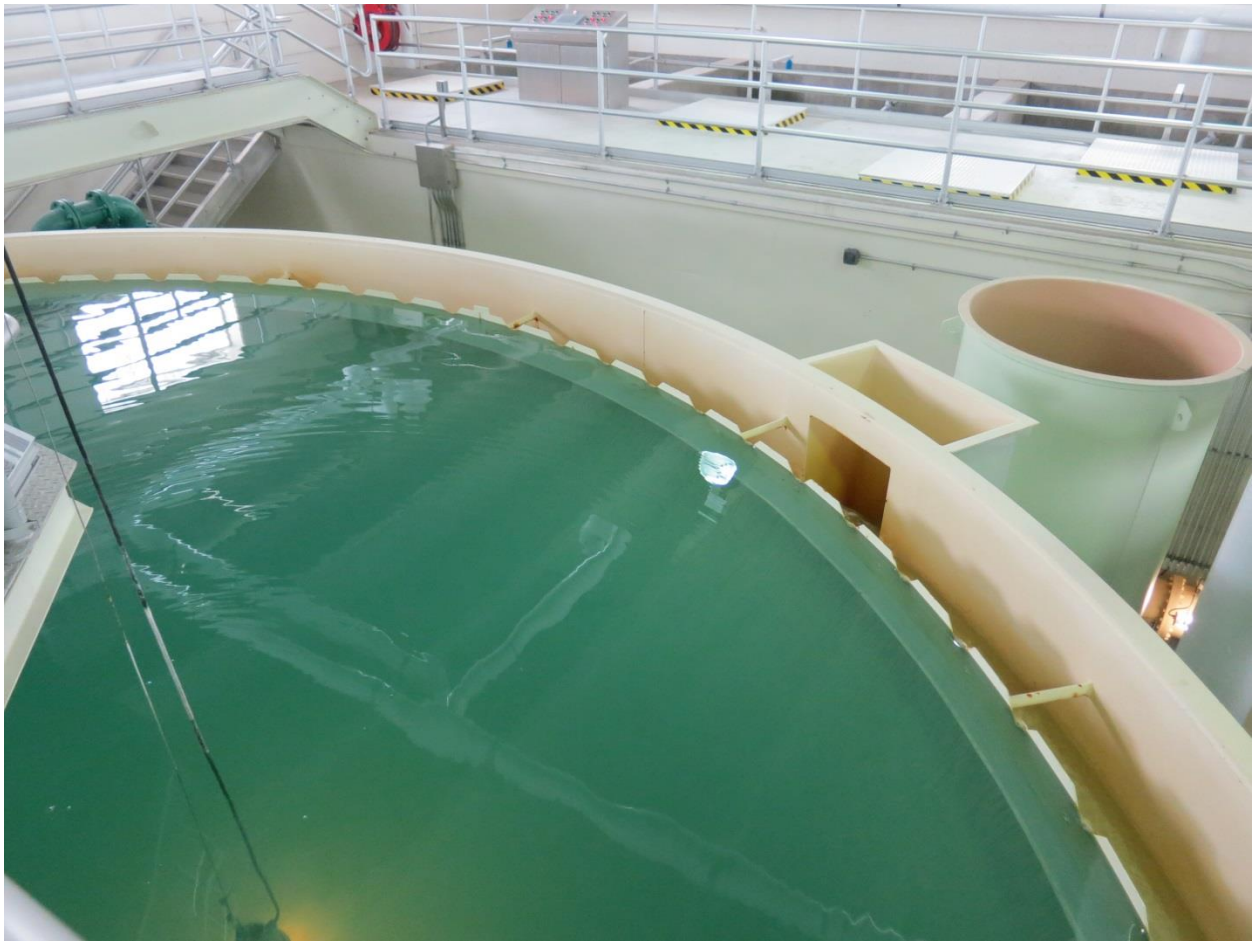


State of Iowa Public Drinking Water Program 2015 Annual Compliance Report



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

June 2016

Iowa Department of Natural Resources
Chuck Gipp, Director



Table of Contents

Title Page: Photo of Clarifier at a DWSRF project	i
Introduction	1
2015 Report Highlights	1
Compliance with Health-Based Standards	1
Map of Iowa's PWS with Health-Based Standards Violations	2
Compliance with Monitoring & Reporting Requirements	2
Map of Iowa's PWS with Major Monitoring & Reporting Violations	3
The National Public Drinking Water Program: An Overview	4
The IDNR Drinking Water Program Components	5
On-site Inspection, Operation Permitting, Construction Permitting, Water Allocation and Use	
Permitting, Operator Certification, and Environmental Laboratory Certification	
DWSRF Program, Capacity Development, AWOP, Source Water Protection, and	6
Technical Assistance Contracts	
Iowa's Public Water Supply Systems	7
Definition of a PWS	7
System Size	7
Number of Iowa Systems	7
Map of Iowa's Active Public Water Supplies	8
System Source Water	8
Population Served by Source Water Type	9
Maximum Contaminant Levels and Maximum Residual Disinfectant Levels	10
Acute Contaminants	10
Coliform Bacteria, including fecal and <i>E. coli</i>	10
Nitrate & Nitrite	11
Chlorine Dioxide	11
Chronic (non-acute) Contaminants	11
Total Coliform Bacteria	11
Inorganic Chemicals	12
Organic Chemicals	12
Radionuclides	13
Disinfectants	13
Action Level and Treatment Technique Requirements	14
Lead & Copper Action Levels	14
Treatment Techniques: Surface Water Treatment Rule, Interim & LT1 Enhanced SWTR	15
Turbidity	15
Residual Disinfectant (minimum)	15
CT Ratio	16
Disinfection Byproduct Precursor Removal	16
Groundwater Rule	16
Mandatory Treatment	17
Violation Data for Health-Based Standards: MCL, MRDL, AL, and TT	18
Major Monitoring & Reporting Violations	21
Major Monitoring & Reporting Violation Data	22
Monitoring & Reporting Compliance Rates (10-year history)	23
Enforcement Actions	24

Variances & Exemptions	25
Public Notification, Lead Public Education, and Consumer Confidence Reporting	25
Operator Certification	27
Classification of Systems, Facilities, and Operators	27
Classification Grades	28
Enforcement, Certification Renewal, and Initiatives	29
Abbreviations	30
Distribution of Report & Staff Contact Information	31
Appendix A: EPA Violations Summary Report	A-1
Appendix B: Iowa Public Water Supply Violation Data	B-1

All photos in this report were taken by DNR water supply program staff during 2015 unless otherwise noted.



Chemical Feed and Backflow Prevention

New well with vent



Introduction

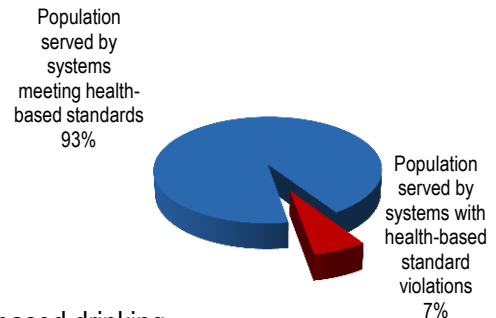
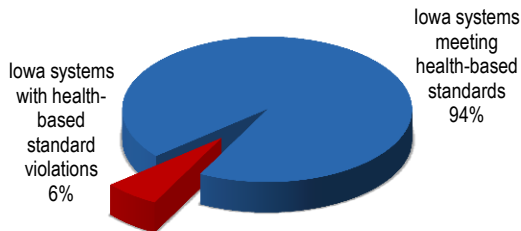
The Iowa Department of Natural Resources (IDNR) administers the Public Drinking Water Program in Iowa under delegation of authority from the United States Environmental Protection Agency (EPA). The 1996 re-authorized Safe Drinking Water Act (SDWA) requires that each state that has been granted primary 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 2015 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 2015 Report Highlights

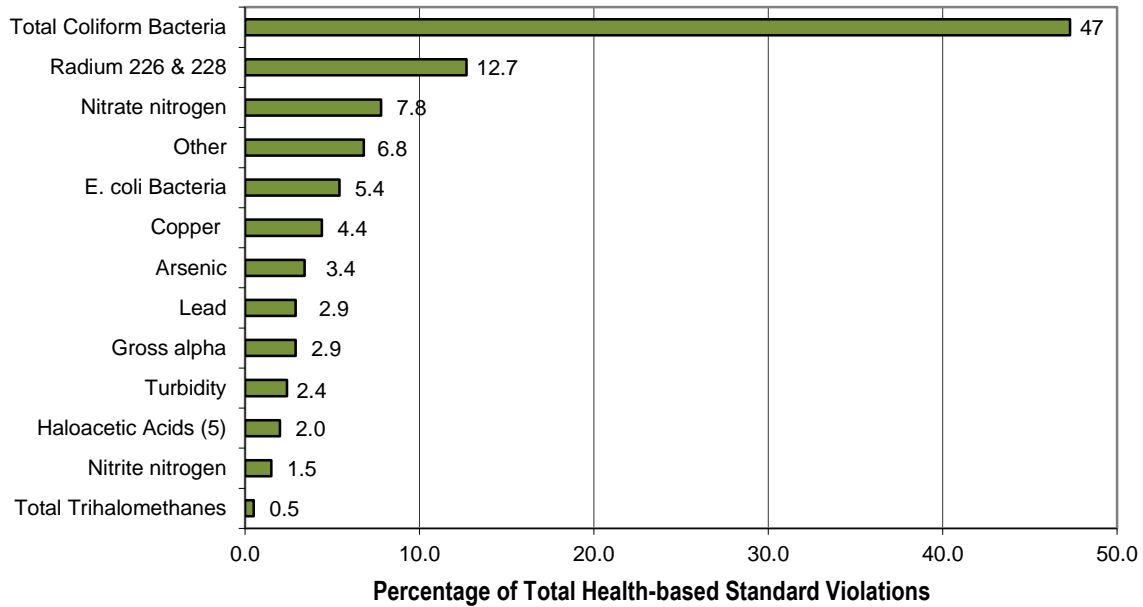
The drinking water program compliance figures in 2015 indicated improved compliance with health-based standards on both a per system basis and a population basis, as compared to last year. The number of systems with monitoring and reporting violations slightly decreased from last year, with the number of violations at a ten-year low. The monitoring and reporting compliance rate by systems on a population basis was the best in the ten-year period.

Compliance with Health-Based Standards

- No waterborne diseases or deaths were reported from Iowa public water supply systems (PWS) in 2015.
- Over 2.72 million people (of the 2.91M people served by Iowa's PWS) regularly received water from systems meeting all health-based drinking water standards.

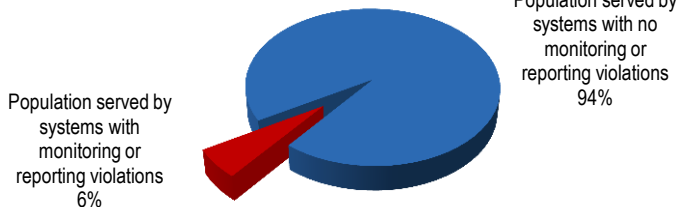
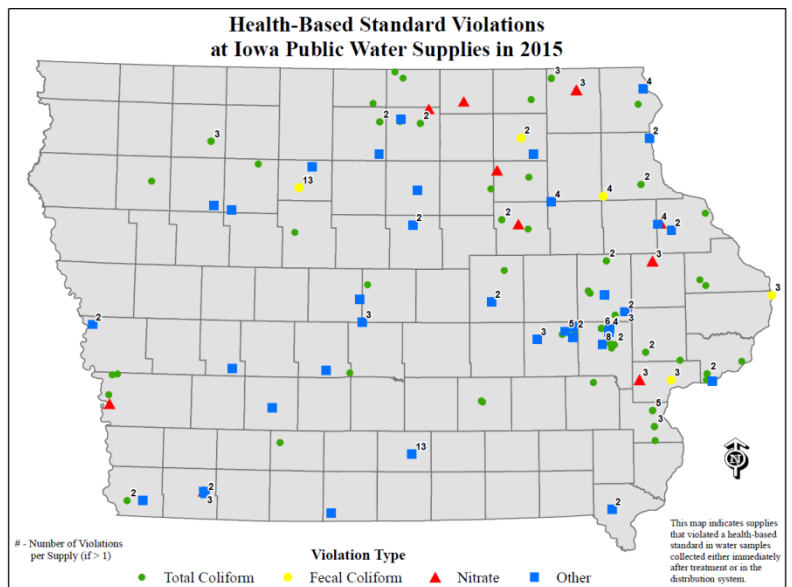


- Health-based drinking water standards were met by 94.5% of the 1,878 regulated public water supplies. There were 103 public water supplies that had 205 violations of a health-based drinking, maximum residual disinfectant level, treatment technique, or action level.
- Twelve of the more than 80 regulated contaminants were found at levels that exceeded the health-based standards during 2015. Eleven contaminants and turbidity treatment technique are shown in the chart on the following page, along with the percentage each contributed to the total number of health-based standard violations. Four other health-based standards were each exceeded at least once during the year: the CT ratio treatment technique, the groundwater rule treatment technique, the minimum residual disinfectant treatment technique, and failure to meet an operator certification schedule.



2015 Health-based Standard Violations Map

The map depicts the health-based standard violations that occurred in 2015 at Iowa’s PWS. Three common violations, non-acute total coliform bacteria, nitrate, and acute fecal coliform or *E. coli* bacteria, are denoted separately. The remaining violations are grouped together as “other.”

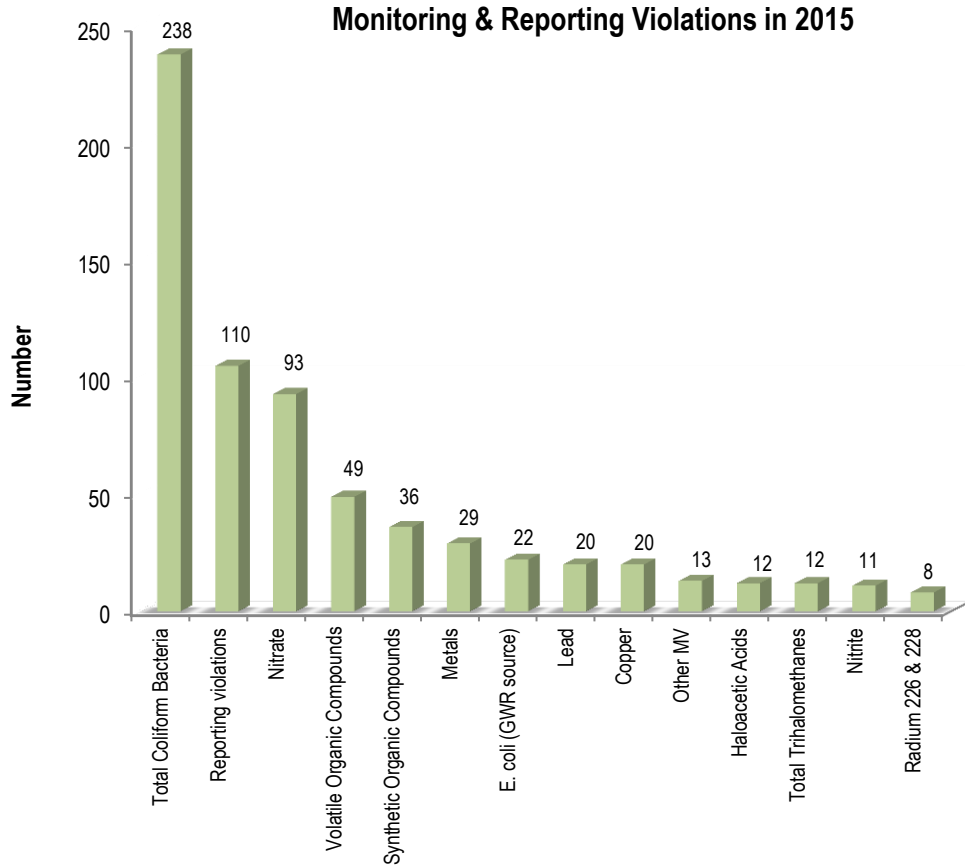


Compliance with Monitoring & Reporting Requirements

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

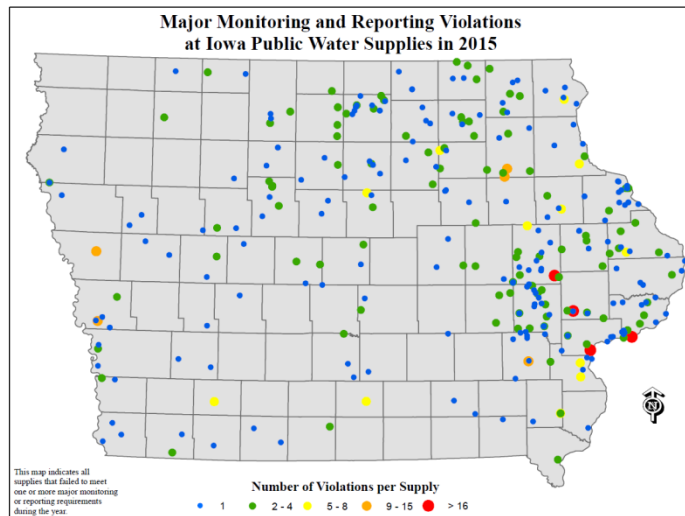
- Over 2.74 million people regularly received water from Iowa systems that complied with all major monitoring and reporting requirements.
- Major monitoring and reporting requirements were met by 83.2% of the 1,878 regulated public water supply systems.

- There were 563 major monitoring violations in 2015 at 266 systems.
- At least one reporting violation was incurred by 79 systems, for a total of 110 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.



2015 Major Monitoring & Reporting Violations Map

This map depicts the systems in Iowa that incurred a major monitoring or reporting violation in 2015. The system that incurred the most monitoring/reporting violations in 2015 had 35 monitoring/reporting violations.



The National Public Drinking Water Program: An Overview

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

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

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

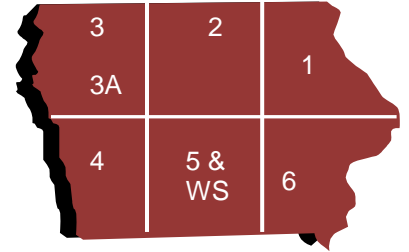
The SDWA allows States and Territories to seek EPA approval to administer the Public Water Supply Supervision Program within their state or territory, which is called primacy. To receive primacy, States must meet certain requirements set forth in the SDWA regulations, including adoption of drinking water 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 (formerly known as CasinOmaha) 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 IDNR 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 six other cities around the state: Manchester (Region 1), Mason City (Region 2), Spencer (Region 3), Storm Lake (Satellite Office 3A), 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,
- makes low-interest loans for implementation of source water protection projects, and
- if there are more requests than funding, scores and ranks applications based on whether the projects addresses health risks, rule compliance, infrastructure needs, and source water protection including criteria for loan eligibility. Since 2000, the average annual binding loan commitment amount has been \$45 million for an annual average of 33 projects. From SFY 2000 – SFY 2015, approximately \$722 million has been provided in loans to Iowa’s public water supply systems for 523 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 993 people at the end of December 2015.
- **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. A one-day Turbidity Data Integrity Training Workshop was held in southwest Iowa, to coach operators in ensuring the quality of their self-monitoring data – from data collection to data recording. The department intends to initiate a new Performance Based Training contract in late 2016.
- **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 for new public water sources continued in 2015, which the systems may then use to develop their system-specific source water protection plans. The primary emphasis of the Source Water Protection program now focuses on the implementation of local source water protection activities and projects. This program was moved from the Water Supply Engineering Section in 2007, and reorganized in 2015, so that it is now housed entirely in the DNR’s Water Quality Bureau.
- **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.

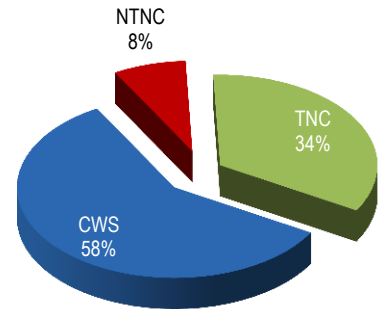
A public water supply system (PWS) is further classified as a community water system, a non-transient non-community system, or a transient non-community system.

- 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 2015, over 2.79 million Iowans were served by community public water supplies, or 91.5% of the total state population (2010 census of 3,046,355), with the remaining 8.5% of the population served by private water supplies. Iowa's 1,878 public water supply systems in 2015 included 1,098 CWS, 141 NTNC, and 639 TNC systems. The map depicting all of Iowa's active public water supply systems in 2015 is shown on the next page.



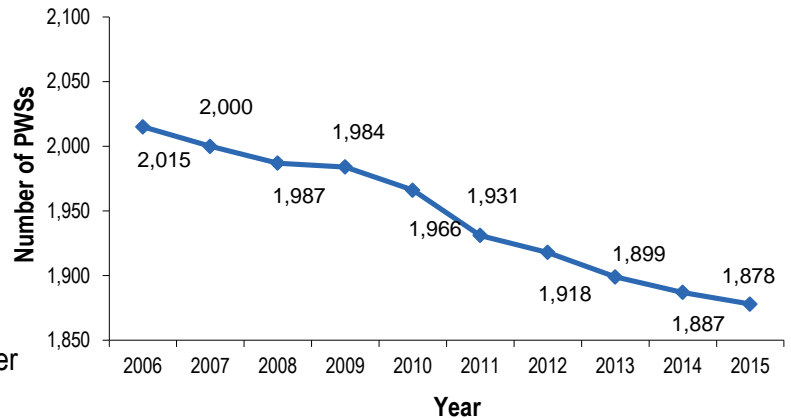
System Size

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

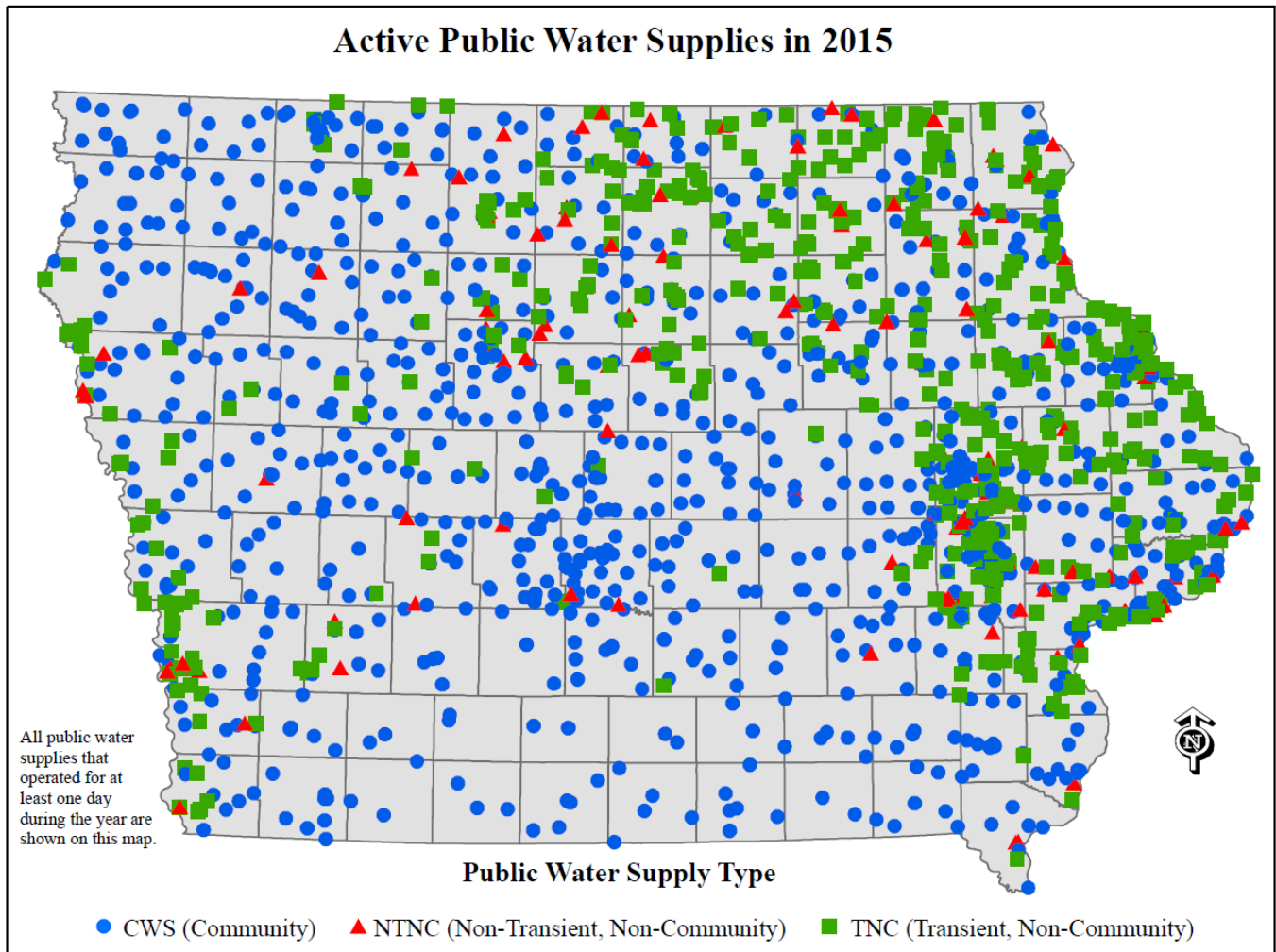
Population Served	EPA Classification	Number of Iowa PWS	Percentage of Total Number of PWS	Total Population Served
25 – 500	Very Small	1,310	69.8	178,757
501 – 3,300	Small	435	23.2	524,430
3,301 – 10,000	Medium	87	4.6	489,130
10,001 – 100,000	Large	43	2.3	1,221,116
Over 100,000	Very Large	3	0.2	498,422
Total		1,878	100.0	2,911,855

In 2015, the number of public water supply systems in Iowa continued a downward trend from 2006. 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 with 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: 2006 - 2015



Active Public Water Supplies in 2015



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.

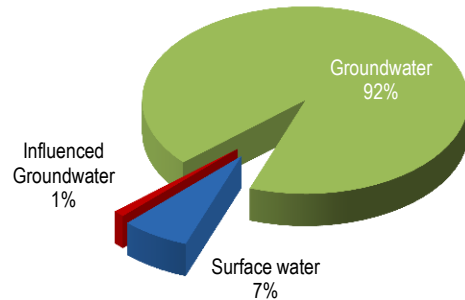
Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are the most vulnerable to contamination, followed by influenced groundwater systems. Systems using surface water or influenced groundwater 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 tables, 92% Iowa's systems are served by groundwater sources, which serve 54% of the population. Surface water and influenced groundwater sources are used in the remaining 8% of systems, and serve 46% of the population.

Source of Water	Number of PWS	Percentage of Total PWS	Percentage of Total Population Served
Surface water	127	6.8	36.7
Influenced Groundwater	21	1.1	9.1
Groundwater	1,730	92.1	54.2

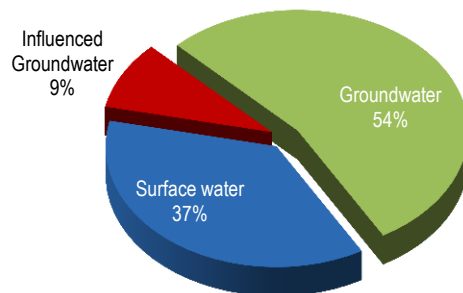
System Source Water in Iowa:

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 54% of the population served by public water supply systems. The more populated areas of the state are generally served by surface water or influenced groundwater sources.



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

All systems classified as public water supplies are required to test periodically for coliform bacteria, nitrate, and nitrite. Inorganic and organic chemical testing are only required in community and non-transient non-community systems. With the exception of chlorine, chloramines, and chlorine dioxide, 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.

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

Coliform Bacteria, including fecal coliform bacteria and *E. coli*—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 fecal coliform bacteria and *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 fecal coliform bacteria or *E. coli*. Any confirmed fecal coliform bacteria or *E. coli* sample is a violation of the MCL for total coliform 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 acute coliform 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 below the MCL.



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 ClO₂, and only applies to those systems using chlorine dioxide in their treatment processes. An acute MRDL occurs when too much of the chlorine dioxide is applied during the treatment process at the treatment plant.

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

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

Contaminants posing a long-term risk to human health (“chronic” or “non-acute”)
Total Coliform Bacteria—567 IAC 41.2(1)

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 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.

Non-Acute MCL: Compliance with the MCL is determined by the presence or absence of total coliform bacteria in a sample. Any confirmed total coliform sample, with no detection of fecal coliform or *E. coli*, is a violation of the MCL for total coliform bacteria. To meet this MCL, all drinking water samples must be free of total coliform bacteria.

Violation: A system incurs a violation when the MCL is exceeded in any one compliance period assigned either as a monthly or quarterly requirement.

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.

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

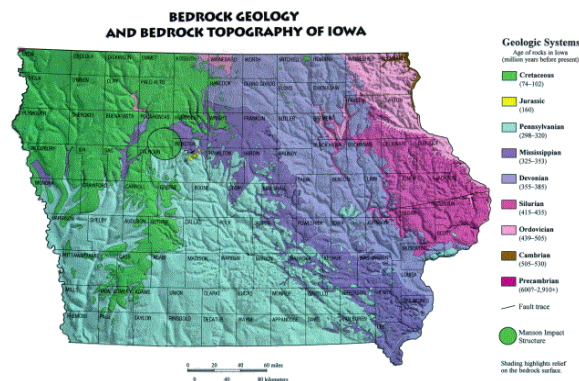
Source of Contamination: Alpha emitters, which include radium and uranium, occur naturally in certain groundwaters in the state due to the geological formations, particularly in the deeper aquifers. Beta emitters are usually the result of manmade sources or activities.

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

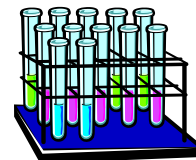
Disinfectants—567 IAC 43.6

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 using surface water or influenced groundwater are required to comply with the treatment techniques.

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

Action Level (AL) Requirements

Lead/Copper Action Levels—567 IAC 41.4

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

Source of Contamination:

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



Health Effects: Lead builds up in the body over many years and can cause damage to red blood cells and kidneys, as well as damage to the brain, causing mental retardation. Copper at high levels can cause stomach and intestinal distress, liver and kidney damage, and anemia.

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 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.

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.

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.

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.

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 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 or residual disinfectant requirement 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.

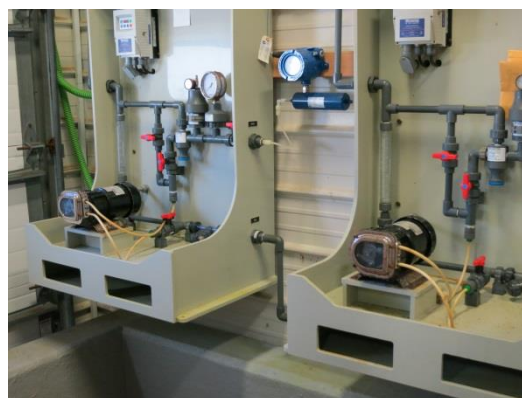
Health Effects: The health effects are those that are caused by the specific contaminant for which the treatment was required.

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.



Electrodialysis Reversal Treatment (EDR)



Chemical Feed System

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

Approximately 2.72 million people received water served by Iowa public water supply systems in 2015 that complied with all health-based standards, including MCL, MRDL, AL, and TT standards. In 2015, 91.5% of the population served by community public water supply systems received water that met all drinking water standards adopted by the department, which was an improvement from the 2014 level of 85.5%.

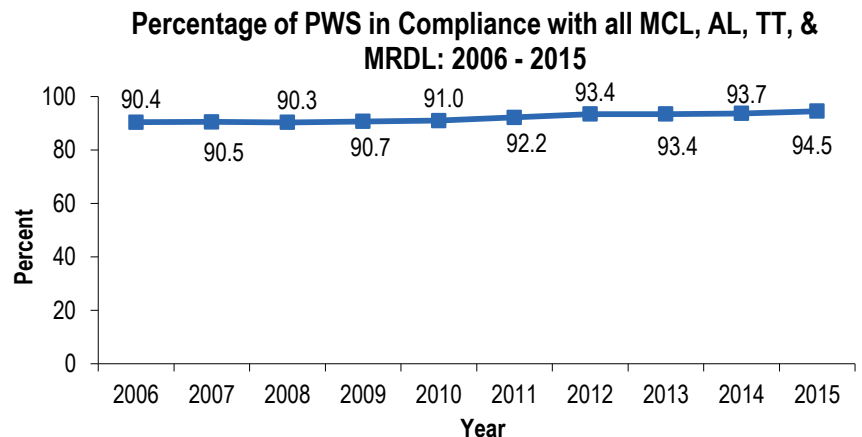
Of the 1,878 regulated PWSs in Iowa, 94.5% were in compliance with all MCL, MRDL, AL, and TT standards. There were 103 PWSs that had at least one violation of an MCL, AL, MRDL, or TT standard. There were 205 violations of twelve contaminants and five treatment techniques in 2015, as indicated in the following table. The most frequent standard that was not met in Iowa is coliform bacteria, which, because all systems must monitor for coliform bacteria at least once each quarter, is also the most frequently sampled contaminant in the state.

Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2015	System Population*
Arsenic	3	7	3.4	224	254
Coliform Bacteria, Fecal or <i>E. coli</i>	6	11	5.4	24,417	417
Coliform Bacteria, Total	54	97	47.3	53,058	54,296
Copper action level	7	9	4.4	4,729	3,899
CT Ratio treatment technique	2	4	2.0	Not applicable	6,645
Fluoride	1	1	0.5	744	1,050
Gross alpha, excluding Rn & U	3	6	2.9	277	1,102
Groundwater Rule treatment technique	4	5	2.4	Not applicable	1,079
Haloacetic Acids (5)	3	4	2.0	1,849	8,730
Lead action level	5	6	2.9	4,730	950
Minimum disinfectant residual TT	1	1	0.5	Not applicable	4,321
Nitrate nitrogen	10	16	7.8	3,623	72,003
Nitrite nitrogen	1	3	1.5	638	319
Operator Certification Schedule	2	3	1.5	Not applicable	4,695
Radium 226 & 228	11	26	12.7	331	49,671
Total Trihalomethanes (TTHM)	1	1	0.5	1,849	2,569
Turbidity treatment technique	1	5	2.4	Not applicable	4,321
Total:	103**	205	100%		193,090**

* 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.

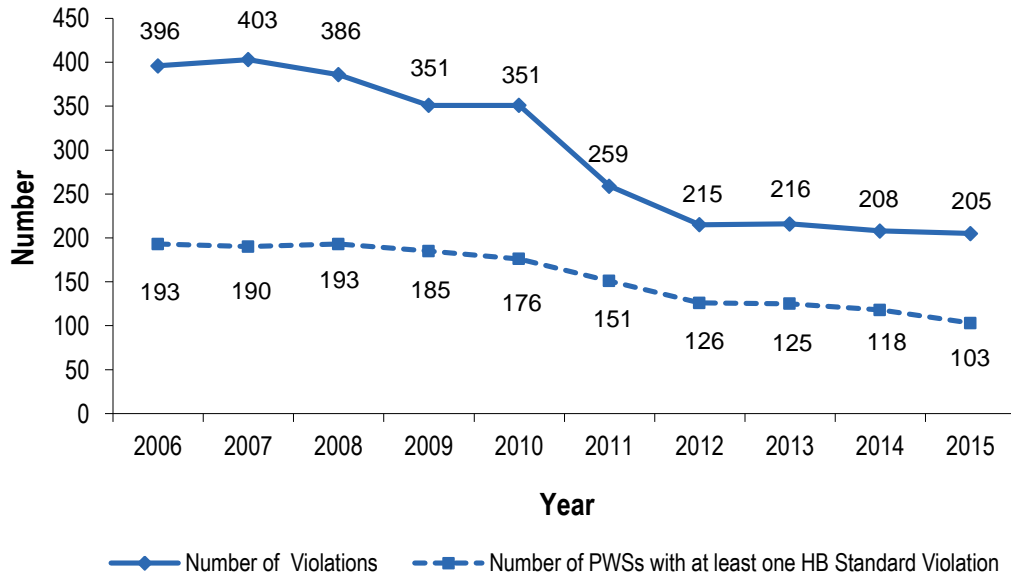
The number of public water supply systems in compliance with all health-based standards improved from last year, and is the ten-year high, as shown in this chart. The average compliance rate over the ten-year period is 92.0%. However, the numbers of regulations and standards that the community and non-transient non-community systems are required to meet have increased during that same time period.



Violation Data: MCL, MRDL, AL, and TT

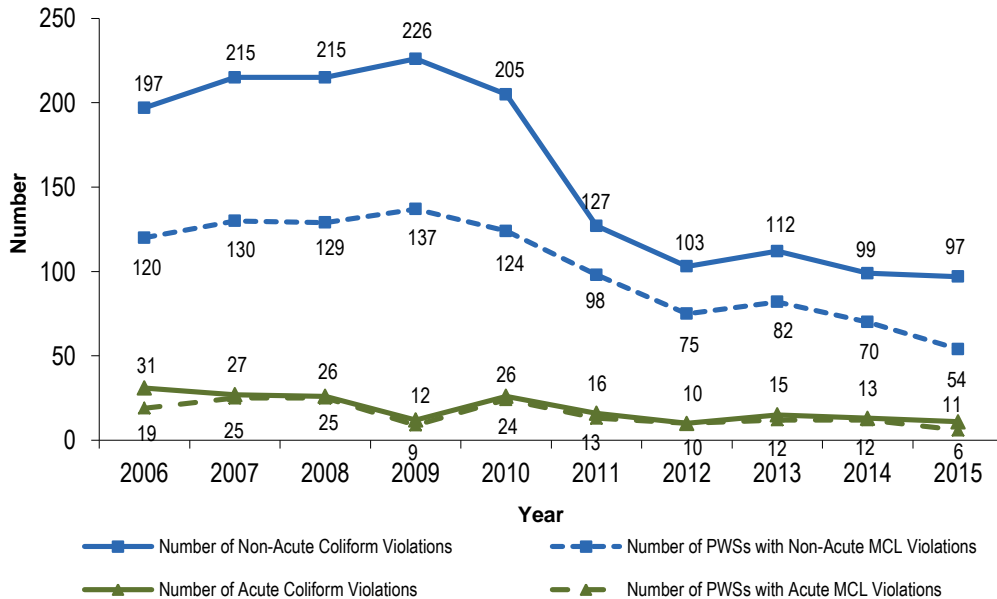
In 2015, both the number of systems with violations of health-based standards and the number of violations continued the trend from 2012, with the lowest levels in the ten-year period. The majority of the violations occurred in coliform bacteria, nitrite, nitrate, lead, and combined radium standards, accounting for 78% of all health-based standards violations.

Health-Based Standards Violations: 2006 - 2015



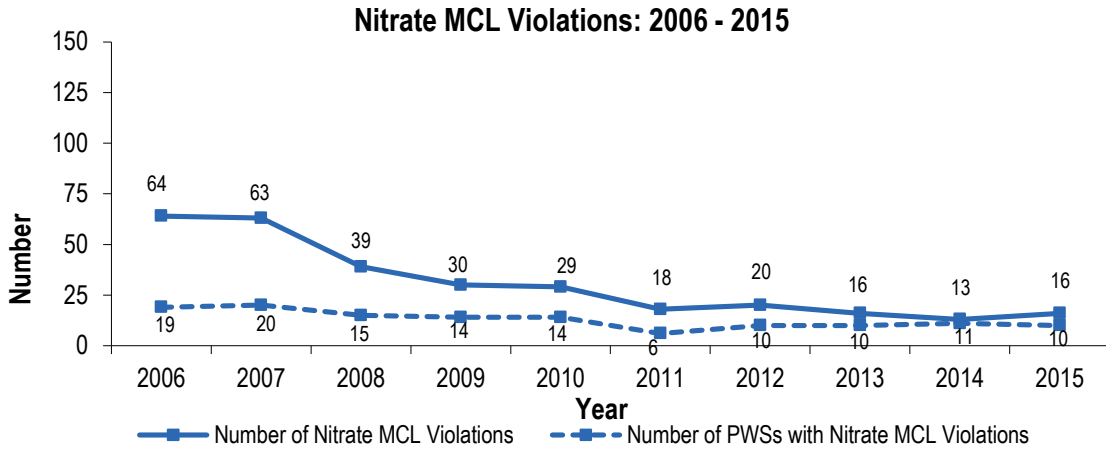
The 2015 coliform bacteria MCL violation data is similar to the past four years, with a decrease in all four of the categories in 2014.

Coliform Bacteria MCL Violations: 2006 - 2015



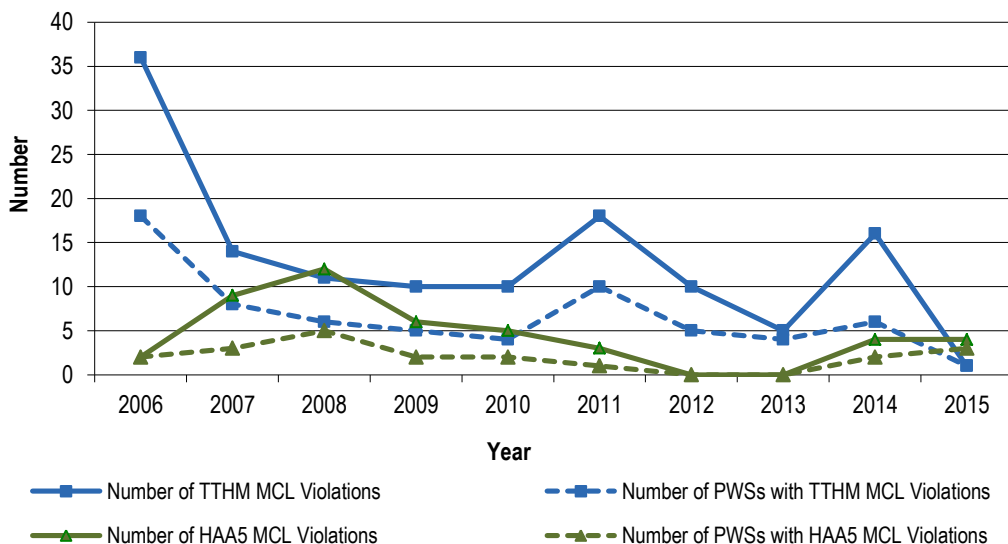
Violation Data: MCL, MRDL, AL, and TT

In 2015, the number of nitrate MCL violations and number of systems with violations were very similar to the previous five years.



Under the federal Stage 1 Disinfectants/Disinfection Byproducts Rule, 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. There were increased numbers of violations under the new compliance calculation method; however an overall decrease was seen in 2015 over 2014.

Disinfection Byproduct MCL Violations: 2006 - 2015



Major Monitoring & Reporting Violations

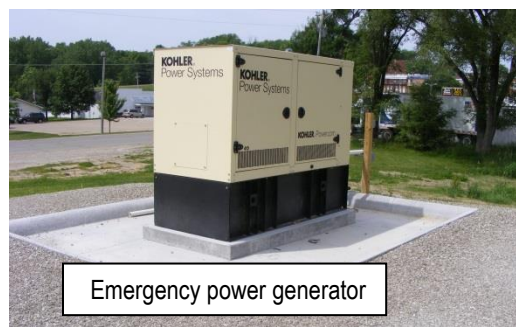
Monitoring and Reporting (M/R) violations for this report were based on the guidelines briefly described in the next table. EPA deems these violations to be classified as major violations. Minor monitoring violations are those in which at least some of the required monitoring was completed. They are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



Major Monitoring and Reporting (M/R) Violation Data

Over 2.74 million people received water served by Iowa's systems that met the major monitoring and reporting requirements. Of the 1,878 regulated PWSs in Iowa, 83.2% (1,563 PWSs) were in compliance with all major monitoring and reporting requirements. There were 315 PWSs serving a total population of 170,790 that incurred 673 major monitoring and reporting violations in 2015. The IDNR 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 2015. The majority of violations were for failure to collect coliform bacteria and nitrate samples, which are the two contaminants that are required to be sampled by all systems each year.

Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
Monitoring			
Ammonia Nitrogen	1	1	319
Antimony	3	3	592
Arsenic	4	4	752
Barium	3	3	592
Cadmium	3	3	592
Chromium	3	3	592
Coliform Bacteria, Total (TCR Distribution System)	170	238	34,162
Copper	18	20	5,880
<i>E. coli</i> (GWR Source Water)	18	22	863
Fluoride	5	5	799
Gross alpha	3	3	2,860
Haloacetic Acids (5)	11	12	10,138
Lead	18	20	5,880
Mercury	3	3	592
Nitrate	76	93	30,276
Nitrite	7	11	4,057
Radium 226 & 228	5	5	799
Selenium	3	3	592
Sodium	4	4	988
Synthetic Organic Compounds (SOC)	3	36	642
Thallium	3	3	592
Total Organic Carbon (TOC)	1	1	1,635
Total Trihalomethanes	11	12	10,138
Turbidity	1	1	1,635
Uranium	2	2	2,110
Volatile Organic Compounds (VOC)	4	49	565
Monitoring Total:	266*	563	119,627*
Reporting			
Failure to submit monthly operation report or MRDL	34	53	11,474
Failure to provide consumer confidence report	27	27	40,224
Failure to obtain a construction permit	2	2	164
Failure to obtain a certified operator	5	5	2,164
Failure to meet a compliance schedule	12	12	3,751
Failure to maintain records	2	7	5,956
Failure to consult with DNR (GWR)	3	3	147
Failure to submit annual operation fee	1	1	52
Reporting Total:	79*	110	60,036*
Monitoring & Reporting Total:	315**	673	170,790**

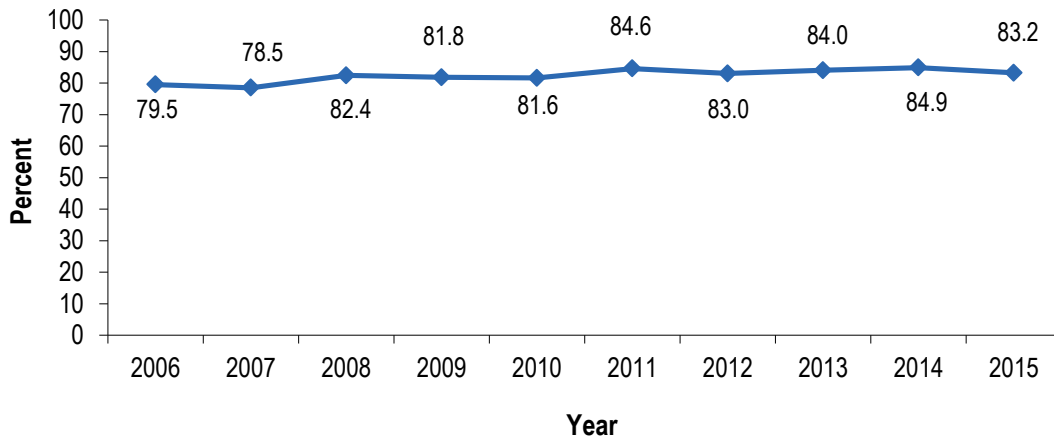
* The population of each PWS is only counted once for each contaminant.

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

Monitoring & Reporting Compliance Rates: 2006 - 2015

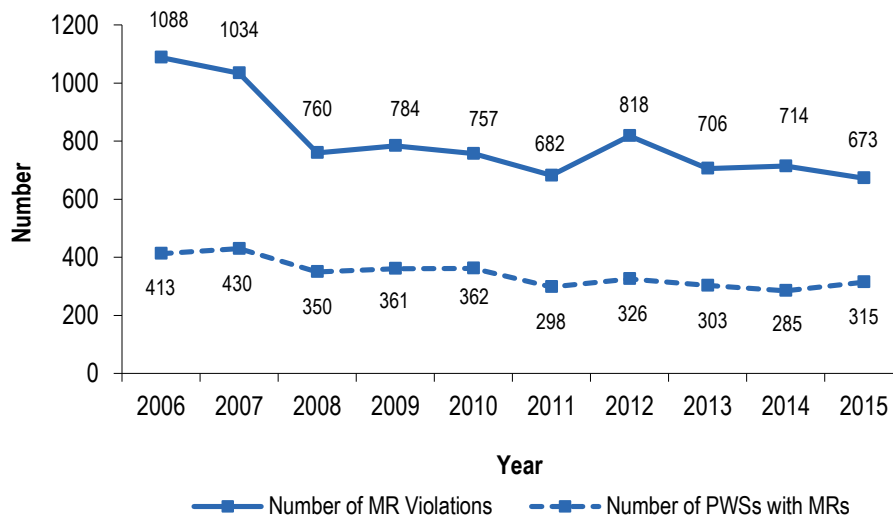
The number of public water supplies in compliance with all major monitoring and reporting requirements averages 82.4% over the past ten years. The percentage of PWS in compliance with all major monitoring and reporting requirements was 83.2% in 2015.

Percentage of PWS in Compliance with all Major Monitoring & Reporting Requirements: 2006 - 2015



In 2015, the number of systems with monitoring and reporting violations increased from 2014, while the total number of violations decreased from 2014.

Monitoring & Reporting Violations: 2006 - 2015



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.

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.

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

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



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

Consumer Confidence Reports

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

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



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

In 2015, 27 CWS failed to prepare and distribute their CCR for calendar year 2014. Each CWS received a reporting violation for this failure. The CCR compliance rate for Iowa's CWS in 2015 was 97.5%.

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 IDNR. 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 IDNR.

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.

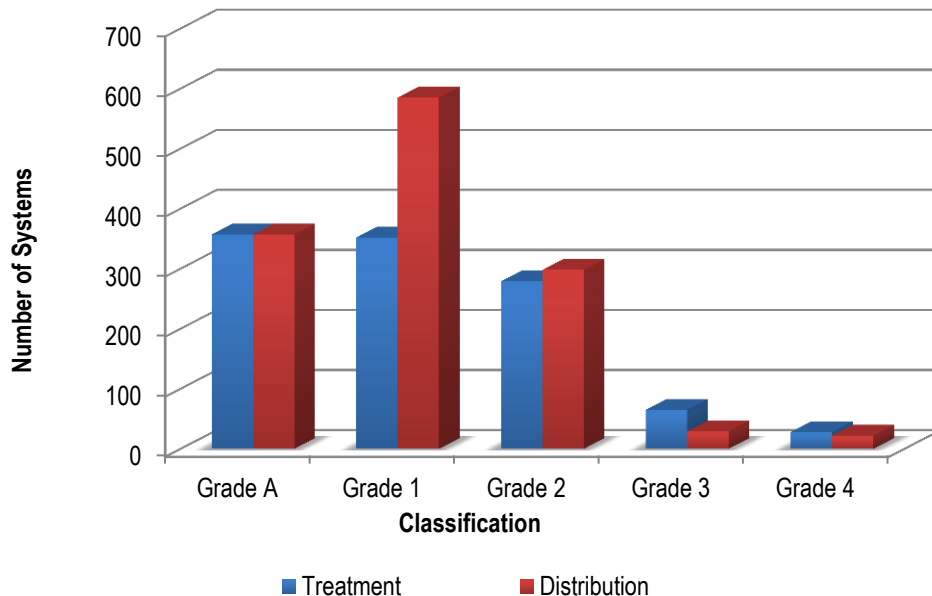
The Iowa Operator Certification Program reporting time frame for this report is July 1, 2015 through June 30, 2016.

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 28, 2016. There are 210 systems that have a distribution system but no treatment plant.

Classification	Treatment Facility	Distribution Facility
Grade A	357	357
Grade 1	352	585
Grade 2	279	298
Grade 3	65	29
Grade 4	28	22
Total	1,081	1,291

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:

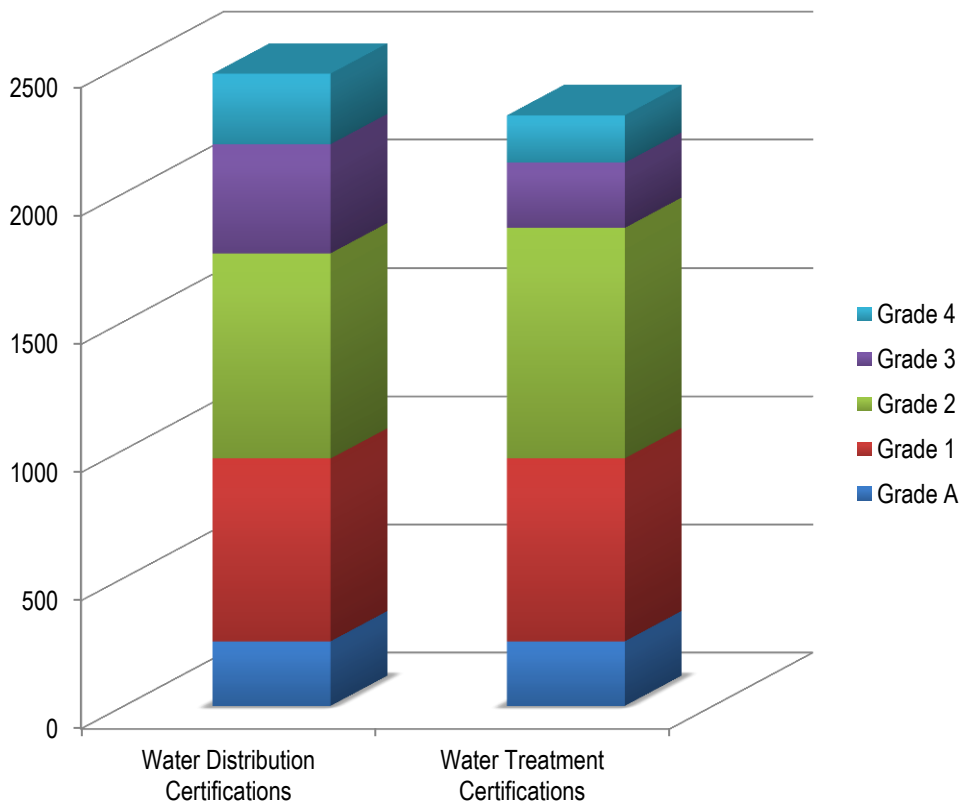
1. Meet the initial education and experience requirements and pay the examination fee
2. Successfully pass the examination for the specific type of certification
3. Maintain the certification by successfully attaining the required continuing education hours or credits during each two-year certification 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 252 small system Grade A certifications, which includes both water treatment and water distribution. There were 2,213 active Grades 1 – 4 water distribution certifications and 2,051 active Grades 1-4 water treatment certifications, both of which decreased from the previous year's levels.

Certification Grade	Number of certified Water Distribution Operators	Number of certified Water Treatment Operators
Grade A	252 (combined WT and WD)	
Grade 1	713	714
Grade 2	800	898
Grade 3	425	254
Grade 4	275	185

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 5 public water supply systems that failed to have a certified operator in charge of their water supply, 2 systems that failed to meet an operator certification compliance schedule, and one operator whose treatment and distribution certifications were permanently revoked via a consent order.

Certification Renewal

Operator certifications are renewed every two years, with the next renewal period ending on June 30, 2017. Continuing education requirements must have been met by March 31, 2017, 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.



Aeration followed by Detention Tank

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
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
IDNR	Iowa Department of Natural Resources
IOC	inorganic chemical
LSL	lead service line
MCL	maximum contaminant level
mg/L	milligrams per liter
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 IDNR sends the detailed report to the EPA Headquarters in Washington, DC, and the EPA Region 7 Headquarters in Lenexa, KS.

The IDNR also:

- includes the report on the IDNR Internet website where it available for download: www.iowadnr.gov/WS-Annual-Compliance-Report,
- publishes a notice of report availability,
- provides a notice of the report to the Governor's Office,
- archives the report in the State Library, and
- makes the report available for individuals and organizations upon request.

Staff Contact Information:

Name	Telephone	Primary Responsibilities	Title
Diane Moles	515/725-0281	Rules and Policy Development	Executive Officer II
Hal Frank	515/725-0342	SDWIS Data Management	Environmental Specialist
Laurie Sharp	515/725-0284	Operator Certification Program	Program Planner 2
Mark Moeller, PE	515/725-0275	Water Supply Engineering Section Supervisor	Env. Program Supervisor
Corey McCoid	515/725-0401	Water Supply Operations Section Supervisor	Env. Program Supervisor

Fax number: 515/725-0348

E-mail addresses: *first name.last name@dnr.iowa.gov*

Mailing address:

Iowa Department of Natural Resources - Water Supply
502 E. 9th Street
Des Moines, IA 50319-0034



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, 2015 through December 31, 2015					
Organic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
1,1,1-Trichloroethane	0.2	0	0	0	0	2	2
1,1,2-Trichloroethane	0.005	0	0	0	0	2	2
1,1-Dichloroethylene	0.007	0	0	0	0	2	2
1,2,4-Trichlorobenzene	0.07	0	0	0	0	2	2
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	0	0	0
1,2-Dichloroethane	0.005	0	0	0	0	2	2
1,2-Dichloropropane	0.005	0	0	0	0	2	2
2,3,7,8-TCDD (Dioxin)	0.00000008	0	0	0	0	0	0
2,4,5-TP (Silvex)	0.05	0	0	0	0	3	3
2,4-D	0.07	0	0	0	0	3	3
Acrylamide		0	0	0	0	0	0
Alachlor (Lasso)	0.002	0	0	0	0	3	3
Atrazine	0.003	0	0	0	0	3	3
Benzene	0.005	0	0	0	0	2	2
Benzo[a]pyrene	0.0002	0	0	0	0	3	3
Carbofuran	0.04	0	0	0	0	0	0
Carbon tetrachloride	0.005	0	0	0	0	2	2
Chlordane	0.002	0	0	0	0	0	0

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
cis-1,2-Dichloroethylene	0.07	0	0	0	0	2	2
Dalapon	0.2	0	0	0	0	3	3
Di(2-ethylhexyl)adipate	0.4	0	0	0	0	3	3
Di(2-ethylhexyl)phthalate	0.006	0	0	0	0	3	3
Dichloromethane	0.005	0	0	0	0	2	4
Dinoseb	0.007	0	0	0	0	3	3
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	5	3
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	2	2
o-Dichlorobenzene	0.6	0	0	0	0	2	2
Oxamyl (Vydate)	0.2	0	0	0	0	0	0
para-Dichlorobenzene	0.075	0	0	0	0	2	2
Pentachlorophenol	0.001	0	0	0	0	3	3
Picloram	0.5	0	0	0	0	3	3
Simazine	0.004	0	0	0	0	2	2
Styrene	0.1	0	0	0	0	2	2
Tetrachloroethylene	0.005	0	0	0	0	2	2
Toluene	1	0	0	0	0	3	3
Total polychlorinated biphenyls	0.0005	0	0	0	0	0	0
Toxaphene	0.003	0	0	0	0	0	0
trans-1,2-Dichloroethylene	0.1	0	0	0	0	2	2
Trichloroethylene	0.005	0	0	0	0	2	2
Vinyl chloride	0.002	0	0	0	0	2	2
Xylenes (total)	10	0	0	0	0	5	3
Haloacetic acids	0.060	4	3	0	0	12	11
Total trihalomethanes	0.080	1	1	0	0	12	11

Inorganic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Antimony	0.006	0	0	0	0	3	3
Arsenic	0.010	7	3	0	0	4	4
Asbestos	7 million fibers/L (>10 µm in length)	0	0	0	0	0	0
Barium	2	0	0	0	0	3	3
Beryllium	0.004	0	0	0	0	0	0
Cadmium	0.005	0	0	0	0	3	3
Chromium	0.1	0	0	0	0	3	3
Cyanide (as free cyanide)	0.2	0	0	0	0	0	0
Fluoride	4.0	1	1	0	0	5	5
Mercury	0.002	0	0	0	0	3	3
Nitrate	10 (as Nitrogen)	16	10	0	0	93	76
Nitrite	1.0 (as Nitrogen)	3	1	0	0	11	7
Selenium	0.05	0	0	0	0	3	3
Sodium	not applicable	0	0	0	0	4	4
Thallium	0.002	0	0	0	0	3	3
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	6	3	0	0	3	3
Radium-226 and radium-228	5 pCi/L	26	11	0	0	5	5
Gross beta	4 mrem/year	0	0	0	0	0	0
Uranium	30 µg/L	0	0	0	0	2	2
Subtotal		64	30*	0	0	256	105*

*: Each system is only counted once in the subtotal category (i.e., 30 systems had 64 MCL violations and 105 systems had 256 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	Presence	11	6	0	0	0	0
Non-acute Total Coliform Bacteria MCL violation	Presence	97	54	0	0	0	0
Major routine and follow up Total Coliform Bacteria mon. violation		0	0	0	0	238	170
Major source water monitoring for Fecal Indicator (Groundwater Rule)		0	0	0	0	22	18
Sanitary survey		0	0	0	0	3 FTC**	3
Subtotal		108	59*	0	0	263	175*

*Each system is counted only once in the subtotal category, i.e., 59 systems had 108 acute and non-acute coliform bacteria MCL violations. ** FTC is failure to consult within 30 days.

Surface Water Treatment Rule, Interim Enhanced SWTR, & LT1 *	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	1	1
Treatment techniques		0	0	10	2	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	10	2	1	1

* 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: 6 Copper: 9	Lead: 5 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: 20 Pb: 20	Cu: 18 Pb: 18
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	0	0
Subtotal		15	11*	0	0	40	18

*: Each system is only counted once in the subtotal category (i.e., 11 systems had 15 ALE and 18 systems had 40 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	53 reporting	34 reporting
Chlorine dioxide	0.8 mg/L	0	0	0	0	0	0
Chlorite	1.0 mg/L	0	0	0	0	0	0
Bromate	0.010 mg/L	0	0	0	0	0	0
Total organic carbon (TOC)		0	0	0	0	1	1
Subtotal		0	0	0	0	53	34*

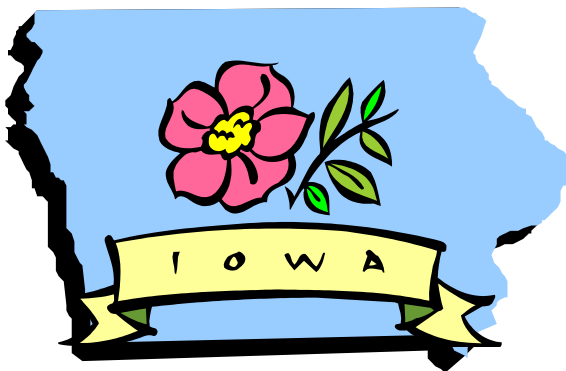
*: Each system is only counted once in the subtotal category (i.e., 51 systems had 72 DBP rule monitoring/reporting violations).

APPENDIX B: Iowa Public Water Supply Violation Data

All public water supply systems that incurred one or more violations during 2015 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 IDNR 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 IDNR 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 2015

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
ABSOLUTE ENERGY LLC	60	MITCHELL	IA6649801	NTNC	201600140	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/26/2015
ACKLEY CREEK PARK	30	FLOYD	IA3420499	TNC	201501362	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/8/2015
ACKLEY CREEK PARK	30	FLOYD	IA3420499	TNC	201502017	E. coli	12-Jul-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/8/2015
ACKLEY CREEK PARK	30	FLOYD	IA3420499	TNC	201501857	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	9/8/2015
ACKLEY CREEK PARK	30	FLOYD	IA3420499	TNC	201501869	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/8/2015
AG PROCESSING INC - ALGONA	35	KOSSUTH	IA5502101	NTNC	201600771	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/7/2016
AGAPE CHRISTIAN FAMILY CHURCH	208	CERRO GORDO	IA1716802	TNC	201501683	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2015
ALBRECHT ACRES	27	DUBUQUE	IA3183401	TNC	201600752	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/20/2016
AMERICAN LEGION - SWISHER POST #671	100	JOHNSON	IA5285205	TNC	201600430	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/2/2015
ARMSTRONG WATER SUPPLY	943	EMMET	IA3203066	CWS	201501613	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/27/2015
AUBURN WATER SUPPLY	322	SAC	IA8104076	CWS	201502318	Chlorine	30-Sep-15	Operations Report	RPT	Compliance Achieved	6/10/2016
BARN HAPPY	39	BLACK HAWK	IA0709209	TNC	201600139	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/26/2015
BARNES CITY WATER SUPPLY	176	POWESHIEK	IA7905088	CWS	201502109	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2015
BEDFORD WATER WORKS	1485	TAYLOR	IA8709096	CWS	201502120	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2015
BEEDES LAKE STATE PARK SOUTH	102	FRANKLIN	IA3544931	TNC	201501618	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2015
BELL HARBOR	307	CERRO GORDO	IA1716418	TNC	201600277	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/7/2015
BELL HARBOR	307	CERRO GORDO	IA1716418	TNC	201600566	Coliform (TCR)	30-Nov-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/7/2015
BIG CANOE LUTHERAN CHURCH	103	WINNESHIEK	IA9630872	TNC	201500914	Nitrate (as N)	28-Feb-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	9/1/2015
BIG CANOE LUTHERAN CHURCH	103	WINNESHIEK	IA9630872	TNC	201501132	Nitrate (as N)	30-Apr-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	9/1/2015
BIG CANOE LUTHERAN CHURCH	103	WINNESHIEK	IA9630872	TNC	201501305	Nitrate (as N)	31-May-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	9/1/2015
BIRMINGHAM WATER SUPPLY	648	VAN BUREN	IA8909011	CWS	201600108	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/29/2015
BLAIRS FERRY MANOR	75	LINN	IA5784316	CWS	201501761	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/31/2015
BLAIRSBURG WATER SUPPLY	215	HAMILTON	IA4003012	CWS	201502291	Failure to meet Certified Operator Requirement	01-Jul-15	Certified Operator Requirement	STA	Compliance Achieved	12/2/2015

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
BLUE GRASS WATER SUPPLY	1452	SCOTT	IA8215021	CWS	201501387	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/24/2015
BLUFF LAKE CATFISH FARM	125	JACKSON	IA4950794	TNC	201501626	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/4/2015
BLUFF LAKE CATFISH FARM	125	JACKSON	IA4950794	TNC	201600085	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/6/2015
BODENSTEINER IMPL (LS)	42	HOWARD	IA4535201	TNC	201600240	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/16/2015
BREEZY POINTE SUBDIVISION	110	CLAYTON	IA2258603	CWS	201501394	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/16/2015
BRIGHTON MUNICIPAL WATER SUPPLY	652	WASHINGTON	IA9209043	CWS	201501989	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/11/2015
BRISTOW MUNI WATER SUPPLY	160	BUTLER	IA1222044	CWS	201500999	Failure to meet a Compliance Schedule	16-Feb-15	Compliance Schedule	V/E	Compliance Achieved	4/27/2015
BROOKHILL ESTATES	41	CLINTON	IA2330301	CWS	201502001	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/4/2015
BROWNS SALES AND LEASING	53	CLAYTON	IA2242206	NTNC	201600441	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/14/2015
BROWNS SALES AND LEASING	53	CLAYTON	IA2242206	NTNC	201600442	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/14/2015
BRUNSVILLE MUNICIPAL WATER SUPPLY	151	PLYMOUTH	IA7514049	CWS	201501001	Failure to meet Certified Operator Requirement	17-Mar-15	Certified Operator Requirement	STA	Compliance Achieved	4/11/2015
BUBBAS BAR & GRILL	25	HOWARD	IA4515782	TNC	201600616	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	1/19/2016
BULGERS HOLLOW RECREATION AREA	77	CLINTON	IA4929901	TNC	201600715	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/17/2016
BURTS TAVERN	32	MUSCATINE	IA7052203	TNC	201502095	Nitrate (as N)	30-Sep-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/5/2016
BURTS TAVERN	32	MUSCATINE	IA7052203	TNC	201600435	Nitrate (as N)	31-Oct-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
BURTS TAVERN	32	MUSCATINE	IA7052203	TNC	201600526	Nitrate (as N)	30-Nov-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/30/2015
BURTS TAVERN	32	MUSCATINE	IA7052203	TNC	201600621	Nitrate (as N)	31-Dec-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/28/2016
CALLENDER WATER SUPPLY	376	WEBSTER	IA9417063	CWS	201501999	Sodium	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
CAMP ABE LINCOLN	210	SCOTT	IA8215448	TNC	201501388	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/30/2015
CAMP ABE LINCOLN	210	SCOTT	IA8215448	TNC	201600105	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/19/2015
CAMP AT THE WOODS	67	CERRO GORDO	IA1769419	TNC	201600032	Chlorine	31-Jul-15	Operations Report	RPT	Compliance Achieved	12/2/2015
CAMP AT THE WOODS	67	CERRO GORDO	IA1769419	TNC	201600066	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/3/2016
CAMP AT THE WOODS	67	CERRO GORDO	IA1769419	TNC	201601083	Chlorine	30-Sep-15	Operations Report	RPT	NOV Issued	1/28/2016
CAMP EWALU - CEDAR LODGE	100	CLAYTON	IA2279960	TNC	201501735	Fecal Coliform	30-Sep-15	MCL (TCR), Acute	MCL	Compliance Achieved	8/26/2015
CAMP EWALU - CEDAR LODGE	100	CLAYTON	IA2279960	TNC	201501736	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/26/2015
CAMP EWALU - CEDAR LODGE	100	CLAYTON	IA2279960	TNC	201600544	Fecal Coliform	31-Dec-15	MCL (TCR), Acute	MCL	Compliance Achieved	1/25/2016

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CAMP EWALU - CEDAR LODGE	100	CLAYTON	IA2279960	TNC	201600545	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	1/25/2016
CAMP LIBERTY	150	SCOTT	IA8264446	TNC	201600106	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/10/2015
CAMP SHALOM	120	JACKSON	IA4950401	TNC	201501088	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/23/2015
CAMP SHALOM	120	JACKSON	IA4950401	TNC	201501089	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/23/2015
CAMP SHALOM	120	JACKSON	IA4950401	TNC	201502237	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/22/2015
CAMP SHALOM	120	JACKSON	IA4950401	TNC	201502238	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/22/2015
CAMP SHALOM	120	JACKSON	IA4950401	TNC	201600578	Coliform (TCR)	30-Nov-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/22/2015
CAMP SHALOM	120	JACKSON	IA4950401	TNC	201600579	Coliform (TCR)	30-Nov-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/22/2015
CAMP SHALOM	120	JACKSON	IA4950401	TNC	201600622	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	3/8/2016
CANYON CREEK GOLF COURSE	45	CLINTON	IA2326201	TNC	201600070	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/7/2016
CANYON CREEK GOLF COURSE	45	CLINTON	IA2326201	TNC	201600695	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/7/2016
CARLISLE WATER SUPPLY	3876	WARREN	IA9113071	CWS	201501657	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/14/2016
CARLISLE WATER SUPPLY	3876	WARREN	IA9113071	CWS	201502232	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/10/2015
CARRIAGE MEADOWS HOMEOWNERS ASSOCIATION	80	SCOTT	IA8209309	CWS	201600198	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/19/2015
CASEY'S #3449	715	LOUISA	IA5857201	TNC	201500968	Coliform (TCR)	31-Mar-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/1/2015
CASEYS STORE (NICHOLS) #2472	603	MUSCATINE	IA7052205	TNC	201600130	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/2/2015
CASEYS STORE (NICHOLS) #2472	603	MUSCATINE	IA7052205	TNC	201600761	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/25/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201501070	Nitrate (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/20/2015
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201501071	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/20/2015
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600876	Alachlor (Lasso)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600877	Atrazine	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600878	Benzo (a) Pyrene	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600879	2,4-D	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600880	Dalapon	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600881	Di(2-Ethylhexyl) Adipate	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600882	Di(2-Ethylhexyl) Phthalate	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600883	Dinoseb	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600884	Pentachlorophenol	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600885	Picloram	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600886	Simazine	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CASTANA MUNICIPAL WATER SUPPLY	147	MONONA	IA6715083	CWS	201600887	2,4,5-TP (Silvex)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/21/2016
CEDAR HILLS APARTMENTS	52	DUBUQUE	IA3100823	CWS	201502139	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/1/2015
CEDAR RIDGE GOLF COURSE	55	FLOYD	IA3405895	TNC	201600707	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/11/2016
CEDAR RIVER HARLEY DAVIDSON	33	FLOYD	IA3405202	TNC	201500992	Coliform (TCR)	28-Feb-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/10/2015
CEDAR SPRINGS WESLEYAN CAMP	39	FLOYD	IA3414494	TNC	201601082	Chlorine	31-Dec-15	Operations Report	RPT	Compliance Achieved	2/8/2016
CEDAR VALLEY HUMANE SOCIETY	33	LINN	IA5715213	TNC	201501093	Nitrate (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/2/2015
CENTER JUNCTION (EIRUSS)	111	JONES	IA5315005	CWS	201502146	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/23/2015
CENTRAL IOWA POWER COOPERATIVE	56	LINN	IA5715103	NTNC	201600724	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/12/2016
CENTRAL STATE BANK	36	BENTON	IA0690303	TNC	201501686	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/28/2015
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201500766	Failure to Maintain Records (SWTR)	31-Jan-15	Record Keeping	RPT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201501005	Failure to meet Minimum Disinfectant Residual	27-Mar-15	Residual Disinfectant Concentration (SWTR)	TT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201501492	Failure to Maintain Records (SWTR)	31-May-15	Record Keeping	RPT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502042	Failure to Maintain CT Ratio (SWTR)	31-May-15	Residual Disinfectant Concentration (SWTR)	TT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201501493	Failure to Maintain Records (LT1 ESWTR)	30-Jun-15	Record Keeping	RPT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201501494	Failure to meet Compliance Schedule for Operator Certification	30-Jun-15	Qualified Operator Failure	TT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201501495	Failure to Maintain Records (SWTR)	30-Jun-15	Record Keeping	RPT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502041	Failure to Maintain CT Ratio (SWTR)	30-Jun-15	Residual Disinfectant Concentration (SWTR)	TT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502069	Turbidity	30-Jun-15	Monthly Combined Filter Effluent (LT1 SWTR)	TT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502070	Failure to Maintain Records (LT1 ESWTR)	30-Jun-15	Record Keeping	RPT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502072	Turbidity	02-Jul-15	Single Combined Filter Effluent (LT1 SWTR)	TT	AO w/ Penalty	2/10/2016

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
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502073	Turbidity	04-Jul-15	Single Combined Filter Effluent (LT1 SWTR)	TT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201501790	Failure to Maintain CT Ratio (SWTR)	15-Jul-15	Residual Disinfectant Concentration (SWTR)	TT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502074	Turbidity	16-Jul-15	Single Combined Filter Effluent (LT1 SWTR)	TT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502071	Turbidity	31-Jul-15	Monthly Combined Filter Effluent (LT1 SWTR)	TT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502075	Failure to Maintain Records (LT1 ESWTR)	31-Jul-15	Record Keeping	RPT	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502305	Total Haloacetic Acids (HAA5)	30-Sep-15	MCL (Chem-Rad), Average	MCL	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201502306	Total Haloacetic Acids (HAA5)	30-Sep-15	MCL (Chem-Rad), Average	MCL	AO w/ Penalty	2/10/2016
CHARITON MUNICIPAL WATER WORKS	4321	LUCAS	IA5903011	CWS	201600027	Failure to meet Compliance Schedule for Operator Certification	31-Oct-15	Qualified Operator Failure	TT	AO w/ Penalty	2/10/2016
CHURCH OF JESUS CHRIST OF LDS (HAMPTON)	50	FRANKLIN	IA3544802	TNC	201600772	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/16/2016
CHURCH OF JESUS CHRIST OF LDS (HAMPTON)	50	FRANKLIN	IA3544802	TNC	201600773	Nitrite (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/16/2016
CHURCH OF JESUS CHRIST OF LDS (HAMPTON)	50	FRANKLIN	IA3544802	TNC	201600774	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/16/2016
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201501380	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/2/2015
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	201501789	Failure to submit MOR	06-Feb-15	Monitoring (MOR)	RPT	NOV Issued	2/6/2015
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	201501491	Copper	30-Jun-15	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	7/6/2015
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	201600486	Nitrate (as N)	30-Nov-15	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/18/2015
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	201601461	Copper	31-Dec-15	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	6/15/2016
CLARKSVILLE WATER SUPPLY	1445	BUTLER	IA1228038	CWS	201502132	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/15/2015
CLARKSVILLE WATER SUPPLY	1445	BUTLER	IA1228038	CWS	201600065	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/13/2015
CLARMOND COUNTRY CLUB	35	WRIGHT	IA9905872	TNC	201600425	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/10/2016
CLERMONT WATER SUPPLY	632	FAYETTE	IA3317047	CWS	201501213	Coliform (TCR)	30-Apr-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/27/2015
CLIFFS PLACE INC	51	BREMER	IA0929200	TNC	201600838	Chlorine	31-Dec-15	Operations Report	RPT	Compliance Achieved	2/8/2016
CLIMAX MOLYBDENUM COMPANY	150	LEE	IA5625140	NTNC	201600319	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/23/2015
CLIMAX MOLYBDENUM COMPANY	150	LEE	IA5625140	NTNC	201600320	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/23/2015
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	201600092	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/30/2015
COACH ROAD WELL ASSOCIATION	40	CEDAR	IA1600301	CWS	201600270	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/19/2015

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
COACH ROAD WELL ASSOCIATION	40	CEDAR	IA1600301	CWS	201600271	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/19/2015
COLLEGE SPRINGS WATER SUPPLY	214	PAGE	IA7341059	CWS	201502151	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/1/2015
COLLEGE SPRINGS WATER SUPPLY	214	PAGE	IA7341059	CWS	201600733	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/25/2016
COLO WATER SUPPLY	876	STORY	IA8520061	CWS	201501655	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/14/2015
COMMUNITY CHURCH OF KAMRAR	167	HAMILTON	IA4033801	TNC	201600124	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/25/2015
COMMUNITY COUNTRY STORE	91	JOHNSON	IA5221207	TNC	201600138	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/28/2015
CONSUMERS COOPERATIVE SOCIETY	40	JOHNSON	IA5225208	TNC	201600132	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/4/2015
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201600088	Total Haloacetic Acids (HAA5)	31-Aug-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/15/2015
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201600091	Total Trihalomethanes (TTHM)	31-Aug-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/15/2015
CORNER MARKET	32	SCOTT	IA8258201	TNC	201502241	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/16/2015
CORNING MUNI WATER DEPARTMENT	1635	ADAMS	IA0220075	CWS	201501512	Failure to meet Certified Operator Requirement	09-Jul-15	Certified Operator Requirement	STA	NOV Issued	7/9/2015
CORNING MUNI WATER DEPARTMENT	1635	ADAMS	IA0220075	CWS	201501513	Carbon, Total Organic (TOC)	09-Jul-15	Monitoring (DBP), Routine Major	MON	Compliance Achieved	8/11/2015
CORNING MUNI WATER DEPARTMENT	1635	ADAMS	IA0220075	CWS	201501514	Turbidity	09-Jul-15	Monitoring (IESWTR/LT1), Routine Major	MON	NOV Issued	7/9/2015
CORNING MUNI WATER DEPARTMENT	1635	ADAMS	IA0220075	CWS	201501515	Failure to Maintain Records (SWTR)	09-Jul-15	Record Keeping	RPT	NOV Issued	7/9/2015
CORNING MUNI WATER DEPARTMENT	1635	ADAMS	IA0220075	CWS	201501516	Failure to submit MOR	09-Jul-15	Monitoring (MOR)	RPT	NOV Issued	7/9/2015
COTTAGE RESERVE CORPORATION	198	JOHNSON	IA5200801	CWS	201600213	Lead	30-Sep-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/28/2015
COUNTRY DRIVE	35	PLYMOUTH	IA7528201	TNC	201501675	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/9/2015
COUNTRY DRIVE	35	PLYMOUTH	IA7528201	TNC	201501676	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/9/2015
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	201501443	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/29/2015
COUNTRY VIEW SUBDIVISION HOA	55	JOHNSON	IA9233899	CWS	201501303	Coliform (TCR)	31-May-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/8/2015
CRAWFORD CREEK PARK	250	IDA	IA4728957	TNC	201600083	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/2/2015
CRESCENT WATER SUPPLY	617	POTTAWATTAMIE	IA7822086	CWS	201500980	Total Trihalomethanes (TTHM)	31-Jan-15	Monitoring (DBP), Routine Major	MON	Compliance Achieved	4/15/2015
CRESCENT WATER SUPPLY	617	POTTAWATTAMIE	IA7822086	CWS	201500981	Total Haloacetic Acids (HAA5)	31-Jan-15	Monitoring (DBP), Routine Major	MON	Compliance Achieved	4/15/2015
CRESCENT WATER SUPPLY	617	POTTAWATTAMIE	IA7822086	CWS	201502062	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/21/2015
CRESTVIEW MOBILE HOME PARK	105	STORY	IA8500605	CWS	201501078	Nitrite (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/22/2015

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
CRESTVIEW MOBILE HOME PARK	105	STORY	IA8500605	CWS	201501079	Nitrite (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/22/2015
CRESTVIEW MOBILE HOME PARK	105	STORY	IA8500605	CWS	201601075	Failure Maintain Microbial Treat (GWR)	11-Sep-15	Failure Maintain Microbial Treat (GWR)	TT	BCA Signed	3/28/2016
CRESTVIEW MOBILE HOME PARK	105	STORY	IA8500605	CWS	201600629	Failure to meet Certified Operator Requirement	31-Dec-15	Certified Operator Requirement	STA	BCA Signed	3/28/2016
CRESTVIEW MOBILE HOME PARK	105	STORY	IA8500605	CWS	201601074	Failure to obtain a Construction Permit	31-Dec-15	Construction Without Permit	STA	BCA Signed	3/28/2016
CUBBYS PERCIVAL DAYBREAK FOODS EAGLE GROVE COMPLEX	203	FREMONT	IA3643201	TNC	201600119	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/27/2015
DE SOTO WATER SUPPLY	40	WRIGHT	IA9926801	NTNC	201501084	Nitrate (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/16/2015
DE SOTO WATER SUPPLY	1050	DALLAS	IA2529035	CWS	201501814	Fluoride	05-Aug-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/6/2016
DEDHAM WATER SUPPLY	266	CARROLL	IA1433016	CWS	201502134	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/12/2015
DEER VALLEY LODGE	100	CERRO GORDO	IA1785421	TNC	201501600	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/4/2015
DEER VALLEY LODGE	100	CERRO GORDO	IA1785421	TNC	201600691	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/12/2016
DEERFIELD HEIGHTS ASSOCIATION	31	WINNESHIEK	IA9630316	CWS	201501130	Chlorine	31-Mar-15	Operations Report	RPT	Compliance Achieved	4/13/2015
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201600126	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/30/2015
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201600127	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/21/2015
DELHI LAKEVIEW ESTATES	35	DELAWARE	IA2817456	TNC	201600696	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/27/2016
DIAGONAL WATER DEPARTMENT	330	RINGGOLD	IA8018040	CWS	201501954	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/3/2015
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	201502250	E. coli	29-Aug-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/28/2015
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	201502045	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/28/2015
DODDS VALLEY VIEW WATER ASSN	220	SCOTT	IA8209600	CWS	201600411	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/1/2015
DONNELLSON MUNI WATER WORKS	912	LEE	IA5620046	CWS	201600638	Radium, Combined (226, 228)	31-Dec-15	MCL (Chem-Rad), Average	MCL	NOV Issued	1/11/2016
DONNELLSON MUNI WATER WORKS	912	LEE	IA5620046	CWS	201600639	Gross Alpha, excluding Rn & U	31-Dec-15	MCL (Chem-Rad), Average	MCL	NOV Issued	1/11/2016
DOT-4 (I-680 RA 023S LOVELAND)	175	POTTAWATTAMIE	IA7838715	TNC	201501731	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/8/2015
DOT-4 (I-680 RA 024N LOVELAND)	255	POTTAWATTAMIE	IA7838728	TNC	201600025	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/5/2015
DOWS GOLF COURSE INC	53	WRIGHT	IA9921800	TNC	201600744	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/21/2016
DYERSVILLE GOLF AND COUNTRY CLUB	40	DUBUQUE	IA3130883	TNC	201501797	Nitrate (as N)	31-Aug-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/8/2016
DYERSVILLE MUNICIPAL WATER CO	4058	DUBUQUE	IA3130091	CWS	201500922	Radium, Combined (226, 228)	31-Mar-15	MCL (Chem-Rad), Average	MCL	NOV Issued	2/24/2015

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
DYERSVILLE MUNICIPAL WATER CO	4058	DUBUQUE	IA3130091	CWS	201501324	Radium, Combined (226, 228)	30-Jun-15	MCL (Chem-Rad), Average	MCL	NOV Issued	6/1/2015
DYERSVILLE MUNICIPAL WATER CO	4058	DUBUQUE	IA3130091	CWS	201502100	Radium, Combined (226, 228)	30-Sep-15	MCL (Chem-Rad), Average	MCL	NOV Issued	9/4/2015
DYERSVILLE MUNICIPAL WATER CO	4058	DUBUQUE	IA3130091	CWS	201600645	Radium, Combined (226, 228)	31-Dec-15	MCL (Chem-Rad), Average	MCL	NOV Issued	1/14/2016
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201501373	Nitrate (as N)	31-May-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201501374	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/2/2015
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201501614	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/2/2015
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201501615	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201501805	Nitrate (as N)	30-Jun-15	Operations Report	RPT	Compliance Achieved	3/11/2016
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201501887	Nitrate (as N)	31-Jul-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201501888	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/2/2015
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201502218	Nitrate (as N)	31-Aug-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201502219	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/2/2015
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201600495	Nitrate (as N)	30-Sep-15	Operations Report	RPT	Compliance Achieved	3/11/2016
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201600284	Nitrate (as N)	31-Oct-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/11/2016
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201600285	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/11/2016
ELBERON WATER SUPPLY	196	TAMA	IA8631003	CWS	201600519	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/30/2015
ELBERON WATER SUPPLY	196	TAMA	IA8631003	CWS	201601454	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/30/2015
ELDON WATER SUPPLY	927	WAPELLO	IA9053004	CWS	201502121	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/24/2015
ELK LODGE # 297	56	DUBUQUE	IA3100724	TNC	201600254	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/1/2015
ELK RUN HEIGHTS WATER SUPPLY	1117	BLACK HAWK	IA0721014	CWS	201502204	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/16/2015
ELK RUN HEIGHTS WATER SUPPLY	1117	BLACK HAWK	IA0721014	CWS	201600489	Coliform (TCR)	30-Nov-15	MCL (TCR), Monthly	MCL	Compliance Achieved	12/17/2015
ELKADER GOLF & COUNTRY CLUB	45	CLAYTON	IA2223438	TNC	201501368	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/30/2015
EXIRA WATER DEPT	840	AUDUBON	IA0520030	CWS	201502202	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/8/2015
EXIRA WATER DEPT	840	AUDUBON	IA0520030	CWS	201600607	Failure Maintain Microbial Treat (GWR)	01-Dec-15	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	6/9/2016
F B & COMPANY	42	LINN	IA5720201	TNC	201501853	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/14/2015
FAIRBANK WATER SUPPLY	1118	BUCHANAN	IA1025031	CWS	201500921	Radium, Combined	31-Mar-15	MCL (Chem-Rad), Average	MCL	BCA Signed	10/14/2015

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
						(226, 228)					
FAIRBANK WATER SUPPLY	1118	BUCHANAN	IA1025031	CWS	201501323	Radium, Combined (226, 228)	30-Jun-15	MCL (Chem-Rad), Average	MCL	BCA Signed	10/14/2015
FAIRBANK WATER SUPPLY	1118	BUCHANAN	IA1025031	CWS	201600017	Radium, Combined (226, 228)	30-Sep-15	MCL (Chem-Rad), Average	MCL	BCA Signed	10/14/2015
FAIRBANK WATER SUPPLY	1118	BUCHANAN	IA1025031	CWS	201600553	Radium, Combined (226, 228)	31-Dec-15	MCL (Chem-Rad), Average	MCL	BCA Signed	10/14/2015
FAIRFAX WATER SUPPLY	2123	LINN	IA5731032	CWS	201501911	Radium, Combined (226, 228)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
FAIRFAX WATER SUPPLY	2123	LINN	IA5731032	CWS	201501912	Radium, Combined (226, 228)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
FAIRVIEW MENNONITE CHURCH	41	JOHNSON	IA9233804	TNC	201501252	Coliform (TCR)	30-Apr-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/11/2015
FAIRVIEW MENNONITE CHURCH	41	JOHNSON	IA9233804	TNC	201600763	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/24/2016
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	201501424	Fecal Coliform	30-Jun-15	MCL (TCR), Acute	MCL	Compliance Achieved	8/12/2015
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	201501425	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/12/2015
FAIRWAY OAKS	98	MUSCATINE	IA7048306	CWS	201600618	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	2/10/2016
FAITH COMMUNITY CHURCH	300	POCAHONTAS	IA7622802	TNC	201501690	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/3/2015
FARLEY WATER SUPPLY	1537	DUBUQUE	IA3135018	CWS	201500965	Radium, Combined (226, 228)	31-Mar-15	MCL (Chem-Rad), Average	MCL	BCA Signed	4/6/2016
FARLEY WATER SUPPLY	1537	DUBUQUE	IA3135018	CWS	201501504	Radium, Combined (226, 228)	30-Jun-15	MCL (Chem-Rad), Average	MCL	BCA Signed	4/6/2016
FARMSTEAD PRESCHOOL	50	BLACK HAWK	IA0709501	TNC	201501674	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/9/2015
FEATHERLITE MANUFACTURING, INC.	45	HOWARD	IA4535101	NTNC	201501129	Chlorine	31-Mar-15	Operations Report	RPT	Compliance Achieved	4/22/2015
FEATHERLITE MANUFACTURING, INC.	45	HOWARD	IA4535101	NTNC	201600427	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/31/2015
FEATHERLITE MANUFACTURING, INC.	45	HOWARD	IA4535101	NTNC	201600428	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/31/2015
FILLMORE BAR AND GRILL	55	DUBUQUE	IA3118729	TNC	201501122	Chlorine	31-Mar-15	Operations Report	RPT	Compliance Achieved	5/7/2015
FONDA WATER SUPPLY	666	POCAHONTAS	IA7603045	CWS	201502296	Copper	30-Sep-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	9/22/2015
FORT DODGE ASPHALT COMPANY	26	WEBSTER	IA9433102	TNC	201600120	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/12/2015
FREEZE FRAME BOWL	55	FLOYD	IA1253851	TNC	201600689	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/4/2016
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201500793	Arsenic	31-Mar-15	MCL (Chem-Rad), Average	MCL	BCA Signed	3/14/2016
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201501322	Arsenic	30-Jun-15	MCL (Chem-Rad), Average	MCL	BCA Signed	3/14/2016
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201501500	Arsenic	30-Sep-15	MCL (Chem-Rad), Average	MCL	BCA Signed	3/14/2016
GALLERY ACRES WEST	43	JOHNSON	IA5282306	CWS	201600206	Arsenic	31-Dec-15	MCL (Chem-Rad), Average	MCL	BCA Signed	3/14/2016
GARDEN GROVE WATER SUPPLY	216	DECATUR	IA2725073	CWS	201502216	Total Haloacetic Acids (HAA5)	31-Jul-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/2/2015

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
GARDEN GROVE WATER SUPPLY	216	DECATUR	IA2725073	CWS	201502217	Total Trihalomethanes (TTHM)	31-Jul-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/2/2015
GENERATIONS RESTAURANT & EVENTS CENTER	60	KOSSUTH	IA5502731	TNC	201501066	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2015
GENERATIONS RESTAURANT & EVENTS CENTER	60	KOSSUTH	IA5502731	TNC	201501633	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2015
GENERATIONS RESTAURANT & EVENTS CENTER	60	KOSSUTH	IA5502731	TNC	201501634	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/24/2015
GENEVA WATER WORKS	165	FRANKLIN	IA3539080	CWS	201600287	Fluoride	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
GILBERT WATER SUPPLY	1082	STORY	IA8531083	CWS	201500966	Coliform (TCR)	31-Mar-15	MCL (TCR), Monthly	MCL	Compliance Achieved	5/4/2015
GILLETT GROVE WATER SUPPLY	49	CLAY	IA2127085	CWS	201501457	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/29/2015
GILLETT GROVE WATER SUPPLY	49	CLAY	IA2127085	CWS	201600492	Coliform (TCR)	30-Nov-15	MCL (TCR), Monthly	MCL	Compliance Achieved	2/25/2016
GILLETT GROVE WATER SUPPLY	49	CLAY	IA2127085	CWS	201600608	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	2/25/2016
GLIDDEN WATER SUPPLY	1146	CARROLL	IA1438091	CWS	201502208	Total Haloacetic Acids (HAA5)	31-Jul-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/2/2015
GLIDDEN WATER SUPPLY	1146	CARROLL	IA1438091	CWS	201502209	Total Trihalomethanes (TTHM)	31-Jul-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/2/2015
GOLF SIDE GRILLE	45	DUBUQUE	IA3130731	TNC	201501209	Nitrate (as N)	30-Apr-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/26/2015
GOOD TIME CHARLIES	29	JOHNSON	IA5280201	TNC	201501668	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/30/2015
GOOD TIME CHARLIES	29	JOHNSON	IA5280201	TNC	201501669	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/25/2015
GOOD TIME CHARLIES	29	JOHNSON	IA5280201	TNC	201502236	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/30/2015
GOOD TIME CHARLIES	29	JOHNSON	IA5280201	TNC	201600434	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/23/2015
GRANDVIEW DRIVE IN	102	LOUISA	IA5842202	TNC	201502021	E. coli	25-Jul-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	3/10/2016
GRANDVIEW DRIVE IN	102	LOUISA	IA5842202	TNC	201501861	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	3/10/2016
GRANDVIEW DRIVE IN	102	LOUISA	IA5842202	TNC	201600445	E. coli	03-Oct-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	3/10/2016
GRANDVIEW DRIVE IN	102	LOUISA	IA5842202	TNC	201600243	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/10/2016
GRANDVIEW DRIVE IN	102	LOUISA	IA5842202	TNC	201600261	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	3/10/2016
GREEN BRIER SUBDIVISION	47	DUBUQUE	IA3126307	CWS	201600115	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/19/2015
GUPPY'S ON THE GO	506	LINN	IA0690201	TNC	201501666	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/15/2015
GUTHRIE GROVE RETREAT CENTER	352	GUTHRIE	IA3937477	TNC	201600077	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/7/2015
HAMMYS HIDEOUT	27	ALLAMAKEE	IA0397201	TNC	201600840	Chlorine	31-Dec-15	Operations Report	RPT	Compliance Achieved	1/27/2016
HAMPTON MUNI WATER WORKS	4461	FRANKLIN	IA3544024	CWS	201600237	Radium, Combined (226, 228)	31-Dec-15	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/11/2015

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
HANFORD COMMUNITY CHURCH	52	CERRO GORDO	IA1739801	TNC	201600135	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/13/2016
HARMONY BIBLE CHURCH	270	HENRY	IA2915885	TNC	201501604	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/30/2015
HARMONY BIBLE CHURCH	270	HENRY	IA2915885	TNC	201501605	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/30/2015
HARMONY BIBLE CHURCH	270	HENRY	IA2915885	TNC	201600073	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/4/2015
HARMONY BIBLE CHURCH	270	HENRY	IA2915885	TNC	201600699	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	NOV Issued	1/27/2016
HARMONY BIBLE CHURCH	270	HENRY	IA2915885	TNC	201600700	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	NOV Issued	1/27/2016
HART RIDGE GOLF COURSE	167	DELAWARE	IA2839203	TNC	201501249	Nitrate (as N)	30-Apr-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/5/2015
HART RIDGE GOLF COURSE	167	DELAWARE	IA2839203	TNC	201501663	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/22/2015
HART RIDGE GOLF COURSE	167	DELAWARE	IA2839203	TNC	201600576	Nitrate (as N)	30-Nov-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/21/2015
HAWKEYE WATER SUPPLY	449	FAYETTE	IA3346037	CWS	201501378	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/15/2015
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201501216	Nitrate (as N)	30-Apr-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201501379	Nitrate (as N)	31-May-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201501616	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201501617	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/29/2016
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201501806	Nitrate (as N)	30-Jun-15	Operations Report	RPT	NOV Issued	7/15/2015
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201501889	Nitrate (as N)	31-Jul-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201502220	Nitrate (as N)	31-Aug-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201600075	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/29/2016
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201600497	Nitrate (as N)	30-Sep-15	Operations Report	RPT	NOV Issued	10/21/2015
HICKORY HILLS SECOND ANNEX	130	SCOTT	IA8215373	CWS	201501533	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/20/2015
HIDEAWAY HILLS MOBILE HOME PARK	40	ALLAMAKEE	IA0345603	CWS	201500911	Radium, Combined (226, 228)	31-Mar-15	MCL (Chem-Rad), Average	MCL	NOV Issued	2/18/2015
HIDEAWAY HILLS MOBILE HOME PARK	40	ALLAMAKEE	IA0345603	CWS	201501815	Radium, Combined (226, 228)	30-Jun-15	MCL (Chem-Rad), Average	MCL	NOV Issued	8/12/2015
HIDEAWAY HILLS MOBILE HOME PARK	40	ALLAMAKEE	IA0345603	CWS	201600204	Radium, Combined (226, 228)	30-Sep-15	MCL (Chem-Rad), Average	MCL	NOV Issued	10/21/2015
HIDEAWAY HILLS MOBILE HOME PARK	40	ALLAMAKEE	IA0345603	CWS	201600236	Radium, Combined (226, 228)	31-Dec-15	MCL (Chem-Rad), Average	MCL	NOV Issued	11/13/2015
HIGH AND WEST AMANA WATER SUPPLY	250	IOWA	IA4880087	CWS	201500625	Coliform (TCR)	31-Jan-15	MCL (TCR), Monthly	MCL	Compliance Achieved	3/13/2015
HIGH AND WEST AMANA WATER SUPPLY	250	IOWA	IA4880087	CWS	201501464	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/26/2015

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
HIGH AND WEST AMANA WATER SUPPLY	250	IOWA	IA4880087	CWS	201502084	Copper	30-Jun-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/9/2016
HIGH AND WEST AMANA WATER SUPPLY	250	IOWA	IA4880087	CWS	201501748	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/26/2015
HIGH AND WEST AMANA WATER SUPPLY	250	IOWA	IA4880087	CWS	201600835	Copper	31-Dec-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/9/2016
HILLANDALE IOWA II LLP	35	FAYETTE	IA3383101	NTNC	201600764	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/27/2016
HILLANDALE IOWA II LLP	35	FAYETTE	IA3383101	NTNC	201600910	Toluene	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/28/2016
HILLS BANK AND TRUST CO	940	JOHNSON	IA5221205	NTNC	201501678	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/30/2015
HILLS SCHOOL-IA CITY COMM SCHOOLS	193	JOHNSON	IA5221519	NTNC	201501903	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/18/2016
HILLSIDE GOLF	62	HANCOCK	IA5592893	TNC	201501067	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/1/2015
HILLSIDE GOLF	62	HANCOCK	IA5592893	TNC	201600723	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/4/2016
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201501400	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/30/2015
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201501481	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/31/2015
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201501497	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/31/2015
HILLSIDE STABLES RESTAURANT	57	JACKSON	IA4975201	TNC	201501521	Fecal Coliform	31-Jul-15	MCL (TCR), Acute	MCL	Compliance Achieved	8/31/2015
HILLTOP ROAD ASSOCIATION #1	45	MUSCATINE	IA7048392	CWS	201501948	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/19/2015
HILLTOP ROAD ASSOCIATION #1	45	MUSCATINE	IA7048392	CWS	201502150	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	AO w/ Penalty	6/9/2016
HILLTOP ROAD ASSOCIATION #1	45	MUSCATINE	IA7048392	CWS	201600571	Coliform (TCR)	30-Nov-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/26/2016
HIM HEARTH N HOME COOKING	57	WASHINGTON	IA9233205	TNC	201600125	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/9/2015
HITCHCOCK HOUSE	216	CASS	IA1535901	TNC	201600146	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/10/2016
HOMESTEAD WATER SUPPLY	148	IOWA	IA4830036	CWS	201600225	Gross Alpha, excluding Rn & U	31-Dec-15	MCL (Chem-Rad), Average	MCL	NOV Issued	11/2/2015
HOWARD H CHERRY SCOUT RESERVATION	155	LINN	IA5720421	TNC	201600323	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/4/2015
HUNTS CEDAR RIVER CAMPGROUND	42	CEDAR	IA1689411	TNC	201500920	Failure to Consult with DNR	18-Feb-15	Failure to Consult, GWR	RPT	Compliance Achieved	4/6/2015
HUNTS CEDAR RIVER CAMPGROUND	42	CEDAR	IA1689411	TNC	201501597	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/20/2015
HUNTS CEDAR RIVER CAMPGROUND	42	CEDAR	IA1689411	TNC	201600272	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/5/2016
HURSTVILLE INTERPRETIVE CENTER	50	JACKSON	IA4938401	TNC	201600131	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/20/2015
HWH CORPORATION (WEST)	50	CEDAR	IA7078101	NTNC	201600575	Coliform (TCR)	30-Nov-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/9/2015
INDEPENDENCE WATER DEPT	5971	BUCHANAN	IA1037070	CWS	201600064	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad),	MON	Compliance	10/13/2015

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
								Routine Major		Achieved	
INTERSTATE PARK	50	MITCHELL	IA6663903	TNC	201600328	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/4/2016
IOWA ARMY AMMUNITION PLANT	1100	DES MOINES	IA2900900	NTNC	201501054	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/14/2015
IOWA MENNONITE SCHOOL	202	WASHINGTON	IA9233520	NTNC	201600418	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/24/2015
IOWA MENNONITE SCHOOL	202	WASHINGTON	IA9233520	NTNC	201600419	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/24/2015
IOWA MENNONITE SCHOOL	202	WASHINGTON	IA9233520	NTNC	201600420	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/21/2015
IOWA MENNONITE SCHOOL	202	WASHINGTON	IA9233520	NTNC	201600421	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/21/2015
JAEGER PLUMBING & PUMP, INC.	50	DUBUQUE	IA3126713	TNC	201501611	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2015
JERICO JOS	28	CHICKASAW	IA1951201	TNC	201502019	E. coli	11-Jul-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/31/2015
JERICO JOS	28	CHICKASAW	IA1951201	TNC	201501865	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	8/31/2015
JEWELS SKATE COUNTRY	30	WINNESHIEK	IA9630204	TNC	201600448	E. coli	10-Oct-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/28/2015
JEWELS SKATE COUNTRY	30	WINNESHIEK	IA9630204	TNC	201600244	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	10/28/2015
JIMI B	35	JACKSON	IA3113200	TNC	201501608	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/4/2015
JIMI B	35	JACKSON	IA3113200	TNC	201501609	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/8/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501052	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/27/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501174	Alachlor (Lasso)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501175	Atrazine	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501176	Benzo (a) Pyrene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501177	2,4-D	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501178	Dalapon	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501179	Di(2-Ethylhexyl) Adipate	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501180	Di(2-Ethylhexyl) Phthalate	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501181	Dinoseb	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501182	Pentachlorophenol	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501183	Picloram	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501184	Simazine	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015

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
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501185	2,4,5-TP (Silvex)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501186	Benzene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501187	Carbon Tetrachloride	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501188	o-Dichlorobenzene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501189	p-Dichlorobenzene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501190	1,2-Dichloroethane	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501191	cis-1,2-Dichloroethylene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501192	1,1-Dichloroethylene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501193	trans-1,2-Dichloroethylene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501194	Dichloromethane	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501195	1,2-Dichloropropane	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501196	Ethylbenzene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501197	Monochlorobenzene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501198	Styrene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501199	Tetrachloroethylene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501200	Toluene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501201	1,2,4-Trichlorobenzene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501202	1,1,1-Trichloroethane	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501203	1,1,2-Trichloroethane	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501204	Trichloroethylene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501205	Vinyl Chloride	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501206	Xylenes	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
JMD OIL INC	395	CEDAR	IA1600605	TNC	201501596	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/4/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201501331	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201501333	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201501340	Fecal Coliform	30-Jun-15	MCL (TCR), Acute	MCL	Compliance Achieved	4/25/2016

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
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201501742	Fecal Coliform	31-Jul-15	MCL (TCR), Acute	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201501743	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201502171	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201501739	Fecal Coliform	30-Sep-15	MCL (TCR), Acute	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201501740	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201502319	Fecal Coliform	30-Sep-15	MCL (TCR), Acute	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201502320	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201502322	Fecal Coliform	30-Sep-15	MCL (TCR), Acute	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201502323	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201600005	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/25/2016
JOE SHELDON PARK-HUMBOLDT CCB	52	HUMBOLDT	IA4622903	TNC	201600007	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/25/2016
JOHN DEERE DUBUQUE WORKS	3000	DUBUQUE	IA3126116	NTNC	201501610	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/22/2015
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201501128	Chlorine	31-Mar-15	Operations Report	RPT	AO w/ Penalty	5/20/2016
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201502064	Chlorine	30-Jun-15	Operations Report	RPT	AO w/ Penalty	5/20/2016
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201600520	Chlorine	30-Sep-15	Operations Report	RPT	AO w/ Penalty	5/20/2016
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201600644	Chlorine	31-Dec-15	Operations Report	RPT	AO w/ Penalty	5/20/2016
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600330	Alachlor (Lasso)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600331	Atrazine	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600332	Benzo (a) Pyrene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600333	2,4-D	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600334	Dalapon	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600335	Di(2-Ethylhexyl) Adipate	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600336	Di(2-Ethylhexyl) Phthalate	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600337	Dinoseb	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600338	Pentachlorophenol	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600339	Picloram	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600340	Simazine	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015

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
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600341	2,4,5-TP (Silvex)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600342	Benzene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600343	Carbon Tetrachloride	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600344	o-Dichlorobenzene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600345	p-Dichlorobenzene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600346	1,2-Dichloroethane	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600347	cis-1,2-Dichloroethylene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600348	1,1-Dichloroethylene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600349	trans-1,2-Dichloroethylene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600350	Dichloromethane	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600351	1,2-Dichloropropane	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600352	Ethylbenzene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600353	Monochlorobenzene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600354	Styrene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600355	Tetrachloroethylene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600356	Toluene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600357	1,2,4-Trichlorobenzene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600358	1,1,1-Trichloroethane	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600359	1,1,2-Trichloroethane	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600360	Trichloroethylene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600361	Vinyl Chloride	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KAMMERER MOBILE HOME PARK	100	MUSCATINE	IA7000686	CWS	201600362	Xylenes	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
KELLERTON WATER SUPPLY	315	RINGGOLD	IA8040015	CWS	201600409	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/9/2015
KERRY	66	CHICKASAW	IA1940101	NTNC	201600624	Copper	30-Sep-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	12/23/2015
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201501123	Chlorine	31-Mar-15	Operations Report	RPT	Compliance Achieved	5/8/2015
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201600564	Nitrite (as N)	30-Nov-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/21/2015

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
KLEMME WATER WORKS	507	HANCOCK	IA4155035	CWS	201600078	Total Trihalomethanes (TTHM)	31-Aug-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2015
KLEMME WATER WORKS	507	HANCOCK	IA4155035	CWS	201600079	Total Haloacetic Acids (HAA5)	31-Aug-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2015
KNOLLCREST HOA	42	SCOTT	IA8222301	CWS	201501149	Radium, Combined (226, 228)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/11/2015
KNOLLCREST HOA	42	SCOTT	IA8222301	CWS	201501150	Gross Alpha, excluding Rn & U	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/11/2015
KNOLLCREST HOA	42	SCOTT	IA8222301	CWS	201501389	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/6/2015
KNOLLCREST HOA	42	SCOTT	IA8222301	CWS	201502113	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2015
KOL GOL INC	42	ALLAMAKEE	IA0398102	NTNC	201600437	Fluoride	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201600503	Coliform (TCR)	30-Nov-15	MCL (TCR), Monthly	MCL	BCA Signed	2/22/2016
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201600789	E. coli	03-Dec-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	4/21/2016
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201600200	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	BCA Signed	2/22/2016
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201600610	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	BCA Signed	2/22/2016
K-TOWN TAP	25	WINNESHIEK	IA4515783	TNC	201600787	E. coli	31-Dec-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	4/21/2016
LA MOTTE WATER SUPPLY	260	JACKSON	IA4945052	CWS	201600304	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/30/2015
LA MOTTE WATER SUPPLY	260	JACKSON	IA4945052	CWS	201600305	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/30/2015
LA PORTE CITY UTILITIES	2285	BLACK HAWK	IA0743057	CWS	201600061	Total Haloacetic Acids (HAA5)	31-Aug-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2015
LA PORTE CITY UTILITIES	2285	BLACK HAWK	IA0743057	CWS	201600062	Total Trihalomethanes (TTHM)	31-Aug-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2015
LA PORTE CITY UTILITIES	2285	BLACK HAWK	IA0743057	CWS	201600265	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/24/2015
LA PORTE CITY UTILITIES	2285	BLACK HAWK	IA0743057	CWS	201600266	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/24/2015
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201500987	Coliform (TCR)	28-Feb-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/26/2015
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201501006	Gross Alpha, excluding Rn & U	31-Mar-15	MCL (Chem-Rad), Average	MCL	BCA Signed	9/15/2015
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201501139	Radium, Combined (226, 228)	31-Mar-15	MCL (Chem-Rad), Average	MCL	BCA Signed	9/15/2015
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201501325	Radium, Combined (226, 228)	30-Jun-15	MCL (Chem-Rad), Average	MCL	BCA Signed	9/15/2015
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201501326	Gross Alpha, excluding Rn & U	30-Jun-15	MCL (Chem-Rad), Average	MCL	BCA Signed	9/15/2015
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201502297	Radium, Combined (226, 228)	30-Sep-15	MCL (Chem-Rad), Average	MCL	BCA Signed	9/15/2015
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201502298	Gross Alpha, excluding Rn & U	30-Sep-15	MCL (Chem-Rad), Average	MCL	BCA Signed	9/15/2015
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201600845	Radium, Combined (226, 228)	31-Dec-15	MCL (Chem-Rad), Average	MCL	BCA Signed	9/15/2015

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201600846	Gross Alpha, excluding Rn & U	31-Dec-15	MCL (Chem-Rad), Average	MCL	BCA Signed	9/15/2015
LACONA WATER SUPPLY	386	WARREN	IA9138041	CWS	201502123	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/6/2015
LADORA WATER SUPPLY	283	IOWA	IA4840042	CWS	201501767	Lead	30-Jun-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/28/2016
LADORA WATER SUPPLY	283	IOWA	IA4840042	CWS	201600641	Copper	31-Dec-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/28/2016
LADORA WATER SUPPLY	283	IOWA	IA4840042	CWS	201600642	Lead	31-Dec-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/28/2016
LAKE CITY WATER SUPPLY	1727	CALHOUN	IA1345043	CWS	201501134	Radium, Combined (226, 228)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/15/2015
LAKE CITY WATER SUPPLY	1727	CALHOUN	IA1345043	CWS	201501135	Gross Alpha, excluding Rn & U	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/15/2015
LAKE CITY WATER SUPPLY	1727	CALHOUN	IA1345043	CWS	201501136	Uranium	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/15/2015
LAKE MACBRIDE GOLF COURSE	45	JOHNSON	IA5282803	TNC	201600093	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/26/2015
LAKE MACBRIDE GOLF COURSE	45	JOHNSON	IA5282803	TNC	201600554	Coliform (TCR)	30-Nov-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/13/2016
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	201501008	Chlorine	28-Feb-15	Operations Report	RPT	Compliance Achieved	5/1/2015
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	201502128	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	12/23/2015
LAMONI MUNICIPAL UTILITIES	2324	DECATUR	IA2740050	CWS	201600836	Failure to Maintain CT Ratio (SWTR)	30-Nov-15	Residual Disinfectant Concentration (SWTR)	TT	NOV Issued	1/27/2016
LAWLER WATER SUPPLY	439	CHICKASAW	IA1957064	CWS	201501131	Chlorine	31-Mar-15	Operations Report	RPT	Compliance Achieved	5/5/2015
LEHIGH CEMENT COMPANY LLC	135	CERRO GORDO	IA1750196	NTNC	201600450	E. coli	12-Oct-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/28/2015
LETTS UNITED METHODIST CHURCH	26	LOUISA	IA5847820	TNC	201501433	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/9/2015
LETTS UNITED METHODIST CHURCH	26	LOUISA	IA5847820	TNC	201501523	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/9/2015
LETTS UNITED METHODIST CHURCH	26	LOUISA	IA5847820	TNC	201501828	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/9/2015
LETTS UNITED METHODIST CHURCH	26	LOUISA	IA5847820	TNC	201502303	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/9/2015
LETTS UNITED METHODIST CHURCH	26	LOUISA	IA5847820	TNC	201600034	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/9/2015
LEWIS AND CLARK MONUMENT	102	POTTAWATTAMIE	IA7820903	TNC	201501143	Nitrate (as N)	31-May-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/1/2015
LINCOLNWAY INVESTMENT GROUP	110	LINN	IA5748201	TNC	201600754	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/4/2016
LINCOLNWAY INVESTMENT GROUP	110	LINN	IA5748201	TNC	201600755	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/4/2016
LINN CO ENGINEER AND SECONDARY ROADS	658	LINN	IA5700900	NTNC	201501804	Chlorine	30-Jun-15	Operations Report	RPT	Compliance Achieved	8/10/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501696	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/24/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501697	Nitrite (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/16/2015

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
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501698	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501699	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501700	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/24/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501701	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/24/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501702	Nitrite (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/16/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501703	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501704	Nitrite (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/16/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501705	Nitrite (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/16/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501706	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501707	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/24/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201502008	Antimony	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/1/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201502009	Arsenic	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/1/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201502010	Barium	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/1/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201502011	Cadmium	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/1/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201502012	Chromium	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/1/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201502013	Fluoride	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/1/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201502014	Mercury	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/1/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201502015	Selenium	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/1/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201502016	Thallium	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/1/2015
LINWOOD MINING AND MINERALS CORP	374	SCOTT	IA8222101	NTNC	201501785	Failure to meet Compliance Schedule for Operator Certification	31-Jul-15	Qualified Operator Failure	TT	Compliance Achieved	10/6/2015
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	201502003	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/12/2015
LITTLE BEAR CAMPGROUND	45	CEDAR	IA1677601	CWS	201600220	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	12/19/2015
LITTLE BEAR CAMPGROUND	45	CEDAR	IA1677601	CWS	201600517	Coliform (TCR)	30-Nov-15	MCL (TCR), Monthly	MCL	Compliance Achieved	12/19/2015
LITTLE BEAR CAMPGROUND	45	CEDAR	IA1677601	CWS	201600784	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/27/2016
LITTLE SIOUX WATER DEPARTMENT	180	HARRISON	IA4333089	CWS	201501439	Arsenic	30-Jun-15	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	6/23/2015

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
LIVERMORE WATER SUPPLY	384	HUMBOLDT	IA4647090	CWS	201501000	Failure to meet a Compliance Schedule	16-Feb-15	Compliance Schedule	V/E	BCA Signed	5/9/2016
LIVERMORE WATER SUPPLY	384	HUMBOLDT	IA4647090	CWS	201600525	Lead	30-Jun-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	5/9/2016
LOGAN-MISSOURI VALLEY COUNTRY CLUB	178	HARRISON	IA4337201	TNC	201501395	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/1/2015
LOHRVILLE WATER SUPPLY	368	CALHOUN	IA1389001	CWS	201501595	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/7/2015
LONG BEACH MOBILE PARK	50	CERRO GORDO	IA1700642	CWS	201600548	Lead	31-Dec-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	3/8/2016
LOST NATION WATER SUPPLY	454	CLINTON	IA2346047	CWS	201501885	Radium, Combined (226, 228)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/4/2015
LOUISA CO LAW ENFORCEMENT CTR	46	LOUISA	IA5800901	CWS	201502147	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2015
LOUISA COURTS MHP & SALES	121	MUSCATINE	IA7000689	CWS	201501947	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/15/2015
LOWER DEER CREEK MENNONITE CHURCH	36	JOHNSON	IA9233803	TNC	201600762	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/24/2016
LOYAL ORDER OF THE MOOSE-IOWA FALLS	71	HARDIN	IA4260208	TNC	201501062	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/8/2015
LOYAL ORDER OF THE MOOSE-IOWA FALLS	71	HARDIN	IA4260208	TNC	201501619	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/8/2015
LOYAL ORDER OF THE MOOSE-IOWA FALLS	71	HARDIN	IA4260208	TNC	201600080	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/8/2015
LOYAL ORDER OF THE MOOSE-IOWA FALLS	71	HARDIN	IA4260208	TNC	201600289	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/8/2015
LOYAL ORDER OF THE MOOSE-IOWA FALLS	71	HARDIN	IA4260208	TNC	201600568	Coliform (TCR)	30-Nov-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/8/2015
LOYAL ORDER OF THE MOOSE-IOWA FALLS	71	HARDIN	IA4260208	TNC	201600711	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/21/2016
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	201600440	Nitrate (as N)	31-Oct-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	201600228	Nitrate (as N)	30-Nov-15	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	5/12/2016
LUCKYS LAST RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	201600778	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/28/2016
LUNDS CAMP INC	72	ALLAMAKEE	IA0300641	TNC	201600060	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/24/2016
MADRID WATER DEPARTMENT	2543	BOONE	IA0848015	CWS	201501509	Turbidity	30-Jul-15	Compliance Schedule	V/E	Compliance Achieved	9/8/2015
MAHASKA RURAL WATER SYSTEM, INC.	7373	MAHASKA	IA6273901	CWS	201501842	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/22/2015
MAKADA HOMEOWNERS ASSOCIATION	75	JOHNSON	IA5225304	CWS	201502144	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/14/2015
MAKADA HOMEOWNERS ASSOCIATION	75	JOHNSON	IA5225304	CWS	201600308	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/18/2015
MAKADA HOMEOWNERS ASSOCIATION	75	JOHNSON	IA5225304	CWS	201600309	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/18/2015
MAPLE HILLS COUNTRY CLUB	55	BREMER	IA0975895	TNC	201502314	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	10/27/2015
MAQUOKETA CAVES STATE	50	JACKSON	IA4950923	TNC	201502090	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance	9/29/2015

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
PARK #3										Achieved	
MAQUOKETA CAVES STATE PARK #3	50	JACKSON	IA4950923	TNC	201600117	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/20/2015
MARION MUNICIPAL WATER DEPT	34610	LINN	IA5751035	CWS	201501330	Radium, Combined (226, 228)	31-Mar-15	MCL (Chem-Rad), Average	MCL	Compliance Achieved	3/3/2016
MARION MUNICIPAL WATER DEPT	34610	LINN	IA5751035	CWS	201501913	Radium, Combined (226, 228)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/2/2015
MARQUETTE WATER SUPPLY	462	CLAYTON	IA2256041	CWS	201600016	Radium, Combined (226, 228)	30-Sep-15	MCL (Chem-Rad), Average	MCL	BCA Signed	4/13/2016
MARQUETTE WATER SUPPLY	462	CLAYTON	IA2256041	CWS	201600547	Radium, Combined (226, 228)	31-Dec-15	MCL (Chem-Rad), Average	MCL	BCA Signed	4/13/2016
MARTHAS HILLTOP BAR & GRILL	34	JACKSON	IA4953202	TNC	201501692	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	NOV Issued	7/16/2015
MASSENA WATER SUPPLY	355	CASS	IA1558055	CWS	201500800	Coliform (TCR)	31-Jan-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/17/2015
MASSEY FISHERMANS WHARF	52	DUBUQUE	IA3126204	TNC	201600074	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/30/2015
MAYNES GROVE - FRANKLIN CO CONSERVATION	100	FRANKLIN	IA3544401	TNC	201501694	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/8/2015
MEADOW HILLS GOLF COURSE	44	HARDIN	IA4260807	TNC	201600712	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/5/2016
MELCHER-DALLAS WATER SUPPLY	1288	MARION	IA6300099	CWS	201501638	Nitrite (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/19/2015
MIDWEST MFG (SHELL RK PROD-PK BLDGWELL)	55	BUTLER	IA1286107	NTNC	201600501	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	12/10/2015
MIDWEST MFG (SHELL RK PROD-PK BLDGWELL)	55	BUTLER	IA1286107	NTNC	201600753	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/27/2016
MIKES SALOON	240	PLYMOUTH	IA7528801	TNC	201600098	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/30/2015
MILO PUBLIC WATER SUPPLY	775	WARREN	IA9155083	CWS	201600415	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/3/2015
MINGO WATER DEPARTMENT	302	JASPER	IA5052087	CWS	201502223	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/16/2015
MITCHELL COUNTY CARE FACILITY	27	MITCHELL	IA6600901	NTNC	201501133	Nitrate (as N)	30-Apr-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/21/2015
MITCHELL COUNTY CARE FACILITY	27	MITCHELL	IA6600901	NTNC	201600097	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/8/2015
MITCHELLVILLE WATER SUPPLY	2254	POLK	IA7751092	CWS	201600734	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/8/2016
MITCHELLVILLE WATER SUPPLY	2254	POLK	IA7751092	CWS	201601467	Chlorine	31-Dec-15	Operations Report	RPT	NOV Issued	5/10/2016
MONTI-VIEW MOBILE HOME PARK	60	JONES	IA5300688	CWS	201500622	Nitrate (as N)	31-Jan-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	2/17/2015
MONTI-VIEW MOBILE HOME PARK	60	JONES	IA5300688	CWS	201501166	Nitrate (as N)	31-May-15	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	5/18/2015
MONTI-VIEW MOBILE HOME PARK	60	JONES	IA5300688	CWS	201502061	Nitrate (as N)	31-Jul-15	Compliance Schedule	V/E	BCA Signed	5/18/2015
MONTI-VIEW MOBILE HOME PARK	60	JONES	IA5300688	CWS	201600491	Nitrate (as N)	30-Nov-15	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	5/18/2015
MOONSHINE TAP	30	CHICKASAW	IA1974222	TNC	201600069	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/19/2015

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
MOOREHEAD PARK #1	150	IDA	IA4728958	TNC	201600084	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/2/2015
MOORLAND WATER SUPPLY	169	WEBSTER	IA9461007	CWS	201600028	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/12/2015
MORGAN CREEK PARK	30	LINN	IA5715973	TNC	201600725	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/11/2016
MSI MOLD BUILDERS	86	LINN	IA5715106	NTNC	201600747	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/26/2016
MT JOY MOBILE HOME PARK	173	SCOTT	IA8222603	CWS	201500982	Coliform (TCR)	28-Feb-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/10/2015
MT JOY MOBILE HOME PARK	173	SCOTT	IA8222603	CWS	201502114	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	AG Case Referred	10/12/2015
MT. CRESCENT SKI AREA	119	POTTAWATTAMIE	IA7822842	TNC	201600736	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/17/2016
MUSCATINE COM SCHOOL TRANSPORTATION BLDG	50	MUSCATINE	IA7048501	TNC	201502240	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/1/2015
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201600067	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/5/2015
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201600693	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/13/2016
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201501601	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/17/2015
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201502285	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/17/2015
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201502311	Fecal Coliform	30-Sep-15	MCL (TCR), Acute	MCL	Compliance Achieved	11/17/2015
NEW HAMPTON RED POWER INC	75	CHICKASAW	IA1970101	TNC	201600692	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/26/2016
NEW HARTFORD WATER SUPPLY	516	BUTLER	IA1271058	CWS	201502206	Total Haloacetic Acids (HAA5)	31-Jul-15	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2015
NEW HARTFORD WATER SUPPLY	516	BUTLER	IA1271058	CWS	201502207	Total Trihalomethanes (TTHM)	31-Jul-15	Monitoring (DBP), Routine Major	MON	NOV Issued	9/17/2015
NEWELL WATER TREATMENT PLANT	891	BUENA VISTA	IA1155049	CWS	201601109	Copper	31-Dec-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	4/11/2016
NEXTERA ENERGY DUANE ARNOLD LLC	600	LINN	IA5715150	NTNC	201600321	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	2/3/2016
NEXTERA ENERGY DUANE ARNOLD LLC	600	LINN	IA5715150	NTNC	201600322	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	2/3/2016
NORTH CEDAR PARK	25	BREMER	IA0975914	TNC	201501522	Nitrate (as N)	31-Jul-15	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/18/2016
NORTH CORALVILLE LAKE MANOR	64	JOHNSON	IA5200889	CWS	201600235	Failure to meet a Compliance Schedule	31-Oct-15	Compliance Schedule	V/E	Compliance Achieved	1/25/2016
NORTH END MOBILE HOME PARK	78	DUBUQUE	IA3100609	CWS	201501809	Failure to meet a Compliance Schedule	31-Mar-15	Compliance Schedule	V/E	Compliance Achieved	5/2/2016
NORWAY CITY WATER SUPPLY	545	BENTON	IA0656081	CWS	201502131	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	3/11/2016
OAKRIDGE HOMEOWNERS ASSOCIATION	26	CERRO GORDO	IA1716304	CWS	201501449	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/27/2015
OAKRIDGE HOMEOWNERS ASSOCIATION	26	CERRO GORDO	IA1716304	CWS	201600136	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/8/2015

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
OAKWOOD RV PARK	60	CERRO GORDO	IA1716801	TNC	201600748	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/11/2016
OELWEIN MUNICIPAL WATER WORKS	6415	FAYETTE	IA3353088	CWS	201501057	Nitrate (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2015
OELWEIN MUNICIPAL WATER WORKS	6415	FAYETTE	IA3353088	CWS	201501059	Nitrate (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2015
OGDEN MUNICIPAL UTILITIES	2472	BOONE	IA0858090	CWS	201501155	Total Trihalomethanes (TTHM)	31-Jan-15	Monitoring (DBP), Routine Major	MON	Compliance Achieved	7/14/2015
OGDEN MUNICIPAL UTILITIES	2472	BOONE	IA0858090	CWS	201501156	Total Haloacetic Acids (HAA5)	31-Jan-15	Monitoring (DBP), Routine Major	MON	Compliance Achieved	7/14/2015
OGDEN MUNICIPAL UTILITIES	2472	BOONE	IA0858090	CWS	201501157	Total Trihalomethanes (TTHM)	30-Apr-15	Monitoring (DBP), Routine Major	MON	Compliance Achieved	7/14/2015
OGDEN MUNICIPAL UTILITIES	2472	BOONE	IA0858090	CWS	201501158	Total Haloacetic Acids (HAA5)	30-Apr-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/14/2015
OKOBOJI VIEW GOLF COURSE	100	DICKINSON	IA3070868	TNC	201600701	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/6/2016
OLD EAST PAINT CREEK LUTHERAN CHURCH	120	ALLAMAKEE	IA0397801	TNC	201502287	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	10/21/2015
OSKALOOSA MUNICIPAL WATER DEPT	12173	MAHASKA	IA6273005	CWS	201501796	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	10/26/2015
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201501120	Chlorine	31-Mar-15	Operations Report	RPT	Compliance Achieved	5/4/2015
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201501667	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/1/2015
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201501802	Chlorine	30-Jun-15	Operations Report	RPT	Compliance Achieved	8/17/2015
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201600431	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/2/2015
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201600790	E. coli	14-Dec-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	12/29/2015
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201600751	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/31/2016
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201600842	Chlorine	31-Dec-15	Operations Report	RPT	NOV Issued	1/11/2016
OTTUMWA WATER WORKS	25023	WAPELLO	IA9083012	CWS	201502122	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	6/14/2016
OUR LADY OF SEVEN DOLORS PARISH	210	WINNESHIEK	IA9637882	TNC	201501662	Nitrite (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/28/2015
OXFORD JUNCTION WATER SUPPLY	496	JONES	IA5361020	CWS	201600720	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/27/2016
OXFORD JUNCTION WATER SUPPLY	496	JONES	IA5361020	CWS	201600721	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/27/2016
OXFORD WATER SUPPLY	807	JOHNSON	IA5260017	CWS	201502145	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/24/2015
P&K MIDWEST	82	LINN	IA5758201	NTNC	201501808	Failure Maintain Microbial Treat (GWR)	28-Feb-15	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	4/19/2016
P&K MIDWEST	82	LINN	IA5758201	NTNC	201600945	Failure Maintain Microbial Treat (GWR)	31-Dec-15	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	4/19/2016
PAINE'S STEAKHOUSE	72	WASHINGTON	IA9203754	TNC	201600109	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/1/2016

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
PAINE'S STEAKHOUSE	72	WASHINGTON	IA9203754	TNC	201600739	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/1/2016
PAINE'S STEAKHOUSE	72	WASHINGTON	IA9203754	TNC	201600740	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/27/2016
PALISADES KEPLER STATE PARK - LODGE	208	LINN	IA5751946	TNC	201502271	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	10/8/2015
PALO WATER SUPPLY	1034	LINN	IA5765101	CWS	201600121	Total Trihalomethanes (TTHM)	31-Aug-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2015
PALO WATER SUPPLY	1034	LINN	IA5765101	CWS	201600122	Total Haloacetic Acids (HAA5)	31-Aug-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2015
PALO WATER SUPPLY	1034	LINN	IA5765101	CWS	201600839	Chlorine	31-Dec-15	Operations Report	RPT	Compliance Achieved	2/5/2016
PAPA'S PARADISE LLC	27	LOUISA	IA5815801	TNC	201501489	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/1/2016
PAPA'S PARADISE LLC	27	LOUISA	IA5815801	TNC	201501527	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/1/2016
PAPA'S PARADISE LLC	27	LOUISA	IA5815801	TNC	201502249	E. coli	29-Aug-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	4/1/2016
PAPA'S PARADISE LLC	27	LOUISA	IA5815801	TNC	201502043	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/1/2016
PAPA'S PARADISE LLC	27	LOUISA	IA5815801	TNC	201502190	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	4/1/2016
PAPA'S PARADISE LLC	27	LOUISA	IA5815801	TNC	201600153	E. coli	27-Sep-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	4/1/2016
PAPA'S PARADISE LLC	27	LOUISA	IA5815801	TNC	201600040	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	4/1/2016
PAPA'S PARADISE LLC	27	LOUISA	IA5815801	TNC	201600242	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/1/2016
PAPA'S PARADISE LLC	27	LOUISA	IA5815801	TNC	201600574	Coliform (TCR)	30-Nov-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/1/2016
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201501623	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/4/2015
PARNELL WATER SUPPLY	193	IOWA	IA4863029	CWS	201501900	Sodium	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2015
PATTISON SHOP	56	CLAYTON	IA2234101	NTNC	201600150	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/22/2015
PEACE REFORMED CHURCH	105	HANCOCK	IA4130802	TNC	201501061	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/6/2015
PEACE REFORMED CHURCH	105	HANCOCK	IA4130802	TNC	201600710	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/13/2016
PERFECT GAME USA	400	LINN	IA5715204	TNC	201600429	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/27/2016
PHEASANT RIDGE PRO SHOP	155	BLACK HAWK	IA0709202	TNC	201502057	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	10/27/2015
PHEASANT RIDGE PRO SHOP	155	BLACK HAWK	IA0709202	TNC	201502326	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	10/27/2015
PICTURED ROCKS METHODIST CAMP	56	JONES	IA5343413	TNC	201501630	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/1/2015
PICTURED ROCKS METHODIST CAMP	56	JONES	IA5343413	TNC	201501631	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/23/2015
PICTURED ROCKS METHODIST CAMP	56	JONES	IA5343413	TNC	201600569	Nitrate (as N)	30-Nov-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/3/2015

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
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	TNC	201600690	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	NOV Issued	1/20/2016
PINE GROVE MENNONITE SCHOOL	36	HOWARD	IA4509501	NTNC	201600788	E. coli	12-Dec-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	3/30/2016
PINE GROVE MENNONITE SCHOOL	36	HOWARD	IA4509501	NTNC	201600674	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	3/30/2016
PLOVER WATER SUPPLY	77	POCAHONTAS	IA7628047	CWS	201501510	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/11/2015
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	201502063	Chlorine	30-Jun-15	Operations Report	RPT	Compliance Achieved	5/9/2016
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	201600521	Chlorine	30-Sep-15	Operations Report	RPT	Compliance Achieved	5/9/2016
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201501250	Coliform (TCR)	30-Apr-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/29/2015
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201501440	Failure to meet a Compliance Schedule	30-Apr-15	Compliance Schedule	V/E	AO w/ Penalty	5/18/2016
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201600118	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/15/2016
QUALITY WATER, INC. #2 (K-L)	70	DUBUQUE	IA3126303	CWS	201600281	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/24/2015
QUALITY WATER, INC. #2 (K-L)	70	DUBUQUE	IA3126303	CWS	201600282	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/24/2015
REVELLE 1ST & 2ND SUBDIVISION	54	SCOTT	IA8215396	CWS	201501159	Coliform (TCR)	31-May-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/22/2015
REVELLE 1ST & 2ND SUBDIVISION	54	SCOTT	IA8215396	CWS	201501708	E. coli	28-Jun-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/22/2015
REVELLE 1ST & 2ND SUBDIVISION	54	SCOTT	IA8215396	CWS	201501429	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/22/2015
REVELLE 1ST & 2ND SUBDIVISION	54	SCOTT	IA8215396	CWS	201501578	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	7/22/2015
REVELLE 6TH & 7TH ADDITION	125	SCOTT	IA8215301	CWS	201600104	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/5/2015
RHODYS	42	DUBUQUE	IA3126203	TNC	201501056	Nitrate (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2015
RIDGEROAD DEVELOPMENT	27	EMMET	IA3218301	CWS	201600432	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/1/2015
RIDGEROAD DEVELOPMENT	27	EMMET	IA3218301	CWS	201600433	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/1/2015
RIVER ROAD GOLF CLUB	90	KOSSUTH	IA5502814	TNC	201600722	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/13/2016
RIVERTON WATER WORKS	304	FREMONT	IA3655071	CWS	201600202	Copper	30-Sep-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/20/2015
RJ THOMAS MANUFACTURING CO INC	68	CHEROKEE	IA1811102	NTNC	201600542	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	2/4/2016
ROCK FALLS LOUNGE	35	CERRO GORDO	IA1769767	TNC	201501599	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/16/2015
ROCKY NOOK ASSOCIATION, INC.	50	DELAWARE	IA2817710	TNC	201501800	Chlorine	30-Jun-15	Operations Report	RPT	Compliance Achieved	8/3/2015
ROCKY NOOK ASSOCIATION, INC.	50	DELAWARE	IA2817710	TNC	201600071	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/4/2016
ROCKY NOOK ASSOCIATION, INC.	50	DELAWARE	IA2817710	TNC	201600072	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/25/2016

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
ROCKY NOOK ASSOCIATION, INC.	50	DELAWARE	IA2817710	TNC	201600697	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/25/2016
ROCKY NOOK ASSOCIATION, INC.	50	DELAWARE	IA2817710	TNC	201600698	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/4/2016
ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201501012	Failure to Consult with DNR	27-Mar-15	Failure to Consult, GWR	RPT	Compliance Achieved	8/14/2015
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	TNC	201501807	Chlorine	30-Jun-15	Operations Report	RPT	Compliance Achieved	8/20/2015
ROMANTIX INC	204	MILLS	IA6525204	TNC	201600782	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/18/2016
ROWAN MUNI WATER SUPPLY	160	WRIGHT	IA9958004	CWS	201502000	Arsenic	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/30/2015
ROWAN MUNI WATER SUPPLY	160	WRIGHT	IA9958004	CWS	201600114	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/20/2016
ROYAL MUNICIPAL WATER UTILITIES	451	CLAY	IA2166006	CWS	201502210	Total Haloacetic Acids (HAA5)	31-Jul-15	Monitoring (DBP), Routine Major	MON	BCA Signed	9/22/2015
ROYAL MUNICIPAL WATER UTILITIES	451	CLAY	IA2166006	CWS	201502211	Total Trihalomethanes (TTHM)	31-Jul-15	Monitoring (DBP), Routine Major	MON	BCA Signed	9/22/2015
RYAN WATER SUPPLY	361	DELAWARE	IA2864013	CWS	201501124	Chlorine	31-Mar-15	Operations Report	RPT	Compliance Achieved	5/6/2015
SADDLE BRONC	52	MUSCATINE	IA7016204	TNC	201501685	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/13/2015
SAINT JOSEPH CHURCH	27	JOHNSON	IA5221801	TNC	201500893	Nitrate (as N)	31-Jan-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/16/2015
SAINT JOSEPH CHURCH	27	JOHNSON	IA5221801	TNC	201500989	Nitrate (as N)	28-Feb-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/16/2015
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201501612	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/10/2015
SALEM WATER SUPPLY	383	HENRY	IA4478023	CWS	201501891	Uranium	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/25/2015
SCATTERGOOD FRIENDS SCHOOL	100	CEDAR	IA1694562	NTNC	201600273	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2015
SCATTERGOOD FRIENDS SCHOOL	100	CEDAR	IA1694562	NTNC	201600274	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/17/2015
SCATTERGOOD FRIENDS SCHOOL	100	CEDAR	IA1694562	NTNC	201600275	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/20/2015
SCATTERGOOD FRIENDS SCHOOL	100	CEDAR	IA1694562	NTNC	201600276	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/20/2015
SCHLESWIG MUNIC WATER SUPPLY	884	CRAWFORD	IA2446029	CWS	201502212	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/8/2015
SCOTT CO PK-INCAHIAS	157	SCOTT	IA8251998	TNC	201501390	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/9/2015
SCOTT CO PK-POOL	437	SCOTT	IA8251996	TNC	201501652	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/21/2015
SCOTT CO PK-POOL	437	SCOTT	IA8251996	TNC	201501653	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/21/2015
SEARS 66 SERVICE	28	CLAYTON	IA2232201	TNC	201600505	Coliform (TCR)	30-Nov-15	MCL (TCR), Monthly	MCL	Compliance Achieved	1/27/2016
SEARS 66 SERVICE	28	CLAYTON	IA2232201	TNC	201600550	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	1/27/2016
SHELDAHL WATER SUPPLY	319	POLK	IA7778039	CWS	201600234	Nitrite (as N)	30-Sep-15	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2016

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
SHELDAHL WATER SUPPLY	319	POLK	IA7778039	CWS	201600232	Nitrite (as N)	31-Dec-15	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2016
SHELDAHL WATER SUPPLY	319	POLK	IA7778039	CWS	201600628	Nitrite (as N)	31-Dec-15	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2016
SHELDAHL WATER SUPPLY	319	POLK	IA7778039	CWS	201600891	Nitrogen-Ammonia (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/15/2016
SIDNEY WATER SUPPLY	1138	FREMONT	IA3661048	CWS	201600630	Chlorine	30-Sep-15	Operations Report	RPT	NOV Issued	10/26/2015
SILVERCREST GOLF & COUNTRY CLUB, INC.	88	WINNESHIEK	IA9630882	TNC	201600743	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/18/2016
SIRWA #1 (GREENFIELD)	1840	ADAIR	IA0140701	CWS	201501004	Total Haloacetic Acids (HAA5)	31-Mar-15	MCL (Chem-Rad), Average	MCL	Compliance Achieved	5/12/2015
SIRWA #2 (CRESTON)	18510	UNION	IA8080701	CWS	201501298	Coliform (TCR)	31-May-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/13/2015
SKYLINE SPORTSMAN CLUB	30	FREMONT	IA3671201	TNC	201500892	Coliform (TCR)	31-Jan-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/1/2015
SLABYS BAR AND GRILL	27	SCOTT	IA8270201	TNC	201500986	Coliform (TCR)	28-Feb-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/25/2015
SLABYS BAR AND GRILL	27	SCOTT	IA8270201	TNC	201600757	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/26/2016
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201500760	Radium, Combined (226, 228)	31-Mar-15	Compliance Schedule	V/E	Compliance Achieved	4/1/2016
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201600312	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	AG Case Referred	1/14/2015
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201600313	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	AG Case Referred	1/14/2015
SORBO FAMILY CAMPGROUND	36	WORTH	IA9855403	TNC	201600214	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	5/16/2016
SOUTH AMANA WATER SUPPLY	159	IOWA	IA4868034	CWS	201501468	Failure to meet a Compliance Schedule	30-Jun-15	Compliance Schedule	V/E	Compliance Achieved	11/18/2015
SOUTH AMANA WATER SUPPLY	159	IOWA	IA4868034	CWS	201501469	Failure to submit MOR (Chlorine)	30-Jun-15	Record Keeping	RPT	Compliance Achieved	5/9/2016
SOUTH AMANA WATER SUPPLY	159	IOWA	IA4868034	CWS	201501768	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/28/2015
SOUTH WINN GOLF CLUB	218	WINNESHIEK	IA9615867	TNC	201600741	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/3/2016
SOUTHPARK	31	HARDIN	IA4260601	CWS	201500755	Arsenic	31-Mar-15	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/9/2015
SOUTHPARK	31	HARDIN	IA4260601	CWS	201501117	Arsenic	30-Jun-15	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/9/2015
SOUTHWEST REG WATER DISTRICT (CLARINDA)	2569	PAGE	IA7383901	CWS	201500782	Total Trihalomethanes (TTHM)	31-Mar-15	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/28/2015
SOUTHWEST REG WATER DISTRICT (CLARINDA)	2569	PAGE	IA7383901	CWS	201500783	Total Haloacetic Acids (HAA5)	31-Mar-15	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/28/2015
SPARBOE FARMS (GOODELL)	52	HANCOCK	IA4135801	NTNC	201501251	Coliform (TCR)	30-Apr-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/29/2015
SPARBOE FARMS (GOODELL)	52	HANCOCK	IA4135801	NTNC	201502290	Chlorine	30-Jun-15	Operations Report	RPT	Compliance Achieved	12/2/2015
SPARBOE FARMS (GOODELL)	52	HANCOCK	IA4135801	NTNC	201601084	Failure Maintain Microbial Treat (GWR)	31-Dec-15	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	3/7/2016
SPARBOE FARMS (GOODELL)	52	HANCOCK	IA4135801	NTNC	201601085	Chlorine	31-Dec-15	Operations Report	RPT	Compliance Achieved	3/15/2016

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
SPARBOE FARMS INC	51	WEBSTER	IA4641163	NTNC	201501620	E. coli	30-Jun-15	Monitoring (GWR) AS, Major	MON	Compliance Achieved	8/25/2015
SPARBOE FARMS INC	51	WEBSTER	IA4641163	NTNC	201501621	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/25/2015
SPARBOE FARMS INC	51	WEBSTER	IA4641163	NTNC	201501622	E. coli	30-Jun-15	Monitoring (GWR) AS, Major	MON	Compliance Achieved	8/25/2015
SPRING VALLEY GOLF CLUB	51	KOSSUTH	IA4647201	TNC	201600713	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/5/2016
SPRING VALLEY HOMEOWNERS ASSN.	163	JOHNSON	IA5225303	CWS	201501218	Coliform (TCR)	30-Apr-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/13/2015
SPRING VALLEY HOMEOWNERS ASSN.	163	JOHNSON	IA5225303	CWS	201501755	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/5/2015
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201502051	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/15/2015
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201501753	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/15/2015
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201600580	Coliform (TCR)	30-Nov-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/19/2016
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201600767	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/19/2016
ST JOSEPHS PARISH	76	DUBUQUE	IA3126594	NTNC	201600283	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/3/2015
ST. JOHN LUTH. CHURCH (MINEOLA)	25	MILLS	IA6549801	TNC	201501639	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/6/2015
STARMONT COMMUNITY SCHOOL DISTRICT	839	CLAYTON	IA3307571	NTNC	201501375	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/9/2015
STARMONT COMMUNITY SCHOOL DISTRICT	839	CLAYTON	IA3307571	NTNC	201501376	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/9/2015
STARMONT COMMUNITY SCHOOL DISTRICT	839	CLAYTON	IA3307571	NTNC	201501377	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/9/2015
STONE CITY GENERAL STORE PUB	108	JONES	IA5307201	TNC	201501628	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/3/2015
STONE CITY GENERAL STORE PUB	108	JONES	IA5307201	TNC	201600717	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/26/2016
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201500894	Coliform (TCR)	31-Jan-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/30/2015
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201500990	Coliform (TCR)	28-Feb-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/30/2015
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201501091	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/30/2015
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201501253	Coliform (TCR)	30-Apr-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/30/2015
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201501401	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/30/2015
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201502127	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	12/18/2015
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201502244	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/18/2015
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201600141	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/18/2015
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201600438	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine	MON	Compliance	12/18/2015

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
								Major		Achieved	
STONE CREEK ESTATES	132	WASHINGTON	IA9271602	CWS	201600775	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	NOV Issued	1/27/2016
STRINGTOWN GROCERY	39	JOHNSON	IA5221208	TNC	201501254	Coliform (TCR)	30-Apr-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/5/2015
SUNNY BRAE GOLF & COUNTRY CLUB	63	MITCHELL	IA6663201	TNC	201600730	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/9/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600290	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	5/27/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600291	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	5/27/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600292	Sodium	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600293	Antimony	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600294	Arsenic	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600295	Barium	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600296	Cadmium	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600297	Chromium	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600298	Fluoride	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600299	Mercury	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600300	Selenium	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNNYSIDE VILLAGE MOBILE PARK	183	HARRISON	IA4300600	CWS	201600301	Thallium	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/28/2016
SUNRISE VILLAGE MOBILE HOME PK	340	JOHNSON	IA5200602	CWS	201502143	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/14/2015
SUNSET RIDGE WINERY	25	DUBUQUE	IA3181201	TNC	201501475	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/27/2015
SUNSET RIDGE WINERY	25	DUBUQUE	IA3181201	TNC	201502024	E. coli	11-Jul-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/20/2015
SUNSET RIDGE WINERY	25	DUBUQUE	IA3181201	TNC	201501876	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	7/20/2015
SUPER 20 MOBILE HOME PARK	236	DUBUQUE	IA3126603	CWS	201501246	Sodium	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/27/2015
TERRY WATER ASSOCIATION	25	BENTON	IA0690304	CWS	201600443	Copper	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/24/2015
TERRY WATER ASSOCIATION	25	BENTON	IA0690304	CWS	201600444	Lead	30-Sep-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/24/2015
THE AMANAS (MIDDLE/EAST/MAIN/GOLF CLUB)	1091	IOWA	IA4848901	CWS	201500912	Coliform (TCR)	28-Feb-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/23/2015
THE AMANAS (MIDDLE/EAST/MAIN/GOLF CLUB)	1091	IOWA	IA4848901	CWS	201500970	Coliform (TCR)	31-Mar-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/23/2015

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
THE AMANAS (MIDDLE/EAST/MAIN/GOLF CLUB)	1091	IOWA	IA4848901	CWS	201501898	Radium, Combined (226, 228)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2015
THE AMANAS (MIDDLE/EAST/MAIN/GOLF CLUB)	1091	IOWA	IA4848901	CWS	201501899	Gross Alpha, excluding Rn & U	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2015
THE BEARS DEN LLC	51	FAYETTE	IA3357769	TNC	201501121	Chlorine	31-Mar-15	Operations Report	RPT	NOV Issued	4/15/2015
THE BEARS DEN LLC	51	FAYETTE	IA3357769	TNC	201501803	Chlorine	30-Jun-15	Operations Report	RPT	NOV Issued	7/13/2015
THE BEARS DEN LLC	51	FAYETTE	IA3357769	TNC	201600496	Chlorine	30-Sep-15	Operations Report	RPT	NOV Issued	10/21/2015
THE BEARS DEN LLC	51	FAYETTE	IA3357769	TNC	201600844	Chlorine	31-Dec-15	Operations Report	RPT	NOV Issued	1/11/2016
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201501119	Chlorine	31-Mar-15	Operations Report	RPT	Compliance Achieved	3/31/2016
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201501709	E. coli	08-Jun-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/28/2015
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201501563	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	7/28/2015
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201501577	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	7/28/2015
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201501801	Chlorine	30-Jun-15	Operations Report	RPT	Compliance Achieved	3/31/2016
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201600494	Chlorine	30-Sep-15	Operations Report	RPT	Compliance Achieved	3/31/2016
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201600843	Chlorine	31-Dec-15	Operations Report	RPT	Compliance Achieved	3/31/2016
THE FENCE POST	35	HARRISON	IA4333201	TNC	201501427	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/6/2015
THE FENCE POST	35	HARRISON	IA4333201	TNC	201502078	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/21/2015
THE GROVE	31	JONES	IA5377727	TNC	201501064	Nitrate (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/1/2015
THE GROVE	31	JONES	IA5377727	TNC	201501065	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/1/2015
THE HEIGHTS	59	JONES	IA5343202	TNC	201501770	Failure to submit MOR	30-Jun-15	Monitoring (MOR)	RPT	Compliance Achieved	12/7/2015
THE HOP	35	JACKSON	IA4955725	TNC	201501627	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/11/2015
THE MARKET AT OAKWOOD	122	CERRO GORDO	IA1716203	TNC	201501679	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/11/2015
THE PINICON	187	CHICKASAW	IA1970203	TNC	201600068	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/7/2015
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201501398	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/15/2015
THE PLAYHOUSE THEATRE	55	MILLS	IA6525203	TNC	201502239	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/1/2015
THE TWISTED TAIL	85	HARRISON	IA4303201	TNC	201600781	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/12/2016
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201501081	Nitrate (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2015
THE ZIPPER	35	WINNESHIEK	IA9637201	TNC	201600113	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/16/2015

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
THORPE PARK-WINNEBAGO CONSERVATION	60	WINNEBAGO	IA9525901	TNC	201501660	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/11/2015
THORPE PARK-WINNEBAGO CONSERVATION	60	WINNEBAGO	IA9525901	TNC	201502025	E. coli	26-Jul-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/11/2015
THORPE PARK-WINNEBAGO CONSERVATION	60	WINNEBAGO	IA9525901	TNC	201501871	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	8/11/2015
THORPE PARK-WINNEBAGO CONSERVATION	60	WINNEBAGO	IA9525901	TNC	201600196	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/18/2015
THREE DAYS SALOON AND GRILLE	27	HARDIN	IA4213203	TNC	201501086	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/25/2015
THREE DAYS SALOON AND GRILLE	27	HARDIN	IA4213203	TNC	201600129	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/31/2015
TIMBER LAKE ESTATES HOA	83	SCOTT	IA8215306	CWS	201501396	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/24/2015
TIMBER VALLEY ESTATES (1ST & 2ND ADD)	132	SCOTT	IA8215384	CWS	201502111	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2015
TIMBER VALLEY ESTATES (THIRD ADDITION)	65	SCOTT	IA8215385	CWS	201502112	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2015
TIMBERLANE ADDITION	54	WEBSTER	IA9433336	CWS	201501142	Failure to Consult with DNR	03-Apr-15	Failure to Consult, GWR	RPT	Compliance Achieved	5/4/2015
TIMBERLANE ADDITION	54	WEBSTER	IA9433336	CWS	201600110	Nitrate (as N)	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/3/2015
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201600841	Chlorine	30-Nov-15	Operations Report	RPT	Compliance Achieved	2/1/2016
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201600703	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2016
TOGIE PUB	25	HOWARD	IA4564201	TNC	201600524	Failure to meet a Compliance Schedule	09-Oct-15	Compliance Schedule	V/E	NOV Issued	12/2/2015
TOLEDO WATER SUPPLY	2341	TAMA	IA8676027	CWS	201600978	Radium, Combined (226, 228)	30-Jun-15	MCL (Chem-Rad), Average	MCL	NOV Issued	4/26/2016
TOLEDO WATER SUPPLY	2341	TAMA	IA8676027	CWS	201600993	Radium, Combined (226, 228)	30-Sep-15	MCL (Chem-Rad), Average	MCL	NOV Issued	4/26/2016
TOLEDO WATER SUPPLY	2341	TAMA	IA8676027	CWS	201600894	Radium, Combined (226, 228)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/4/2016
TRAER GOLF & COUNTRY CLUB	42	TAMA	IA8681200	TNC	201600107	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/17/2015
TRAER GOLF & COUNTRY CLUB	42	TAMA	IA8681200	TNC	201600014	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/17/2015
TWIN RIDGE CORP (CITY OF DUBUQUE)	215	DUBUQUE	IA3126302	CWS	201600280	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/3/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501069	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/23/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501221	Xylenes	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/23/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501222	Antimony	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/30/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501223	Arsenic	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/30/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501224	Barium	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/30/2015

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
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501225	Cadmium	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/30/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501226	Chromium	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/30/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501227	Fluoride	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/30/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501228	Mercury	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/30/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501229	Selenium	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/30/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501230	Thallium	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/30/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501231	Ethylbenzene	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/23/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501915	Copper	30-Jun-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	8/6/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201501916	Lead	30-Jun-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	8/6/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600012	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	1/29/2016
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600030	Fecal Coliform	30-Sep-15	MCL (TCR), Acute	MCL	Compliance Achieved	1/29/2016
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600324	Xylenes	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/8/2016
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600325	Ethylbenzene	30-Sep-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/8/2016
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600264	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/29/2016
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600606	Lead	31-Dec-15	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	12/14/2015
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600726	Nitrate (as N)	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/1/2016
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600727	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/29/2016
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600873	Xylenes	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/8/2016
US NAMEPLATE COMPANY INC	35	LINN	IA5758101	NTNC	201600874	Ethylbenzene	31-Dec-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/8/2016
VAIL WATER SUPPLY	436	CRAWFORD	IA2452044	CWS	201501053	Coliform (TCR)	31-Mar-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/14/2015
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	201502141	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2015
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201501049	Nitrate (as N)	31-Mar-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/21/2015
VISTA HILLS WATER ASSOCIATION	39	SCOTT	IA8209359	CWS	201502110	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/22/2015
WAHKONSA COUNTRY CLUB	60	CEDAR	IA7078815	TNC	201502018	E. coli	30-Jul-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/28/2015
WAHKONSA COUNTRY CLUB	60	CEDAR	IA7078815	TNC	201502169	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/28/2015

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
WAKONSA COUNTRY CLUB	60	CEDAR	IA7078815	TNC	201501746	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/28/2015
WALDENBURG COMMUNITY WATER SYSTEM	90	IOWA	IA4802301	CWS	201600498	Radium, Combined (226, 228)	31-Dec-15	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/11/2016
WALDSCHMIDT SUBDIVISION	45	WASHINGTON	IA9260301	CWS	201600422	Coliform (TCR)	31-Oct-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/9/2015
WASHINGTON PRAIRIE LUTHERAN CHURCH	124	WINNESHIEK	IA9630809	TNC	201501661	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/28/2015
WASHINGTON PRAIRIE LUTHERAN CHURCH	124	WINNESHIEK	IA9630809	TNC	201600111	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/28/2015
WASHINGTON WATER DEPARTMENT	7266	WASHINGTON	IA9271068	CWS	201502126	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/15/2015
WATERLOO WATER WORKS	70070	BLACK HAWK	IA0790074	CWS	201600231	Nitrate (as N)	30-Nov-15	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/6/2015
WATERVILLE STORE BAR & GRILL LLC	75	ALLAMAKEE	IA0397202	TNC	201500895	Coliform (TCR)	31-Jan-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/25/2015
WATERVILLE STORE BAR & GRILL LLC	75	ALLAMAKEE	IA0397202	TNC	201500991	Coliform (TCR)	28-Feb-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/25/2015
WATERVILLE STORE BAR & GRILL LLC	75	ALLAMAKEE	IA0397202	TNC	201501402	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/18/2015
WATERVILLE STORE BAR & GRILL LLC	75	ALLAMAKEE	IA0397202	TNC	201501691	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/18/2015
WATERVILLE STORE BAR & GRILL LLC	75	ALLAMAKEE	IA0397202	TNC	201502007	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/18/2015
WAUBONSIE ST PK (BRIDLE TRAIL)	66	FREMONT	IA3600918	TNC	201501763	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/16/2015
WAUBONSIE ST PK (BRIDLE TRAIL)	66	FREMONT	IA3600918	TNC	201501845	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	9/16/2015
WAVERLY PIT LANE TRAVEL PLAZA	205	BREMER	IA0990207	TNC	201501670	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/11/2015
WAVERLY PIT LANE TRAVEL PLAZA	205	BREMER	IA0990207	TNC	201501671	Coliform (TCR)	30-Jun-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/11/2015
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201500762	Failure to submit MOR	31-Jan-15	Monitoring (MOR)	RPT	Compliance Achieved	2/3/2016
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201501116	Failure to submit Annual PWS Fee	31-Mar-15	Annual PWS Fee Submittal	STA	Compliance Achieved	7/22/2015
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201501738	Failure to submit MOR	30-Jun-15	Monitoring (MOR)	RPT	Compliance Achieved	2/3/2016
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201600212	Failure to submit MOR	30-Sep-15	Monitoring (MOR)	RPT	Compliance Achieved	2/3/2016
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201600646	Failure to submit MOR	31-Dec-15	Monitoring (MOR)	RPT	Compliance Achieved	2/3/2016
WELLMAN MUNICIPAL WATERWORKS	1408	WASHINGTON	IA9276096	CWS	201501244	Nitrite (as N)	30-Apr-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/11/2015
WENDRAM BLUFF HOMES WATER SYSTEM	68	JOHNSON	IA5225306	CWS	201501757	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	8/7/2015
WEST GRAND GOLF	54	POLK	IA2509201	TNC	201501422	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/23/2015
WESTCOTT HEIGHTS PARTS 1 & 2	63	JOHNSON	IA5225325	CWS	201501834	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/7/2015
WESTCOTT HEIGHTS PARTS 1	63	JOHNSON	IA5225325	CWS	201600156	E. coli	24-Sep-15	Monitoring (GWR) TG and	MON	Compliance	11/7/2015

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
& 2								AD, Major		Achieved	
WESTCOTT HEIGHTS PARTS 1 & 2	63	JOHNSON	IA5225325	CWS	201502160	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/7/2015
WESTCOTT HEIGHTS PARTS 1 & 2	63	JOHNSON	IA5225325	CWS	201600043	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	11/7/2015
WHISKEY CREEK (SCHAEFF)	58	WOODBURY	IA9778107	NTNC	201600487	Failure to meet Certified Operator Requirement	30-Oct-15	Certified Operator Requirement	STA	Compliance Achieved	5/16/2016
WILD CAT DEN PARK WELL 2	60	MUSCATINE	IA7048952	TNC	201501644	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/3/2015
WILD CAT DEN STATE PARK WELL-1	40	MUSCATINE	IA7048951	TNC	201501643	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/3/2015
WILD CAT DEN STATE PK-FAIRPORT STATION	100	MUSCATINE	IA7048477	TNC	201501642	Nitrate (as N)	30-Jun-15	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/3/2015
WILDWOOD ACRES ASSOCIATION	100	JONES	IA5377401	TNC	201501403	Coliform (TCR)	31-May-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/15/2015
WILDWOOD ACRES ASSOCIATION	100	JONES	IA5377401	TNC	201501771	Failure to submit MOR	30-Jun-15	Monitoring (MOR)	RPT	Compliance Achieved	11/12/2015
WILDWOOD ACRES ASSOCIATION	100	JONES	IA5377401	TNC	201600780	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/16/2015
WIND & FIRE MINISTRIES INC	59	LINN	IA5751802	TNC	201501125	Failure to meet a Compliance Schedule	20-Feb-15	Compliance Schedule	V/E	Compliance Achieved	6/5/2015
WIND & FIRE MINISTRIES INC	59	LINN	IA5751802	TNC	201600770	Coliform (TCR)	31-Dec-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/4/2016
WINDHAM BAR AND GRILL	52	JOHNSON	IA5260202	TNC	201502247	E. coli	23-Aug-15	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/3/2015
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201501884	Coliform (TCR)	31-Jul-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/31/2015
WOODBINE WATER DEPARTMENT	1464	HARRISON	IA4388034	CWS	201600864	Copper	31-Dec-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	2/2/2016
WOODBINE WATER DEPARTMENT	1464	HARRISON	IA4388034	CWS	201600865	Lead	31-Dec-15	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	2/2/2016
WOODLAND ACRES	110	WEBSTER	IA9433600	CWS	201502289	Chlorine	31-May-15	Operations Report	RPT	Compliance Achieved	12/2/2015
WOODLAND ACRES	110	WEBSTER	IA9433600	CWS	201502129	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2015
WOODLAND ACRES	110	WEBSTER	IA9433600	CWS	201502234	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/1/2015
WOODLAND ACRES OWNERS ASSOCIATION INC	57	SCOTT	IA8251301	CWS	201502115	Failure to Issue Consumer Confidence Report	31-Jul-15	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/10/2015
WOODLAND ESTATES IMPROVEMENT ASSOCIATION	59	JOHNSON	IA5280301	CWS	201501517	Coliform (TCR)	31-Jul-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/27/2016
WOODLAND ESTATES IMPROVEMENT ASSOCIATION	59	JOHNSON	IA5280301	CWS	201501784	Failure to obtain a Construction Permit	31-Jul-15	Construction Without Permit	STA	Compliance Achieved	9/10/2015
WOODLAND ESTATES IMPROVEMENT ASSOCIATION	59	JOHNSON	IA5280301	CWS	201502086	Coliform (TCR)	31-Aug-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/27/2016
WOODLAND ESTATES IMPROVEMENT ASSOCIATION	59	JOHNSON	IA5280301	CWS	201502312	Coliform (TCR)	30-Sep-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/27/2016
WOODLAND ESTATES IMPROVEMENT ASSOCIATION	59	JOHNSON	IA5280301	CWS	201600223	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/27/2016

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
WOODLAND ESTATES IMPROVEMENT ASSOCIATION	59	JOHNSON	IA5280301	CWS	201600507	Coliform (TCR)	30-Nov-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/27/2016
WOODLAND ESTATES IMPROVEMENT ASSOCIATION	59	JOHNSON	IA5280301	CWS	201600612	Coliform (TCR)	31-Dec-15	MCL (TCR), Monthly	MCL	Compliance Achieved	4/27/2016
WORD OF FAITH DOMINION CHURCH	81	WINNEBAGO	IA9545801	TNC	201600137	Coliform (TCR)	30-Sep-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/19/2015
WORTH CO INTERCHANGE 214 WATER SUPPLY	7300	WORTH	IA9855202	NTNC	201600216	Coliform (TCR)	31-Oct-15	MCL (TCR), Monthly	MCL	Compliance Achieved	11/23/2015
YMCA CAMP WAPSIE	204	LINN	IA5722422	TNC	201501299	Coliform (TCR)	31-May-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/28/2015
YMCA CAMP WAPSIE	204	LINN	IA5722422	TNC	201501140	Coliform (TCR)	30-Jun-15	MCL (TCR), Monthly	MCL	Compliance Achieved	7/28/2015
ZEARING WATER DEPARTMENT	554	STORY	IA8590041	CWS	201502228	Total Haloacetic Acids (HAA5)	31-Jul-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/5/2015
ZEARING WATER DEPARTMENT	554	STORY	IA8590041	CWS	201502229	Total Trihalomethanes (TTHM)	31-Jul-15	Monitoring (DBP), Routine Major	MON	NOV Issued	10/5/2015
ZIEGLER CAT (MASON CITY)	49	CERRO GORDO	IA1750203	TNC	201500784	Coliform (TCR)	28-Feb-15	MCL (TCR), Monthly	MCL	Compliance Achieved	3/9/2015
ZIEGLER CAT (MASON CITY)	49	CERRO GORDO	IA1750203	TNC	201501115	Failure to meet a Compliance Schedule	31-Mar-15	Compliance Schedule	V/E	Compliance Achieved	4/24/2015
ZIEGLER CAT (MASON CITY)	49	CERRO GORDO	IA1750203	TNC	201501162	Coliform (TCR)	31-May-15	MCL (TCR), Monthly	MCL	Compliance Achieved	6/16/2015
ZIEGLER CAT (MASON CITY)	49	CERRO GORDO	IA1750203	TNC	201502245	Coliform (TCR)	31-Aug-15	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/21/2015