061	CWS	201701190	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/20/2017
SOLOON WATER DEPT	2037	JOHNSON	IA5282062	CWS	201701218	Failure to submit MOR	30-Apr-17	Operations Report	RPT	Compliance Achieved	8/7/2017
SORBO FAMILY CAMPGROUND	36	WORTH	IA9855403	TNC	201702184	Failure to conduct Level 1 Assessment	30-Sep-17	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	Compliance Achieved	12/26/2017
SOUTH ENGLISH WATER SUPPLY	248	KEOKUK	IA5478074	CWS	201702130	Failure to issue Consumer Confidence Report	15-Aug-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/15/2017
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	201800148	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/2/2017
SPORTSMEN MOTEL	52	ALLAMAKEE	IA0315203	TNC	201800149	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2017

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SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	201701608	E. coli	07-May-17	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/25/2017
SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	201701743	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/25/2017
SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	201701744	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/25/2017
SPRING LAKE CAMPGROUND	25	DES MOINES	IA2909461	TNC	201701745	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/28/2017
SPRING VALLEY BIBLE CAMP	80	MUSCATINE	IA7048438	TNC	201701210	Failure to submit MOR	30-Apr-17	Operations Report	RPT	NOV Issued	4/6/2017
SPRING VALLEY BIBLE CAMP	80	MUSCATINE	IA7048438	TNC	201701955	Failure to submit MOR	31-Jul-17	Operations Report	RPT	NOV Issued	8/8/2017
SPRUCE CREEK PARK # 5	43	JACKSON	IA4910404	TNC	201701648	Failure to conduct Level 1 Assessment	30-Jun-17	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	1/3/2018
SSAB IOWA INC	760	MUSCATINE	IA7038101	NTNC	201701202	Chlorine	31-Mar-17	Operations Report	RPT	Compliance Achieved	8/10/2017
SSAB IOWA INC	760	MUSCATINE	IA7038101	NTNC	201701207	Failure to maintain Microbial Treatment	31-Mar-17	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	4/11/2017
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201800545	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/12/2017
ST JOHNS LUTHERAN CHURCH	52	BUTLER	IA1253853	TNC	201701022	Failure to conduct Public Notice	22-Jan-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/7/2017
ST. JOHN LUTH. CHURCH (MINEOLA)	25	MILLS	IA6549801	TNC	201701252	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/12/2017
ST. JOHN LUTH. CHURCH (MINEOLA)	25	MILLS	IA6549801	TNC	201702287	Failure to conduct Public Notice	05-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
STATE CENTER MUNI WATER DEPT	1468	MARSHALL	IA6484093	CWS	201702005	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2017
STATE CENTER MUNI WATER DEPT	1468	MARSHALL	IA6484093	CWS	201800583	Chlorine	31-Jul-17	Record Keeping	RPT	Compliance Achieved	1/11/2018
STEAMBOAT ROCK WATER DEPT	310	HARDIN	IA4289094	CWS	201800320	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/8/2017
STOCKPORT WATER SUPPLY	296	VAN BUREN	IA8973095	CWS	201800125	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/17/2018
STORY CITY WATER DEPT	3431	STORY	IA8584000	CWS	201702016	Nitrogen-Ammonia (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	4/26/2018
STRINGTOWN GROCERY	39	JOHNSON	IA5221208	TNC	201701130	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/16/2017
STRINGTOWN GROCERY	39	JOHNSON	IA5221208	TNC	201701145	Failure to meet Compliance Schedule	28-Feb-17	Compliance Schedule	V/E	Compliance Achieved	6/21/2017
STRINGTOWN GROCERY	39	JOHNSON	IA5221208	TNC	201701504	Failure to conduct Public Notice	16-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/21/2017
STRINGTOWN GROCERY	39	JOHNSON	IA5221208	TNC	201701211	Failure to submit MOR	30-Apr-17	Operations Report	RPT	Compliance Achieved	5/3/2017
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201701572	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/5/2017

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
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201702114	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/7/2017
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201800178	Failure to conduct Public Notice	23-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/17/2017
SUPER 20 MOBILE HOME PARK	236	DUBUQUE	IA3126603	CWS	201800819	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/1/2018
SUTLIFF STORE AND TAVERN	266	JOHNSON	IA5282309	TNC	201800711	Failure to conduct Self-Monitoring	31-Dec-17	Monitoring (MOR)	STA	Compliance Achieved	1/9/2018
SWARTZROCK IMPLEMENT CO INC	37	FLOYD	IA3405201	TNC	201701807	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/11/2017
SYNGENTA SEEDS LLC	58	JOHNSON	IA5240101	NTNC	201800332	Cyanide	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/12/2017
TERRY WATER ASSOCIATION	25	BENTON	IA0690304	CWS	201800818	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	3/14/2018
<b>THE BEARS DEN LLC</b>	51	FAYETTE	<b>IA3357769</b>	TNC	201701186	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	NOV Issued	4/3/2017
<b>THE BEARS DEN LLC</b>	51	FAYETTE	<b>IA3357769</b>	TNC	201701239	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/28/2017
<b>THE BEARS DEN LLC</b>	51	FAYETTE	<b>IA3357769</b>	TNC	201701334	Chlorine	31-Mar-17	Operations Report	RPT	Compliance Achieved	7/31/2017
<b>THE BEARS DEN LLC</b>	51	FAYETTE	<b>IA3357769</b>	TNC	201701474	Failure to conduct Public Notice	16-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701136	Failure to conduct Public Notice	22-Feb-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701138	Failure to conduct Public Notice	22-Feb-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701333	Chlorine	31-Mar-17	Operations Report	RPT	NOV Issued	4/21/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701410	Nitrate (as N)	30-Apr-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701411	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701412	Nitrate (as N)	30-Apr-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701413	Coliform bacteria	30-Apr-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701577	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701578	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701579	Nitrate (as N)	31-May-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701580	Nitrate (as N)	31-May-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2017

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THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701755	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701756	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701757	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701758	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201701883	Chlorine	30-Jun-17	Operations Report	RPT	NOV Issued	7/17/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201702000	Nitrate (as N)	31-Jul-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201702001	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201702002	Nitrate (as N)	31-Jul-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201702003	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201702283	Failure to conduct Public Notice	28-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/3/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201702284	Failure to conduct Public Notice	28-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/3/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201702285	Failure to conduct Public Notice	28-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/3/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201702286	Failure to conduct Public Notice	28-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/3/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800182	Failure to conduct Public Notice	20-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/18/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800183	Failure to conduct Public Notice	20-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/18/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800184	Failure to conduct Public Notice	20-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/18/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800185	Failure to conduct Public Notice	20-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/18/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800243	Chlorine	30-Sep-17	Operations Report	RPT	NOV Issued	10/16/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800415	Failure to conduct Public Notice	02-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800413	Failure to conduct Public Notice	23-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800414	Failure to conduct Public Notice	23-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800416	Failure to conduct Public Notice	23-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800417	Failure to conduct Public Notice	23-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017

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THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800561	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800562	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800563	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800564	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2017
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201800592	Chlorine	30-Nov-17	Operations Report	RPT	NOV Issued	12/27/2017
THE GROVE	31	JONES	IA5377727	TNC	201701167	Nitrate (as N)	31-Mar-17	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	9/17/2017
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	201701754	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2017
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	201701996	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2017
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	201800412	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2017
THE HILLSIDE BAR & GRILL	92	JONES	IA5343202	TNC	201800560	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2017
THE HOP	35	JACKSON	IA4955725	TNC	201701661	E. coli	30-Jun-17	Acute MCL, EC+ (RTCR)	MCL	Compliance Achieved	9/1/2017
THE HOP	35	JACKSON	IA4955725	TNC	201701965	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	9/1/2017
THE HOP	35	JACKSON	IA4955725	TNC	201800559	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2017
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	201701626	Failure to conduct Public Notice	23-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	201701625	Failure to conduct Public Notice	25-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	201701627	Failure to conduct Public Notice	25-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	201701599	Failure to complete Start-Up Procedures	31-May-17	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/30/2017
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	201701795	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/18/2017
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	201702067	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/29/2017
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	201800155	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/18/2017
THE OUTPOST	31	BUTLER	IA1211739	TNC	201800060	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/17/2017
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201701294	Failure to conduct Public Notice	05-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201701279	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/27/2017

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THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201701499	Failure to conduct Public Notice	22-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201701601	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/27/2017
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201702294	Failure to conduct Public Notice	05-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201702075	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2017
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201702271	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2017
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800162	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/27/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800383	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/27/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800570	Failure to conduct Public Notice	20-Nov-17	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2017
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800547	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/27/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800839	Failure to maintain Microbial Treatment	30-Nov-17	Failure Maintain Microbial Treat (GWR)	TT	NOV Issued	1/5/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800695	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/27/2018
THE WINCHESTER	75	ALLAMAKEE	IA0397202	TNC	201800696	Nitrate (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/27/2018
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201701006	Coliform bacteria	31-Jan-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/7/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201701126	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/7/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201701288	Failure to conduct Public Notice	24-Mar-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201701265	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/8/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201701615	Failure to conduct Public Notice	24-May-17	Public Notice Rule Linked to Violation	PN	NOV Issued	6/19/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201701587	Coliform bacteria	31-May-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/5/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201701820	Failure to conduct Public Notice	20-Jun-17	Public Notice Rule Linked to Violation	PN	NOV Issued	7/18/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201701777	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/5/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201702101	Failure to conduct Public Notice	22-Jul-17	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201702266	Coliform bacteria	31-Aug-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/18/2017

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THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201800192	Failure to conduct Public Notice	23-Sep-17	Public Notice Rule Linked to Violation	PN	NOV Issued	10/18/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201800424	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201800352	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/11/2017
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201800536	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/11/2017
THREE ELMS GOLF COURSE	29	BUCHANAN	IA1037201	TNC	201701271	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/10/2017
THURMAN WATER WORKS	229	FREMONT	IA3671021	CWS	201702131	Failure to issue Consumer Confidence Report	15-Aug-17	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2017
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201701885	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	11/7/2017
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201702120	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	4/3/2018
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201800055	Total Trihalomethanes (TTHM)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2017
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201800056	Total Haloacetic Acids (HAA5)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2017
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201800238	Chlorine	30-Sep-17	Operations Report	RPT	Compliance Achieved	11/7/2017
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201800514	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/18/2017
TIMBER RIDGE LODGE RECREATION, LTD.	250	MONONA	IA6715711	TNC	201701761	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/20/2017
TIMBER RIDGE LODGE RECREATION, LTD.	250	MONONA	IA6715711	TNC	201701762	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/20/2017
TIMBER RIDGE LODGE RECREATION, LTD.	250	MONONA	IA6715711	TNC	201800419	Failure to conduct Public Notice	24-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/12/2017
TIMBER RIDGE LODGE RECREATION, LTD.	250	MONONA	IA6715711	TNC	201800420	Failure to conduct Public Notice	24-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/12/2017
TIMBER VALLEY ESTATES (1ST & 2ND ADD)	132	SCOTT	IA8215384	CWS	201701177	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/14/2017
TIMBER VALLEY ESTATES (THIRD ADDITION)	65	SCOTT	IA8215385	CWS	201701176	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/14/2017
TIMBERLANE ADDITION	54	WEBSTER	IA9433336	CWS	201800802	Chlorine	31-Dec-17	Operations Report	RPT	Compliance Achieved	3/22/2018
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201701467	Failure to conduct Public Notice	23-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/9/2017
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201701465	Failure to conduct Public Notice	24-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/9/2017
TIPTON WATER SUPPLY	3221	CEDAR	IA1689022	CWS	201701981	Di(2-Ethylhexyl) Phthalate	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/31/2017

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
TOGIE PUB	25	HOWARD	IA4564201	TNC	201701120	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/20/2017
TOGIE PUB	25	HOWARD	IA4564201	TNC	201701198	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	11/13/2017
TOGIE PUB	25	HOWARD	IA4564201	TNC	201701819	Failure to conduct Public Notice	20-Jun-17	Public Notice Rule Linked to Violation	PN	NOV Issued	7/18/2017
TOGIE PUB	25	HOWARD	IA4564201	TNC	201702282	Failure to conduct Public Notice	02-Aug-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2017
TOGIE PUB	25	HOWARD	IA4564201	TNC	201800477	Failure to conduct Level 1 Assessment	30-Nov-17	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	NOV Issued	2/28/2018
TOLEDO WATER SUPPLY	2341	TAMA	IA8676027	CWS	201701479	Failure to conduct Public Notice	29-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2016
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201701616	Failure to conduct Public Notice	03-May-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201701617	Failure to conduct Public Notice	29-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201701619	Failure to conduct Public Notice	29-May-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201702057	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/2/2017
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201800138	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/17/2018
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201800139	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/17/2018
TRAER GOLF & COUNTRY CLUB	42	TAMA	IA8681200	TNC	201701259	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/16/2018
TRAER GOLF & COUNTRY CLUB	42	TAMA	IA8681200	TNC	201702288	Failure to conduct Public Notice	06-Aug-17	Public Notice Rule Linked to Violation	PN	NOV Issued	9/19/2017
TREASURE VILLAGE INC	70	DICKINSON	IA3050472	TNC	201800079	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/18/2017
TURKEY VALLEY COMMUNITY SCHOOL	601	WINNESHIEK	IA9661531	NTNC	201800425	Failure to conduct Public Notice	23-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/27/2017
TURKEY VALLEY COMMUNITY SCHOOL	601	WINNESHIEK	IA9661531	NTNC	201800426	Failure to conduct Public Notice	23-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/27/2017
TURTLE CREEK PARK - DELAWARE C.C.B.	27	DELAWARE	IA2839902	TNC	201701742	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/29/2017
TWIN BRIDGES PARK - DELAWARE C.C.B.	61	DELAWARE	IA2839901	TNC	201701741	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/29/2017
TYSON FRESH MEATS INC (PERRY PLANT)	1100	DALLAS	IA2561101	NTNC	201800072	Nitrite (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/21/2018
TYSON FRESH MEATS INC (PERRY PLANT)	1100	DALLAS	IA2561101	NTNC	201800073	Nitrite (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/21/2018
TYSON FRESH MEATS INC (PERRY PLANT)	1100	DALLAS	IA2561101	NTNC	201800311	Nitrogen-Ammonia (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/21/2018

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UNIVERSITY WATER SYSTEM	26684	JOHNSON	IA5225101	CWS	201700887	Total Trihalomethanes (TTHM)	31-Mar-17	MCL (Chem-Rad), Average	MCL	Compliance Achieved	8/1/2017
UNIVERSITY WATER SYSTEM	26684	JOHNSON	IA5225101	CWS	201701331	Total Trihalomethanes (TTHM)	30-Jun-17	MCL (Chem-Rad), Average	MCL	Compliance Achieved	8/1/2017
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201701738	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/18/2017
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201800069	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/23/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201800070	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/17/2017
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201800410	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2017
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201800640	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/23/2018
VALLEY OAKS	100	CLINTON	IA2326848	TNC	201800641	Nitrate (as N)	31-Dec-17	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/17/2018
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	201800321	Copper	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	1/22/2018
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	201800322	Lead	30-Sep-17	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	1/22/2018
VICTOR MUNICIPAL WATER DEPT	893	IOWA	IA4875050	CWS	201701910	Failure to issue Consumer Confidence Report	01-Jul-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	7/14/2017
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201701230	Nitrate (as N)	31-Mar-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/26/2017
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201701728	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/14/2017
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201701878	Chlorine	30-Jun-17	Operations Report	RPT	Compliance Achieved	2/2/2018
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201702087	Failure to conduct Public Notice	22-Jul-17	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2017
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201701977	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/14/2017
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201800053	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2017
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201800241	Chlorine	30-Sep-17	Operations Report	RPT	Compliance Achieved	2/2/2018
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201800593	Chlorine	30-Nov-17	Operations Report	RPT	Compliance Achieved	2/2/2018
WALCOTT WATERWORKS	1629	SCOTT	IA8285058	CWS	201800120	Total Haloacetic Acids (HAA5)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2017
WALCOTT WATERWORKS	1629	SCOTT	IA8285058	CWS	201800121	Total Trihalomethanes (TTHM)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/17/2017
WALDENBURG COMMUNITY WATER SYSTEM	90	IOWA	IA4802301	CWS	201700864	Failure to maintain Microbial Treatment	31-Jan-17	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	5/8/2017

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WALDSCHMIDT SUBDIVISION	45	WASHINGTON	IA9260301	CWS	201701263	Coliform bacteria	31-Mar-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/11/2017
WALDSCHMIDT SUBDIVISION	45	WASHINGTON	IA9260301	CWS	201800534	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/11/2017
WALKER WATER WORKS	796	LINN	IA5792059	CWS	201702004	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/4/2017
WAPSIE RIDGE GOLF COURSE, INC.	47	BREMER	IA0965201	TNC	201701779	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2017
WAPSIE RIDGE GOLF COURSE, INC.	47	BREMER	IA0965201	TNC	201800428	Failure to conduct Public Notice	23-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017
WASHINGTON PRAIRIE LUTHERAN CHURCH	124	WINNESHIEK	IA9630809	TNC	201702053	Coliform bacteria	31-Jul-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/10/2017
WAUBONSIE ST PK (OVERLOOK WELL)	229	FREMONT	IA3629932	TNC	201701118	Coliform bacteria	28-Feb-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/6/2017
WAUBONSIE ST PK (OVERLOOK WELL)	229	FREMONT	IA3629932	TNC	201800524	Coliform bacteria	30-Nov-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/28/2018
WAVERLY PIT LANE TRAVEL PLAZA	205	BREMER	IA0990207	TNC	201701784	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/7/2017
WAVERLY PIT LANE TRAVEL PLAZA	205	BREMER	IA0990207	TNC	201800431	Failure to conduct Public Notice	23-Oct-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/2/2018
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201800587	Failure to conduct Self-Monitoring	30-Nov-17	Monitoring (MOR)	STA	Compliance Achieved	1/17/2018
WELTON WATER SUPPLY	165	CLINTON	IA2391001	CWS	201700895	Radium, Combined (226, 228)	31-Mar-17	MCL (Chem-Rad), Average	MCL	Compliance Achieved	7/10/2017
WEST CENTRAL RWA - NISH SYSTEM	3573	CARROLL	IA1400902	CWS	201701562	Nitrate (as N)	31-May-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/20/2017
WEST GRAND GOLF	54	POLK	IA2509201	TNC	201800143	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/20/2017
WESTERN HILLS (MOBILE) ESTATES	760	JOHNSON	IA5208600	CWS	201800661	Coliform bacteria	31-Dec-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2018
WESTFAIR	301	POTTAWATTAMIE	IA7820401	TNC	201800354	Coliform bacteria	31-Oct-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/19/2018
WHEATLAND CITY WATER SUPPLY	764	CLINTON	IA2394017	CWS	201701372	Nitrite (as N)	31-May-17	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	12/13/2017
WHEATLAND CITY WATER SUPPLY	764	CLINTON	IA2394017	CWS	201701373	Nitrite (as N)	31-May-17	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	12/13/2017
WHISKEY CREEK (FEEDLOT)	34	WOODBURY	IA9778111	TNC	201800588	Failure to obtain Construction Permit	28-Dec-17	Construction Without Permit	STA	NOV Issued	12/28/2017
WIELE MOTOR	31	LOUISA	IA5815201	TNC	201800168	E. coli	21-Sep-17	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	1/17/2018
WILDWOOD WATER CORPORATION	185	DALLAS	IA2570301	CWS	201702230	Lead	30-Sep-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	9/25/2017
WILLIAMSBURG PUBLIC WATER SUPPLY	3068	IOWA	IA4884023	CWS	201701121	Nitrite (as N)	28-Feb-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2017

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WILLIAMSBURG PUBLIC WATER SUPPLY	3068	IOWA	IA4884023	CWS	201701122	Nitrite (as N)	28-Feb-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2017
WIND & FIRE MINISTRIES INC	59	LINN	IA5751802	TNC	201701187	Failure to submit Annual PWS Fee	31-Mar-17	Annual PWS Fee Submittal	STA	Compliance Achieved	4/28/2017
WIND & FIRE MINISTRIES INC	59	LINN	IA5751802	TNC	201701801	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/26/2017
WIND & FIRE MINISTRIES INC	59	LINN	IA5751802	TNC	201800159	Coliform bacteria	30-Sep-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/26/2017
WINDHAM BAR AND GRILL	52	JOHNSON	IA5260202	TNC	201701796	Nitrate (as N)	30-Jun-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/27/2017
WINDHAM BAR AND GRILL	52	JOHNSON	IA5260202	TNC	201800435	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/17/2017
WODEN WATER SUPPLY	229	HANCOCK	IA4170033	CWS	201800089	Nitrate (as N)	30-Sep-17	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/8/2017
WODEN WATER SUPPLY	229	HANCOCK	IA4170033	CWS	201800803	Chlorine	31-Dec-17	Operations Report	RPT	Compliance Achieved	3/22/2018
WOODLAND RIDGE SUBDIVISION	50	JOHNSON	IA5225320	CWS	201701302	Radium, Combined (226, 228)	31-Mar-17	MCL (Chem-Rad), Average	MCL	BCA Signed	2/8/2018
WOODLAND RIDGE SUBDIVISION	50	JOHNSON	IA5225320	CWS	201701705	Radium, Combined (226, 228)	30-Jun-17	MCL (Chem-Rad), Average	MCL	BCA Signed	2/8/2018
WOODLAND RIDGE SUBDIVISION	50	JOHNSON	IA5225320	CWS	201800040	Radium, Combined (226, 228)	30-Sep-17	MCL (Chem-Rad), Average	MCL	BCA Signed	2/8/2018
WOODLAND RIDGE SUBDIVISION	50	JOHNSON	IA5225320	CWS	201800469	Failure to meet Compliance Schedule	31-Dec-17	Compliance Schedule	V/E	Compliance Achieved	12/8/2017
WOODLYN HILLS	110	KOSSUTH	IA5502319	CWS	201800231	Lead	30-Sep-17	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/31/2017
WOODWARD WATER SUPPLY	1024	DALLAS	IA2576036	CWS	201702132	Failure to issue Consumer Confidence Report	15-Aug-17	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/22/2017
WORD OF FAITH DOMINION CHURCH	81	WINNEBAGO	IA9545801	TNC	201701501	Failure to conduct Public Notice	21-Apr-17	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2017
WORD OF FAITH DOMINION CHURCH	81	WINNEBAGO	IA9545801	TNC	201701797	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/17/2017
WORD OF FAITH DOMINION CHURCH	81	WINNEBAGO	IA9545801	TNC	201800436	Failure to conduct Public Notice	22-Oct-17	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2017
WORTH CO INTERCHANGE 214 WATER SUPPLY	7300	WORTH	IA9855202	NTNC	201800140	Total Trihalomethanes (TTHM)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2017
WORTH CO INTERCHANGE 214 WATER SUPPLY	7300	WORTH	IA9855202	NTNC	201800141	Total Haloacetic Acids (HAA5)	31-Aug-17	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2017
XENIA RWD (MADRID)	1493	BOONE	IA0848701	CWS	201701523	Total Trihalomethanes (TTHM)	30-Jun-17	MCL (Chem-Rad), Average	MCL	NOV Issued	6/1/2017
XENIA RWD (NORTH)	5888	WEBSTER	IA9425701	CWS	201800797	Failure to issue Lead Consumer Notice	31-Dec-17	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/22/2018
YANKEE GROVE PART 3	30	CEDAR	IA1667301	CWS	201701804	Coliform bacteria	30-Jun-17	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/12/2017

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YANKEE GROVE PART 3	30	CEDAR	IA1667301	CWS	201701692	E. coli	31-Jul-17	Acute MCL, EC+ (RTCR)	MCL	Compliance Achieved	9/18/2017