

State of Iowa Public Drinking Water Program 2023 Annual Compliance Report



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

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Iowa Department of Natural Resources
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New water treatment plant constructed primarily in 2022

Introduction

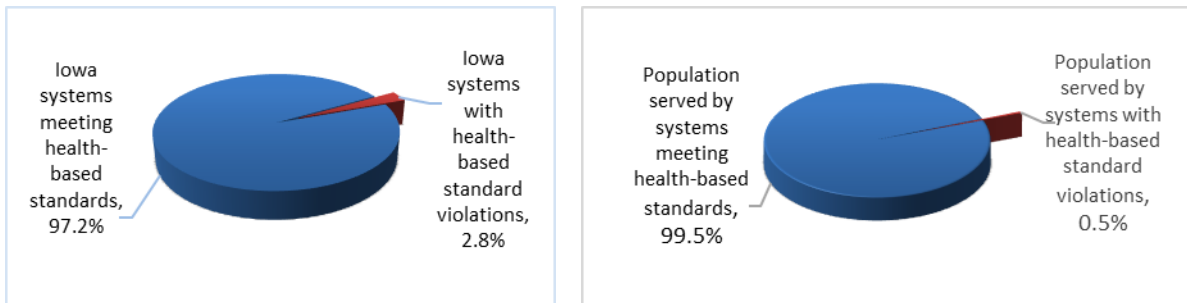
The Iowa Department of Natural Resources (DNR) administers the Public Drinking Water Program in Iowa under delegation of authority from the United States Environmental Protection Agency (EPA). The 1996 re-authorized Safe Drinking Water Act (SDWA) requires that each state that has been granted primary implementation authority prepare an annual report on violations of national primary drinking water regulations within the state, make the report readily available to the public, and submit it to the EPA. This report fulfills this responsibility in Iowa for the 2023 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.

2023 Report Highlights

Iowa’s inventory of public water supply (PWS) systems was 1,834, a slight decrease from 2022. The percentage of systems in compliance with all health-based standards in 2023 was 97.2%, while the percentage of population served by systems compliant with all health-based standards was 99.5%. Major monitoring and reporting requirements were met by 80.4% of systems. The percentage of population served by systems in compliance with the major monitoring and reporting requirements was 92.4%.

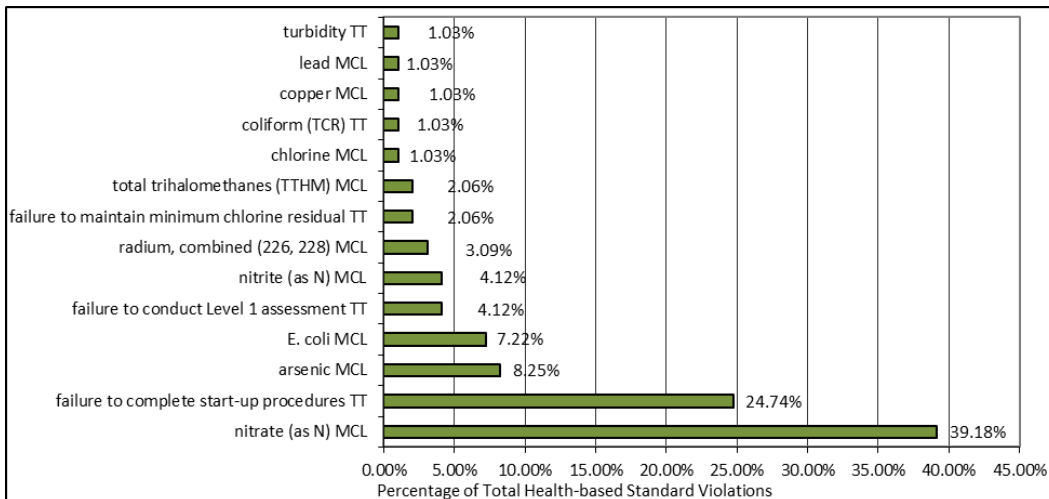
Compliance with Health-Based Standards

No waterborne diseases or deaths were reported from Iowa PWSs in 2023. Of the nearly 3.07M people served by Iowa’s PWSs, over 3.05 million people regularly received water from systems meeting all health-based drinking water standards.



Health-based drinking water standards were met by 97.2% of the 1,834 regulated PWSs. There were 52 PWSs that had 97 violations of a health-based drinking water standards, maximum residual disinfectant level, treatment technique, or action level.

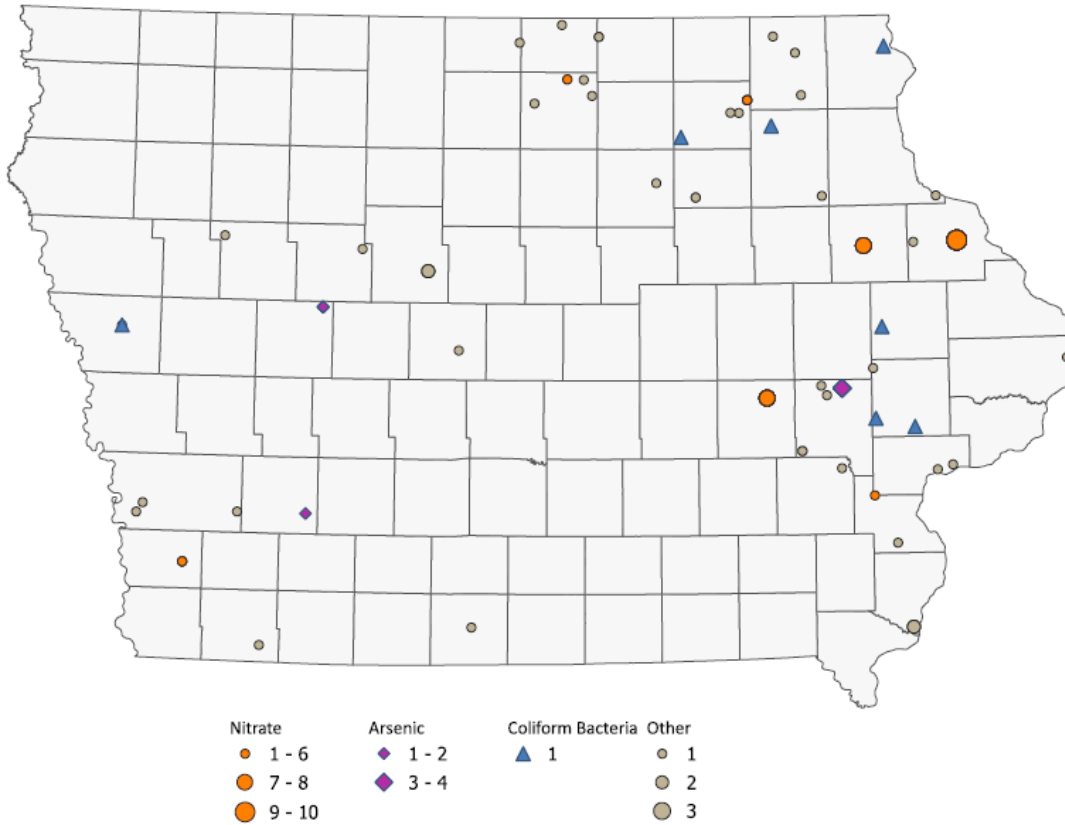
Nine regulated contaminants were found at levels that exceeded the health-based standards during 2023, and five treatment techniques were not met. The standards are shown in the chart on the following page, along with the percentage each contributed to the total number of health-based standard violations.



2023 Health-based Standard Violations Map

The map below depicts the health-based standard violations that occurred in 2023 at Iowa's PWSs, with the number of violations denoted by size of the marker. Three common violations are shown separately; the remaining violations are grouped together as "other."

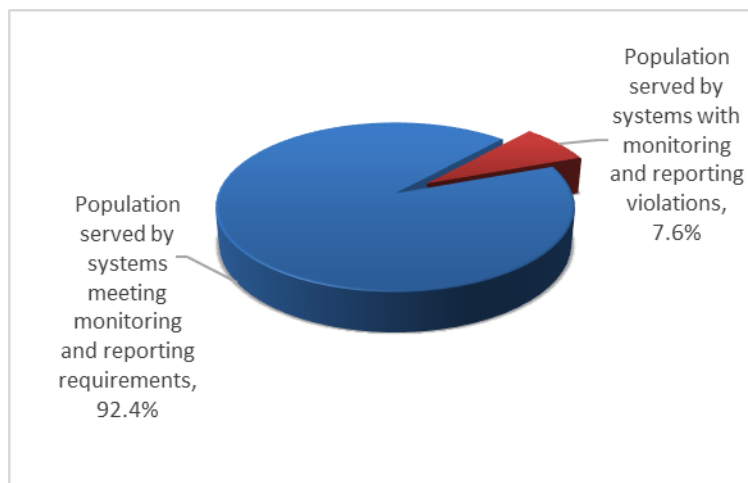
Health-Based Standard Violations at Iowa Public Water Supplies in 2023



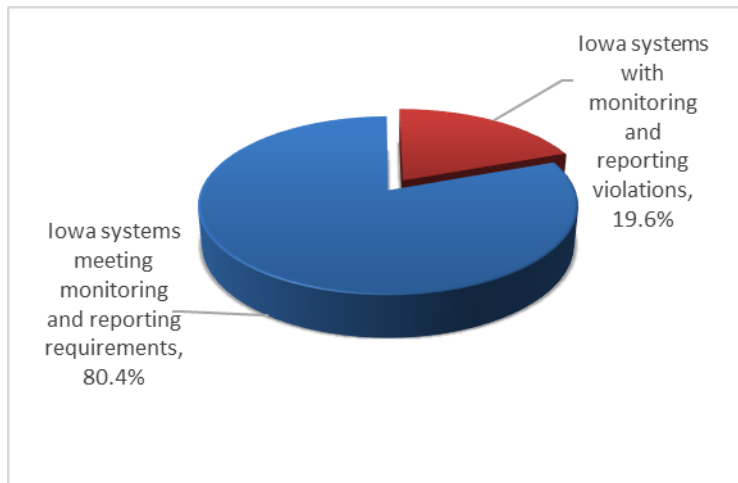
Compliance with Monitoring & Reporting Requirements

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

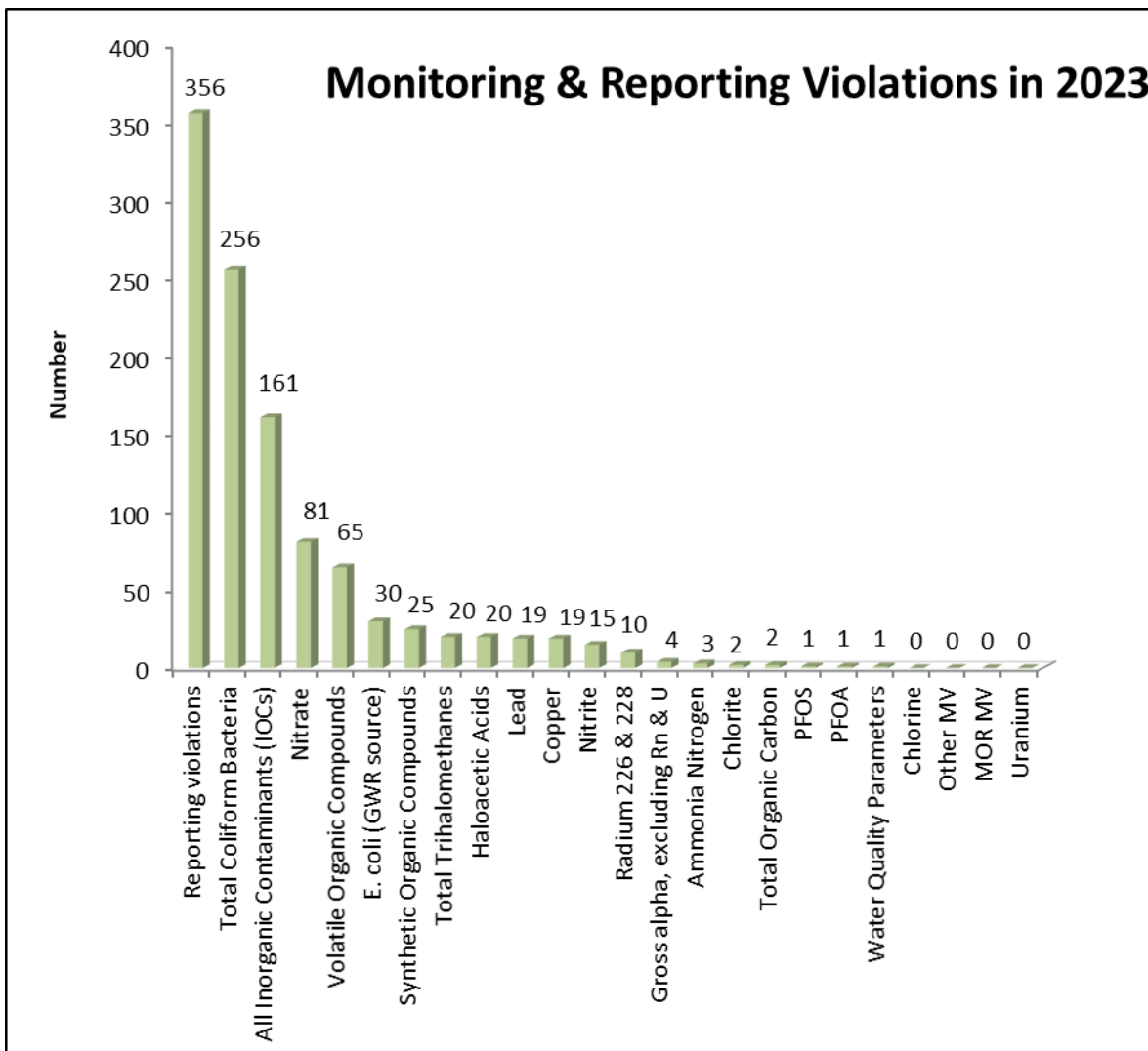
Over 2.83 million people regularly received water from Iowa systems that complied with all major monitoring and reporting requirements.



Major monitoring and reporting requirements were met by 80.4% of the 1,834 regulated PWSs.



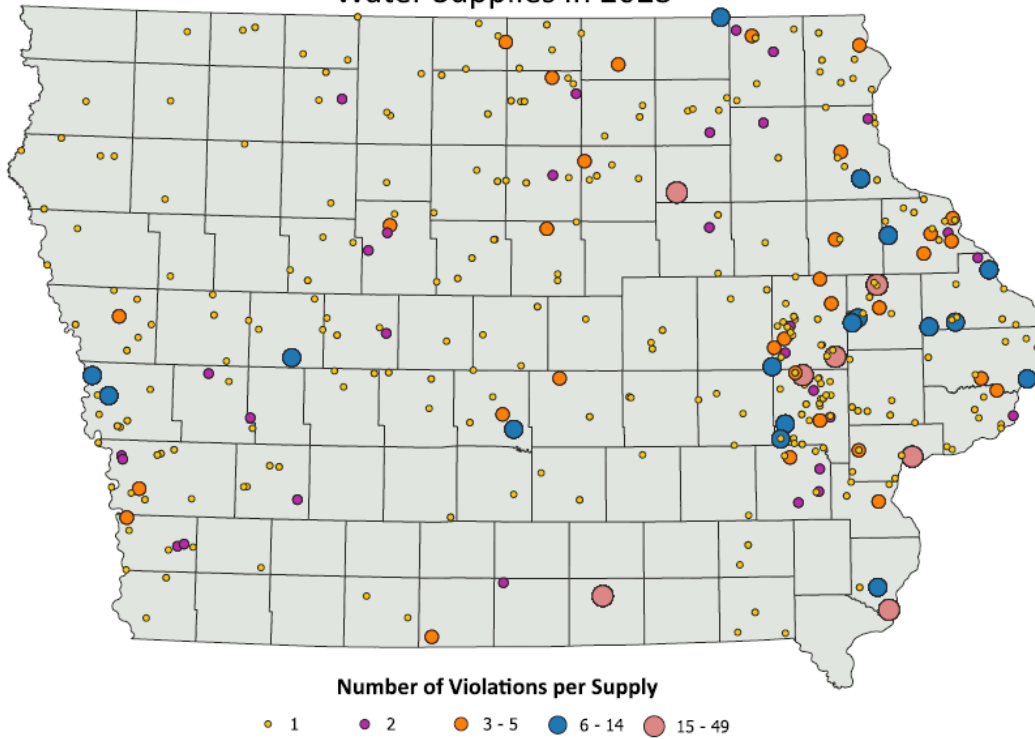
There were 596 major monitoring violations in 2023 at 251 systems. At least one reporting violation was incurred by 188 systems, for a total of 356 reporting violations. The monitoring and reporting violations are shown on the following chart, along with the number each contributed to the total number of monitoring and reporting violations.



2023 Major Monitoring and Reporting Violations Map

This map depicts the systems in Iowa that incurred a major monitoring or reporting violation in 2023. The system that incurred the most monitoring/reporting violations in 2023 had 49 monitoring/reporting violations.

Major Monitoring and Reporting Violations at Iowa Public Water Supplies in 2023



New water treatment plant building with aerator



Water treatment plant pumps

The National Public Drinking Water Program: An Overview

The EPA established the Public Water System Supervision Program (PWSSP) under authority of the 1974 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 PWSs. These limits are known as maximum contaminant levels (MCLs) and maximum residual disinfectant levels (MRDLs).
- Because certain contaminants are difficult to measure, EPA establishes treatment techniques (TTs) or action levels in lieu of MCLs to control unacceptable levels of those specific contaminants in public drinking water.
- EPA specifies how often systems must monitor for contaminants and requires those monitoring results be reported to the state. Generally, the larger the population, the more frequent the monitoring and reporting requirements.
- EPA requires systems to notify the public they serve when violations of the drinking water regulations occur. Public notification must include a clear and understandable explanation of the nature of the violation, potential adverse health effects resulting from the violation, steps the system is taking to correct the violation, and the availability and necessity of using alternative water supplies until the violation is corrected.
- EPA also has requirements for certification of water distribution and water treatment operators, environmental laboratory certification, and development of systems' technical, financial, and managerial capacity, to ensure that systems are properly operated.

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

The SDWA allows States and Territories to seek EPA approval to administer their own PWSSP, 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 PWSSP within those two jurisdictions.

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

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

The Iowa DNR Drinking Water Program Components

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

On-Site Inspection

- Conducts site surveys for well and treatment facility placement.
- Along with contracted county health departments, inspects every PWS 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.
- Provides assistance to PWSs 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.
- Prepares violation notices, compliance schedules, and enforcement actions.

Construction Permitting

- Issues construction permits for projects.
- Reviews preliminary engineering reports and viability assessments.
- 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.
- 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.
- Renews certification every two years of operators that earn continuing education units.

Environmental Laboratory Certification

- Certifies commercial and municipal laboratories that analyze compliance samples under the SDWA.
- Ensures that environmental analytical compliance data generated for the DNR are scientifically valid and defensible, and are of known and acceptable precision and accuracy.
- 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.
- If there are more requests than funding, scores and ranks applications based on whether the projects addresses health risks, rule compliance, and infrastructure needs, including criteria for loan eligibility.
- During SFY 2023, the DWSRF signed loan commitments totaling over \$96 million. This included 28 construction loans (\$77 million) and 29 Planning and Design loans (\$19 million). Each loan amount ranged from \$25,000 to over \$12 million.

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

Capacity Development

The DNR continues to implement a capacity development strategy to improve the financial, technical, and managerial capabilities of all PWSs. 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 2023 Report to the Governor on Iowa's Drinking Water Capacity Development Program can be found on our [Drinking Water Capacity Development program web page](#). The DNR 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 33,505 people as of June 2023.

Area Wide Optimization Program (AWOP)

In this reporting year, Iowa's AWOP team members participated in quarterly AWOP meetings as well as the National AWOP meeting in Cincinnati, OH. One AWOP team member also participated in a training Comprehensive Performance Evaluation (CPE) hosted by the Kansas Department of Health and Environment. This was a microbial focused CPE event. Continued participation in these events offers valuable exposure and experience that can be applied to Iowa's program.

Team members continued to assist in the development of a comprehensive Surface Water Treatment Training program through a contract with Process Applications, Incorporated (PAI). The format of the modules consists of two days with the first day being in classroom learning and the second day in plant exercises. This training program integrates various optimization concepts related to operation, special studies and data integrity. In previous years, Module 1 (regulation), Module 2 (rules), Module 3 (flocculation) and Module 4 (filtration) were completed and piloted. In this reporting period, Module 5 (disinfection) was completed and piloted.

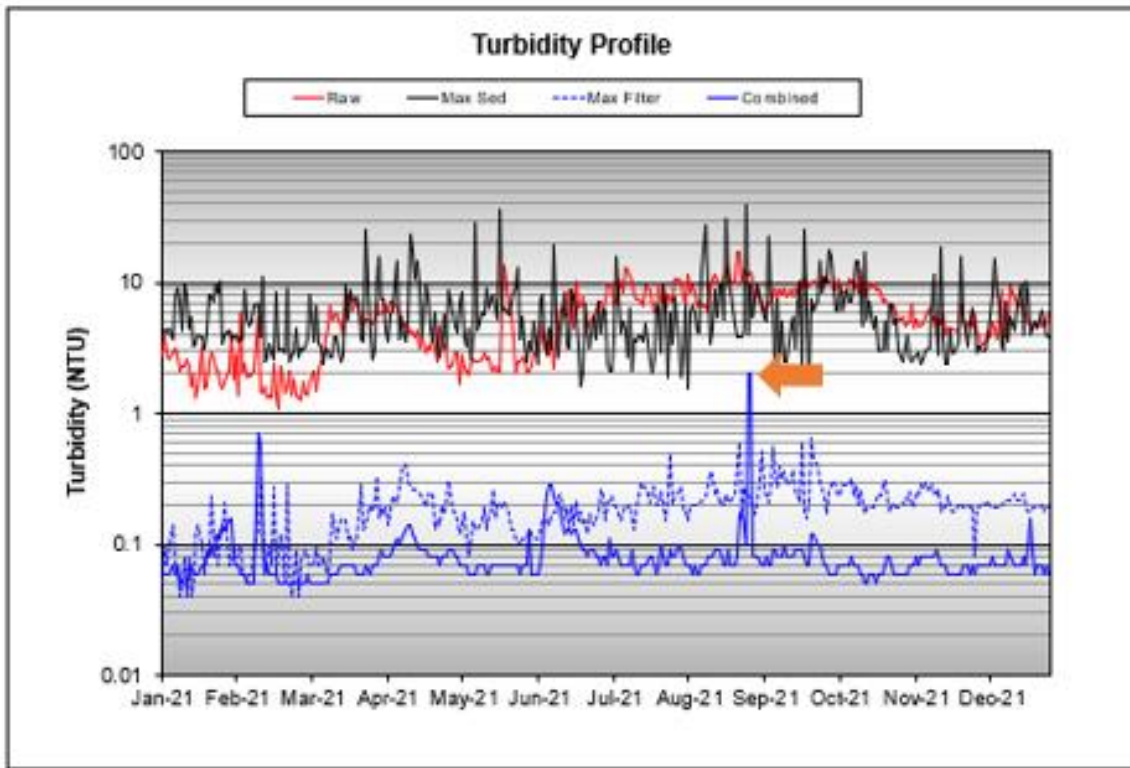
In November, the AWOP team delivered a Disinfection Data Integrity workshop at the Iowa City Water Treatment Plant. The event was attended by over 20 DNR Water Supply staff and operators from the host plant. The event utilized concepts from the Module 5 Surface Water Treatment Training.

The City of Osceola experienced severe drought and critically low water levels in their surface water source, West Lake, through and beyond Fall of 2023. Several unique long term and short-term solutions, including indirect wastewater reuse, were presented. The AWOP quarterly meetings and national network offered technical perspectives on alternatives rarely, if ever, presented in Iowa.

Presentations were delivered by team members on Instrument Data Integrity at Iowa Association of Municipal Utilities' Advanced Water Treatment Workshop as well as an EPA 4-State meeting on the various ways Iowa has integrated AWOP into our drinking water program.

Data from the Monthly Operating Reports (MORs) of Iowa's surface water treatment plants was entered into the AWOP Optimization Assessment Software (OAS) through 2022. This information is utilized to evaluate plant performance relative to AWOP goals and encourage optimization. These tools are also valuable in detecting data integrity issues. For

example, review of recent MOR/OAS data indicated two consecutive days in which a plant reported a CFE of 2.0 NTU. Upon further review, the MOR did note that the system had been doing work on some valves in the plant which caused the spike. So, the spikes were ultimately invalidated. However, the OAS review brought to light a possible data integrity issue of data capping. This can be seen in the associated graphics below. The AWOP team shared this data with the Field Office for further investigation. This example continues to underscore the value of the AWOP program and ongoing data integrity efforts.



Annual Data	Avg NTU	Min NTU	Max NTU	REQ	95% NTU	Opt Goal % Values	Req. % Values
Raw Turbidity	5.7	1.1	17.1	n/a	10.7	n/a	n/a
Max Settled Turbidity	6.2	1.6	38.4	0.02	15.3	1.6	n/a
Max Filtered Turbidity	0.19	0.04	0.65	0.01	0.34	16.2	n/a
Combined Filtered Turbidity	0.09	0.05	2.00	0.00	0.14	88.5	98.99

Looking forward to 2024, the AWOP team is planning to continue to invest in data integrity. A second data integrity training event is in the planning stages for 2024. Iowa is also moving forward with the development of an AWOP awards program that would recognize those systems that actively participate in Iowa’s AWOP program.

Source Water Protection

The first step in a multiple-barrier approach to drinking water protection is preventing contamination of drinking water sources. The source water delineation and contaminant source inventory assessments (Phase 1 plans) for new public water sources continued in 2023, which the systems may then use to develop their system-specific source water protection plans (Phase 2 plans). Four systems had their system-specific source water plans approved in 2023: Wapello Rural Water, Lake Panorama, Wesley, and Rathbun.

Technical Assistance Contracts

The DNR 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 PWS

A PWS 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 PWS would be a well serving a farmstead or rural home with 6 residents, which is considered to be a private water supply.

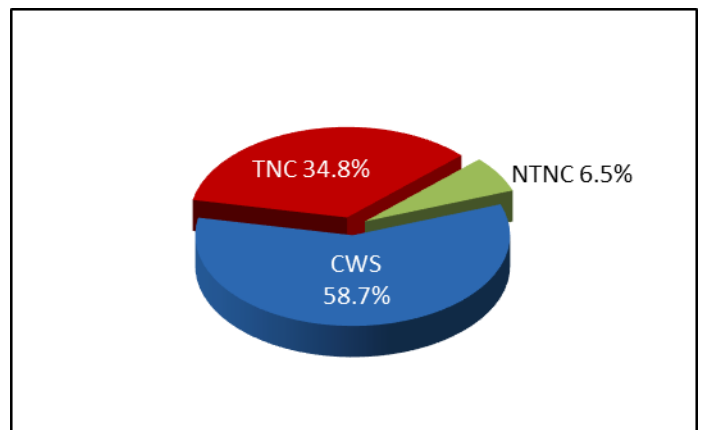
A PWS is further classified as a community water system, a non-transient non-community system, or a transient non-community system.

- 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.

PWSs in Iowa

Number of Systems and Population Served

In 2023, over 2.95 million Iowans were served by community PWSs, or 92.6% of the total state population (compared with the 2020 census of 3,190,369), with the remaining 7.4% of the population served by private water supplies at their residences. Iowa's 1,834 PWSs in 2023 included 1,076 CWSs, 119 NTNCs, and 639 TNC systems. The map depicting all of Iowa's active PWSs in 2023 is shown on the next page.

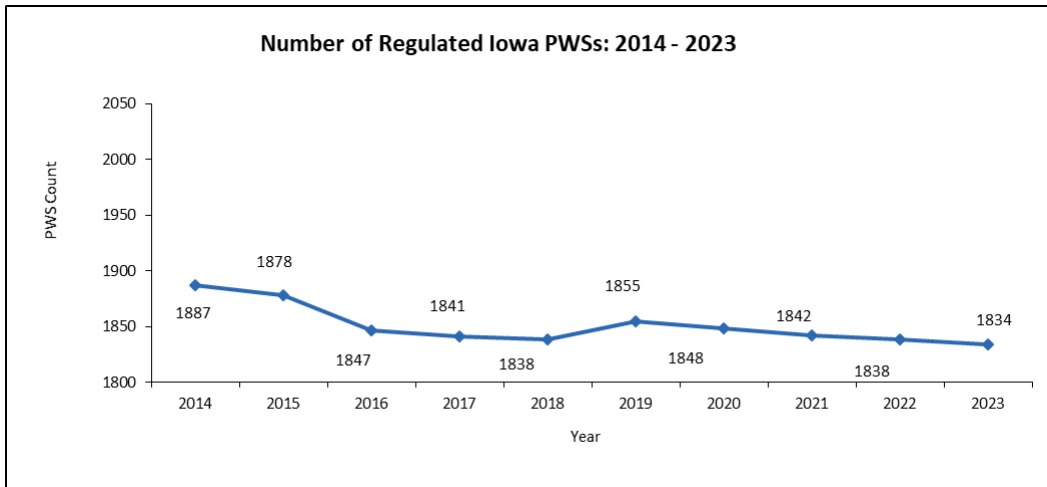


System Size

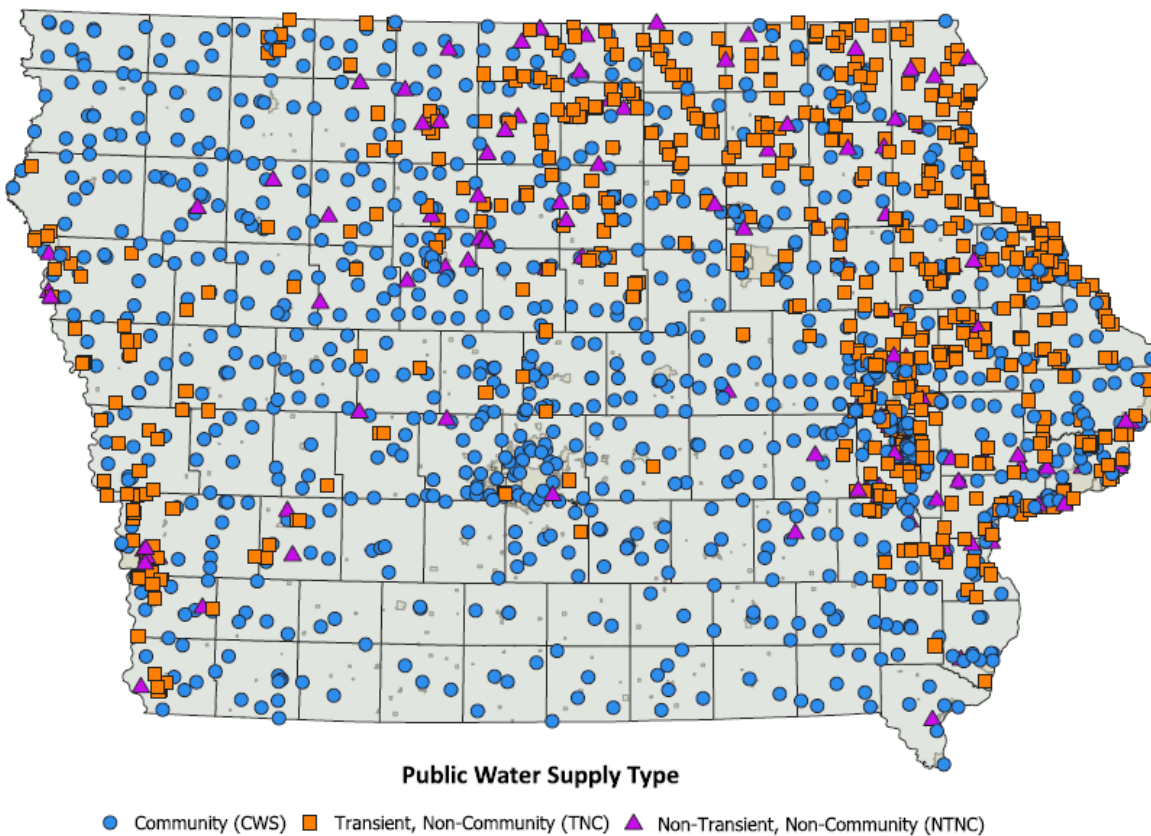
Iowa is a small-system state, as indicated in the following table, with 92.4% of our systems each serving fewer than 3,300 people.

Population Served	EPA Classification	Number of Iowa PWS	Percentage of Total Number of PWS	Total PWS Population Served
25 - 500	Very Small	1289	70.3	182,250
501 - 3,300	Small	406	22.1	497,973
3,301 - 10,000	Medium	90	4.9	504,961
10,001 - 100,000	Large	46	2.5	1,350,181
Over 100,000	Very Large	3	0.2	534,263
Total		1,834	100.0	3,069,628

In 2023, the number of PWSs in Iowa slightly decreased from 2022. Any system that was active for a single day during the year is included in that year's total.



Active Public Water Supplies In 2023



System Source Water

Iowa's drinking water is obtained from three sources:

- Groundwater from deep or shallow wells,
- Surface water from rivers, lakes, and reservoirs, and
- Groundwater that is under the direct influence of surface water as determined through testing by the presence of insects, bacteria, algae, pathogens, and/or significant and relatively rapid shifts in physical and chemical water characteristics.

Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are the most vulnerable to contamination, followed by influenced groundwater systems. Systems using surface water or influenced groundwater sources have more complex operational

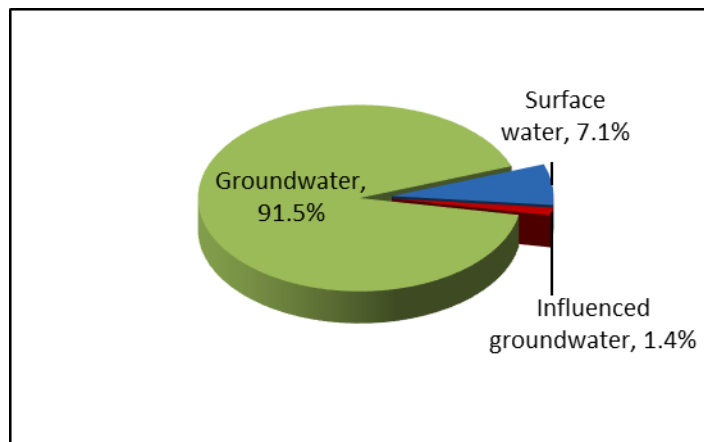
and monitoring requirements than do groundwater systems, because of the greater treatment requirements of their source water.

As indicated in the following table, 92% Iowa's systems are served by groundwater sources, which serve 54% of the population. Surface water and influenced groundwater sources are used in the remaining 8% of systems, and serve 46% of the population.

Source of Water	Number of PWS	Percentage of Total PWS	Percentage of Total Population Served
Surface water	130	7.09	37.3
Influenced Groundwater	25	1.36	9.0
Groundwater	1,679	91.55	53.7

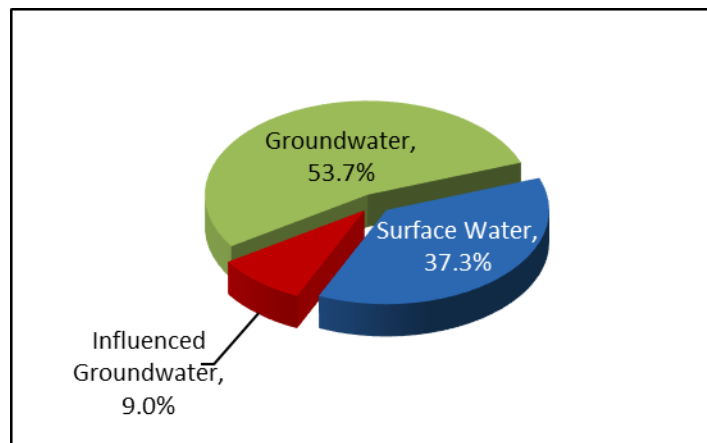
System Source Water in Iowa

Most of Iowa's PWSs 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 PWSs. The more populated areas of the state are generally served by surface water or influenced groundwater sources.



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

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

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

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

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

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

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

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

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

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

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

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

Nitrate and Nitrite - 567 IAC 41.3

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

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

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

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

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

Chlorine Dioxide - 567 IAC 41.6

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

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

Acute MRDL: The MRDL for chlorine dioxide is 0.8 mg/L as ClO₂, and only applies to those systems using chlorine dioxide in their treatment processes. An acute MRDL occurs when too much of the chlorine dioxide is applied during the treatment process at the treatment plant.

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

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

Contaminants posing a long-term risk to human health ("chronic" or "non-acute")

Inorganic Chemicals - 567 IAC 41.3 (not including lead & copper)

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

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

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

- For systems collecting a sample every month or quarter, compliance with the MCL is determined using a running annual average.

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

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

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

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

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

Organic Chemicals - 567 IAC 41.5 and 41.6

Organic chemicals are classified as a volatile organic chemical (VOC) or a synthetic organic chemical (SOC).

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

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

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

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

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

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

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

Radionuclides - 567 IAC 41.8

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

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

Health Effects: Radionuclide contaminants may cause cancer.

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



Map courtesy of Iowa Geological Survey

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

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

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

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



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

Action Level and Treatment Technique Requirements

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

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

Action Level (AL) Requirements

Lead/Copper Action Levels - 567 IAC 41.4

Action Level Exceedance: Lead and copper are regulated by action levels (AL) rather than MCL standards. Compliance with the AL is based upon the number of samples collected. The lead AL 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 AL 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 AL at the 90th percentile is exceeded for either lead or copper, it represents a long-term risk to health.

Source of Contamination:

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

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

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

Compliance Achieved: A system is returned to compliance when the sample results for two 6-month compliance periods are below the ALs 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 AL before the violation is considered to be compliance achieved.

Treatment Technique Requirements (TT)

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

Total Inactivation CT Ratio - 567 IAC 43.5

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

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

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

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

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

Disinfection Byproduct Precursor Removal - 567 IAC 43.6

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

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

Violation: A system incurs a TT violation when the precursor removal percentage is insufficient and an alternative compliance criterion 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 PWSs 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 TT violation when there is a failure in the 4-log virus inactivation treatment or when a significant deficiency in the system is not addressed and corrected within the specified timeframes.

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

Mandatory Treatment - 567 IAC 43.2(5)

A system may be required to use a specific treatment process in order to comply with the MCL for a given contaminant, such as arsenic, coliform bacteria, fluoride, nitrate, or radionuclides. Failure to use that treatment on a continuous basis or as otherwise required in the system's operation permit, is a TT 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 TT violation when the required treatment is not used.

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

Residual Disinfectant (minimum) - 567 IAC 43.5

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

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

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

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

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

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

This rule establishes criteria under which water systems supplied by surface water (SW) or groundwater under the direct influence of surface water (IGW), must filter and disinfect the water during the treatment process. These required TTs 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, TTs 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 TT is a treatment process that leads to a reduction in the level of a contaminant sufficient to meet drinking water standards. Examples of treatment techniques for SW/IGW systems are turbidity removal, maintenance of an adequate disinfectant residual, and sufficient disinfectant contact time.

Total Coliform Bacteria - 567 IAC 41.2(1)

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

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

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

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

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

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

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

Turbidity - 567 IAC 43.5, 43.9, and 43.10

Treatment Technique: All SW/IGW systems, regardless of size, must meet the TTs 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 TTs 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 TT violation when either standard is exceeded in any month.

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



High capacity pumps



New well, not yet in service

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

Approximately 3.06 million people received water served by Iowa PWSs in 2023 that complied with all health-based standards, including MCL, MRDL, AL, and TT standards. In 2023, 99.5% of the population served by community PWSs received water that met all drinking water standards adopted by the department, and 97.2% of community PWSs met all drinking water standards.

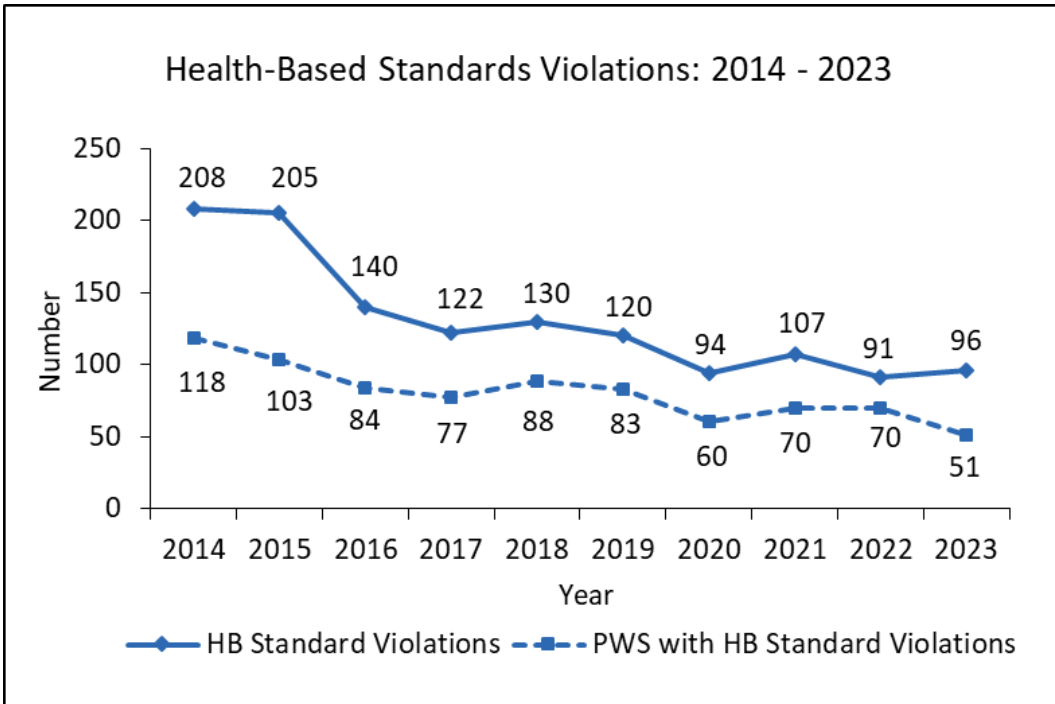
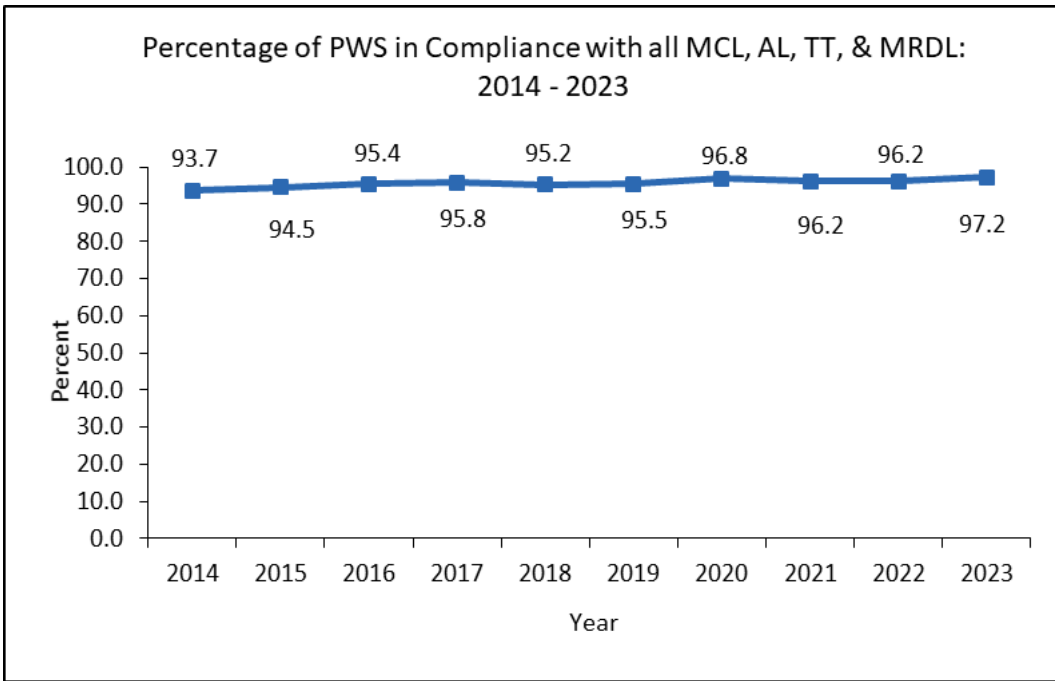
Of the 1,834 regulated PWSs in Iowa, 97.2% were in compliance with all MCL, MRDL, AL, and TT standards. There were 51 PWSs that had at least one violation of an MCL, AL, MRDL, or TT standard. There were 96 violations of ten contaminants and four TTs in 2023, as indicated in the following table. The most frequent standard that was not met in Iowa in 2023 was failure to meet the Nitrate MCL.

Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2023	System Population*
Arsenic	3	8	8.25	285	508
Chlorine	1	1	1.03	Not Applicable	60
Copper	1	1		4,716	95
Escherichia coli Bacteria	7	7	7.22	31,548	1346
Failure to Conduct Level 1 Assessment (RTCR) TT	5	5	5.15	Not applicable	320
Failure to conduct Start-up Procedures (RTCR) TT	19	23	24.74	Not applicable	2466
Lead	1	1	1.03	4,717	802
Minimum Disinfectant Residual	2	2	2.06	Not applicable	793
Nitrate nitrogen	7	38	39.18	3,601	528
Nitrite nitrogen	3	4	4.12	1,822	511
Radium 226 & 228	1	3	3.09	190	395
Total Trihalomethanes	2	2	2.06	1,801	4724
Turbidity TT	1	1	1.03	Not applicable	1822
Total:	53**	96	100%		14,370**

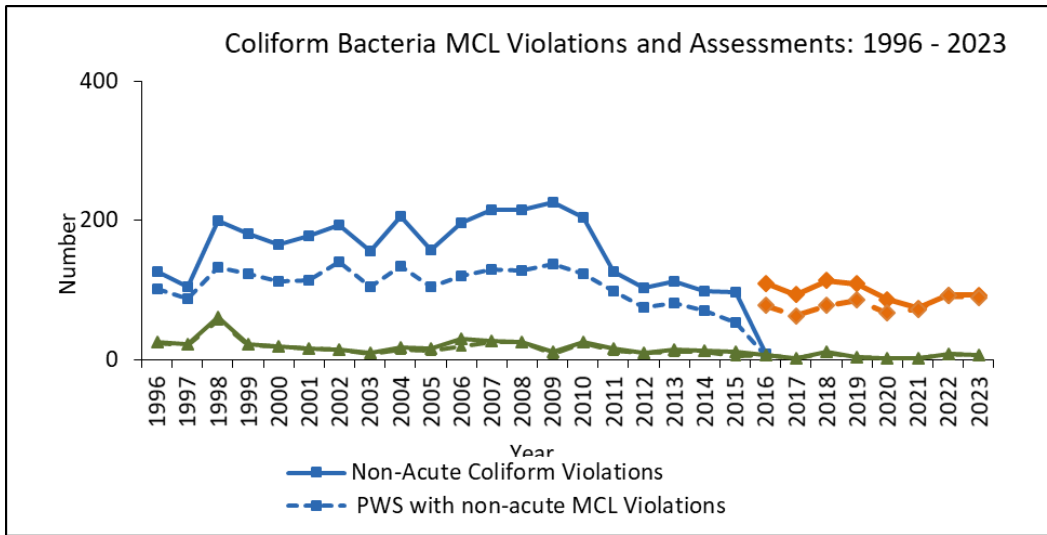
*The population for a system with multiple violations in a single category was only included once in this total.

**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 PWSs in compliance with all health-based standards is slightly higher than last year, as shown in the following chart. The average compliance rate over the ten-year period is 95.6%.

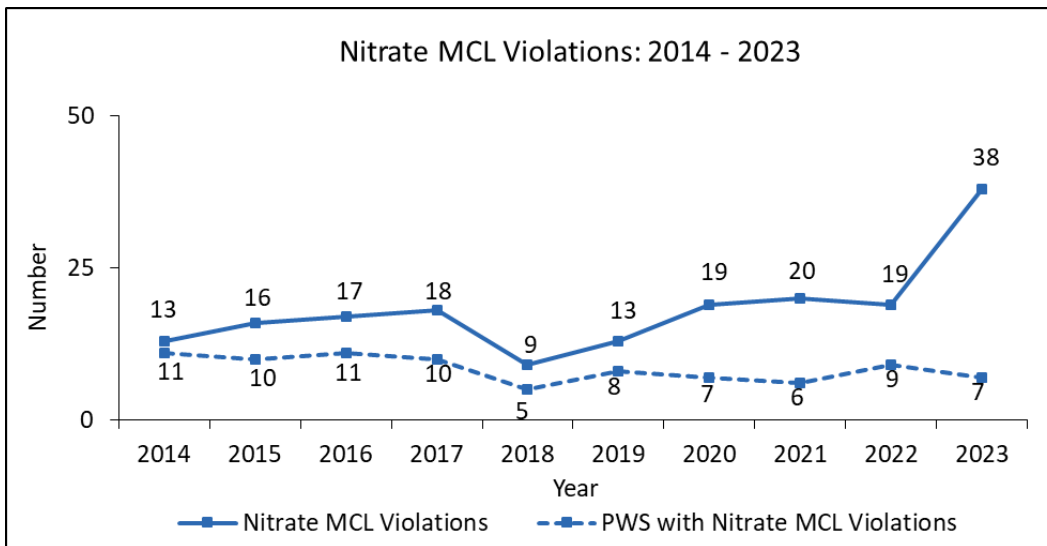


This is the seventh full year that the Revised TCR (RTCR) was in effect, and there were two types of RTCR TT violations that resulted in 27 TT violations at 23 systems: 19 seasonal systems failed to complete their start-up procedures (including a bacteria-free compliance sample) before they opened to the public, and 4 systems failed to conduct the required Level 1 Assessment and incurred 4 TT violations. The Level 1 Assessment replaces the former TCR's non-acute coliform bacteria MCL violation. If a system conducts the required Level 1 Assessment under the RTCR, there is no violation. Failure to conduct the Level 1 Assessment within the required timeframe results in a TT violation.

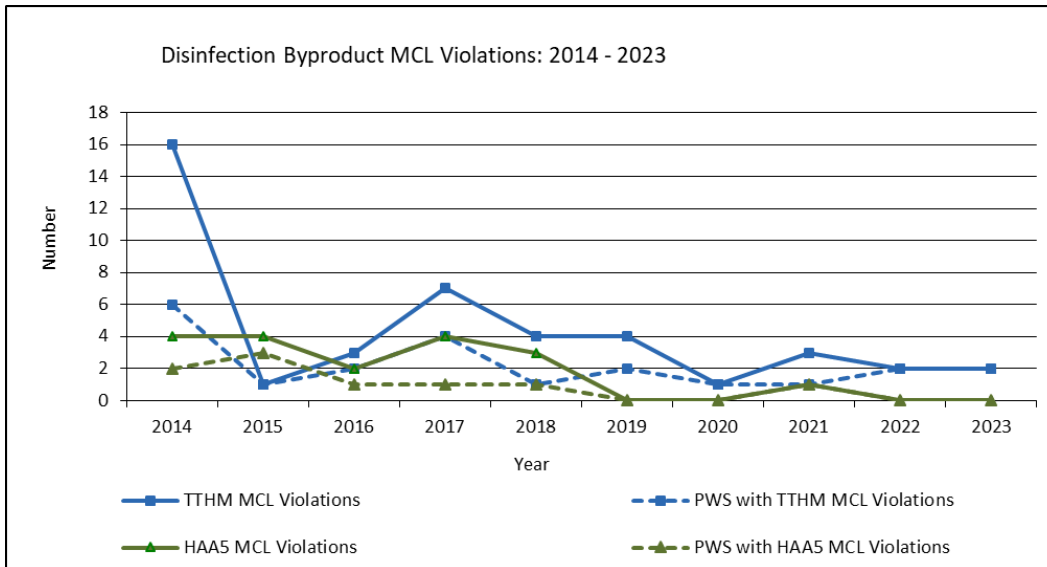


Effective April 1, 2016, the non-acute coliform bacteria MCL violation under the TCR was replaced under the RTCR with Level 1 and/or Level 2 Assessments, which are not violations. If the required Level 1 and 2 Assessments are included, the numbers are similar between the previous seven years.

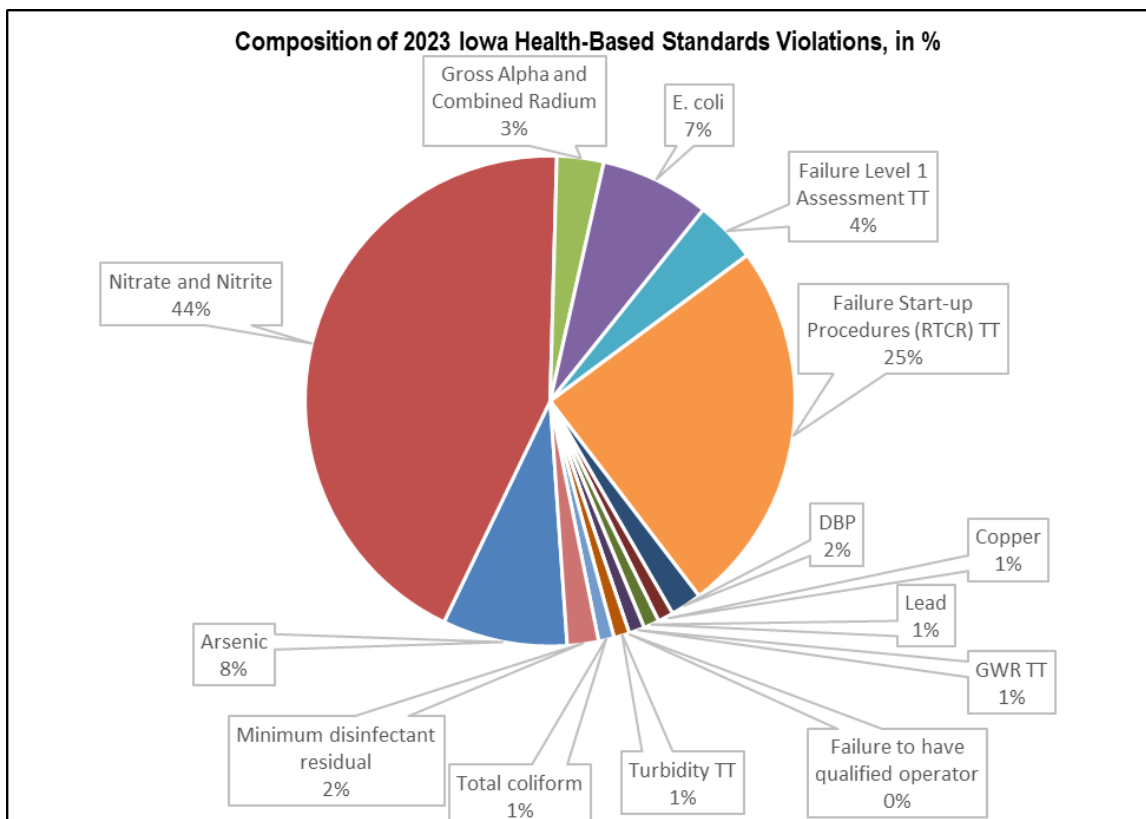
In 2023, the number of nitrate MCL violations increased while the number of systems with violations decreased from 2022. In 2023, 68% of the nitrate MCL violations occurred at three systems, accounting for the majority of increase in violation number. These systems have all subsequently installed additional treatment or developed new sources in order to remediate the problem.



Under the federal Stage 1 Disinfectants/Disinfection Byproducts Rule (DBPR), large systems were required to start monitoring for disinfection byproducts in 2002, with medium and small systems starting in 2004. Usually a system monitors for a year before an MCL violation can occur, so the first violations began respectively in 2003 and 2005. After peaking in 2005, systems implemented various techniques to reduce the levels of disinfection byproducts formed in the distribution systems. In the last quarter of 2012, the Stage 2 DBPR compliance monitoring calculation changed for the largest system category from a system-wide running annual average to a locational running annual average. The remaining three categories of systems were phased into the new compliance calculation by the second quarter of 2014, and there were increased numbers of violations under the new compliance calculation method. In 2023, there were two systems that had two total trihalomethanes violations.



In 2023, violations of the of the Nitrate and Nitrite MCLs are the largest proportion of health-based standard violations.



Major Monitoring & Reporting Violations

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

Monitoring Guidelines by Rule

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

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

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



New filters waiting to be installed

Major Monitoring and Reporting (M/R) Violation Data

Over 2.88 million people received water served by Iowa's systems that met the major monitoring and reporting requirements. Of the 1,834 regulated PWSs in Iowa, 80.4% (1,475 PWSs) were in compliance with all major monitoring and reporting requirements. There were 359 PWSs serving a total population of 234,714 that incurred 952 major monitoring and reporting violations in 2023. The DNR assigns violations by contaminant for each system, which can result in a single system incurring several monitoring violations.

Listed below are the contaminants with a major monitoring violation or a reporting violation in 2023. 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	3	3	1,724
Antimony	1	1	4,570
Arsenic	1	1	4,570
Barium	1	1	4,570
Beryllium	1	1	4,570
Cadmium	1	1	4,570
Chlorite	1	2	2,104
Chromium	1	1	4,570
Copper	18	19	12,075
Cyanide	1	1	4,570
E. coli (GWR source)	24	30	2,585
Fluoride	1	1	4,570
Gross alpha, excluding Rn & U	4	4	31,561
Haloacetic Acids	20	20	11,207
Lead	18	19	12,075
Manganese	9	9	6,070
Mercury	1	1	4,570
Metals	36	66	58,669
Nitrate	58	81	22,150
Nitrite	13	15	45,795
PFOA	1	1	3,130
PFOS	1	1	3,130
Radium 226 & 228	8	10	36,144
Selenium	1	1	4,570
Sodium	2	2	5,081
Synthetic Organic Compounds	3	25	32,139
Thallium	1	1	4,570
Total Coliform Bacteria	146	256	28,983
Total Organic Carbon	1	2	2,104
Total Trihalomethanes	20	20	11,207
Volatile Organic Compounds	6	65	32,810

Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
Water Quality Parameters	1	1	237
Monitoring Total:	251*	596	197,480*
Reporting			
Failure to conduct PN	120	255	24,468
Failure to consult with DNR (GWR)	1	1	3,345
Failure to have a certified operator	4	4	506
Failure to issue CCR	23	23	5,825
Failure to issue Lead Consumer Notice	11	11	5,151
Failure to obtain construction permit	2	2	1,126
Failure to submit a MOR or MRDL	43	52	12,442
Failure to meet compliance schedule	2	2	1,731
TCR recordkeeping violation	4	6	1,603
Reporting Total:	188*	356	51,357*
Monitoring & Reporting Total:	359**	952	234,714**

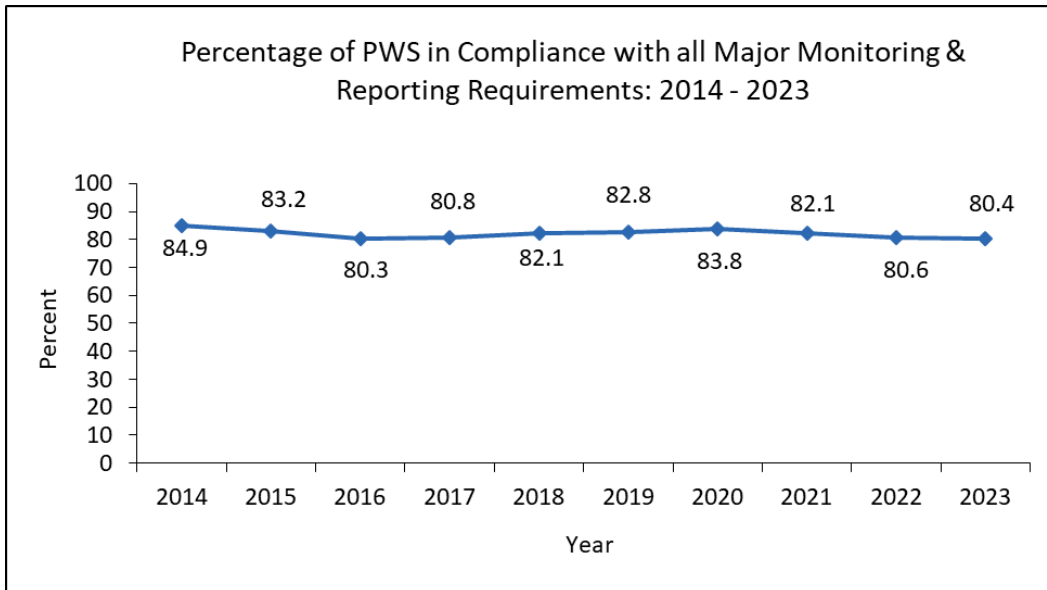
*The population of each PWS is only counted once for each contaminant.

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

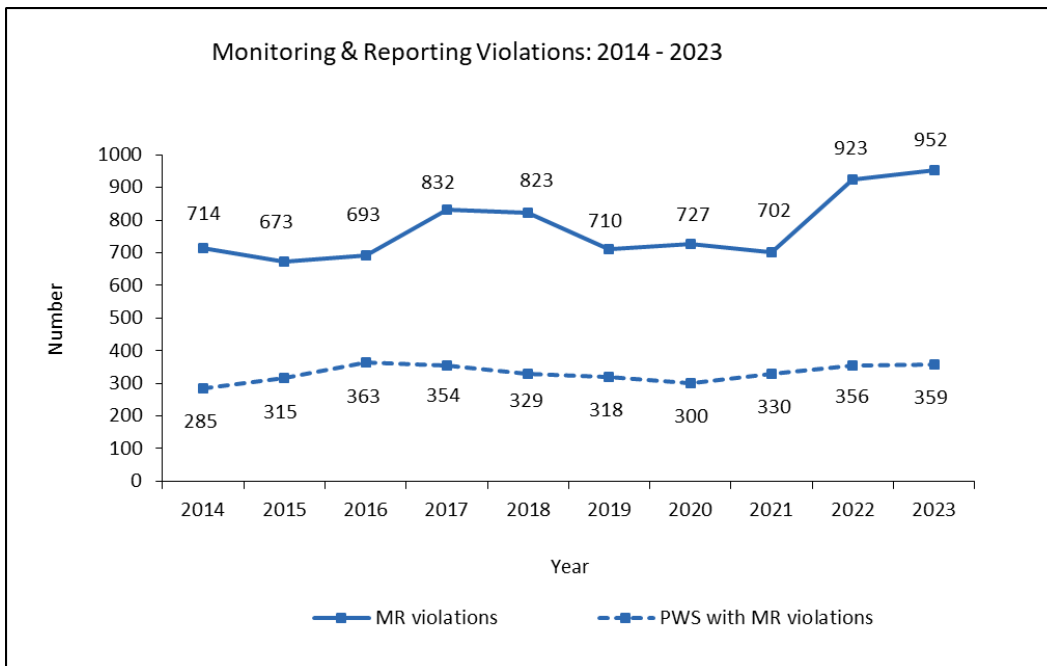
***Includes nitrate operations report violation and lead 90th percentile violation.

Monitoring & Reporting Compliance Rates: 2014 - 2023

The percentage of PWS in compliance with all major monitoring and reporting requirements was 80.4% in 2023. The number of PWSs in compliance with all major monitoring and reporting requirements averages 82.1% over the past ten years.



In 2023, the number of monitoring and reporting violations, and the number of systems with those violations slightly increased from 2022.



Enforcement Actions

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

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

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

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

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

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

Variations and Exemptions

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

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

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

- A MCL has been exceeded
- A MRDL has been exceeded
- A required TT has not been achieved
- The lead or copper 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 HA has been exceeded
- A waterborne emergency has occurred
- A certified operator has not been retained for CWS and NTNC systems
- Other situations where the department determines that public notification is needed

MCL, MRDL, or Treatment Technique Violation

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

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

Monitoring or Reporting Violation

All PWSs must issue public notification for failure to:

- Monitor and report the required data to the department;
- Comply with established testing procedures; or
- Meet the public notification requirements.

Public Education for a Lead Action Level Exceedance

A PWS must notify the DNR and the population served by the PWS when the 90th percentile exceeds the AL 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. NTNC 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
- 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 2023, 23 CWS failed to prepare and distribute their CCR for calendar year 2023. Each CWS received a reporting violation for this failure. The CCR compliance rate for Iowa's CWS in 2023 was 97.9%.

Lead Consumer Notice

The CWS and NTNC systems are required to provide a Lead Consumer Notice to those consumers who occupy homes or buildings that are part of the system's lead & copper monitoring program. The Notice must be provided within 30 days of the system's receipt of the analytical results, and must include specific mandatory language as well as the analytical lead result from the water sample collected at that home or building.

Health Effects

If a public notification or public education requirement is not met, the public health is placed at risk because the public is unaware of the potential health effects of the water being consumed. Children, pregnant women, the elderly, and persons with compromised immune systems are at the greatest risk from most contaminants.

Public Notification or Public Education Violation

A system is in violation of the public notification or public education rules when it does not issue public notification specific to its violation and does not provide proof of notification to the DNR. A system is returned to compliance when it publishes the appropriate public notification or public education language within the required amount of time and provides the proof to the DNR.

Operator Certification - 567 IAC Chapter 81

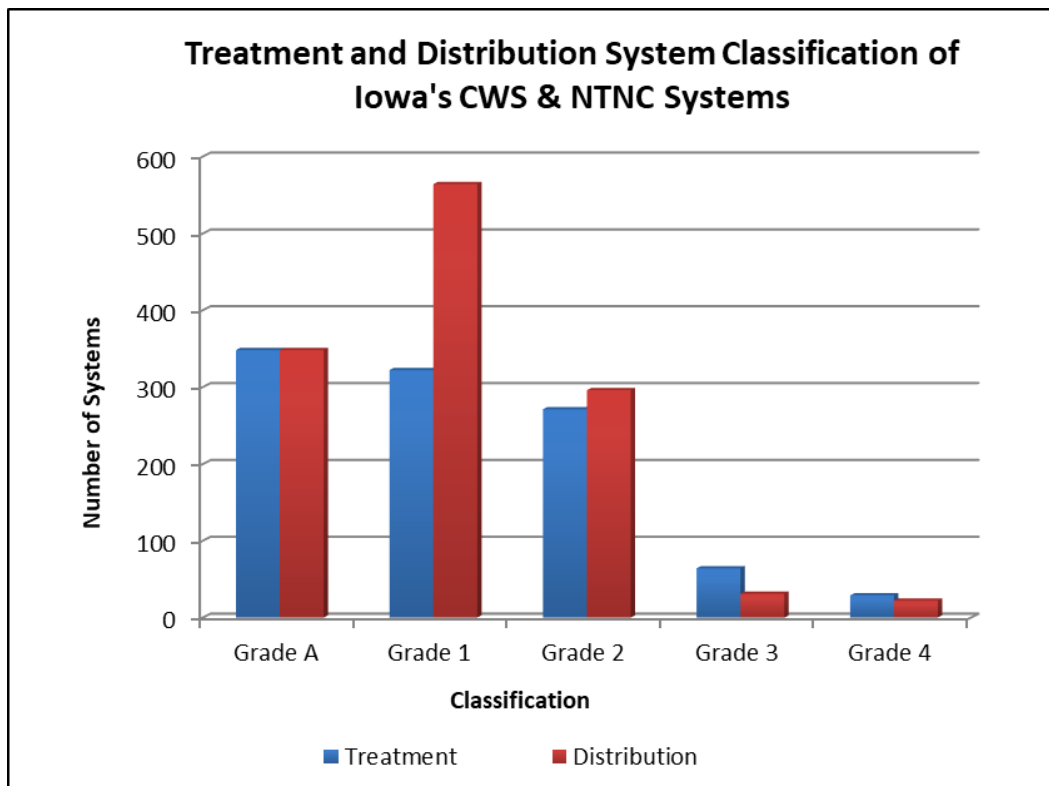
All CWS and NTNC systems are required to have a certified operator in direct responsible charge of the water treatment and water distribution systems. The operators must be certified by the department at the same classification of the treatment plant or water distribution system at a minimum.

The Iowa Operator Certification Program reporting period for this report is July 1, 2023 through June 30, 2024. Data is as of 6/19/2024.

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 19, 2024. There are 227 systems that have a distribution system but no treatment plant.

Classification	Treatment Facility	Distribution Facility
Grade A	348	348
Grade 1	322	564
Grade 2	271	296
Grade 3	64	31
Grade 4	29	22
Total	1,034	1,261



Classification Grades for Operator Certification

The Iowa Operator Certification program is predicated on three principles: Education, Experience, and Examination. A certified drinking water operator in Iowa must meet these requirements:

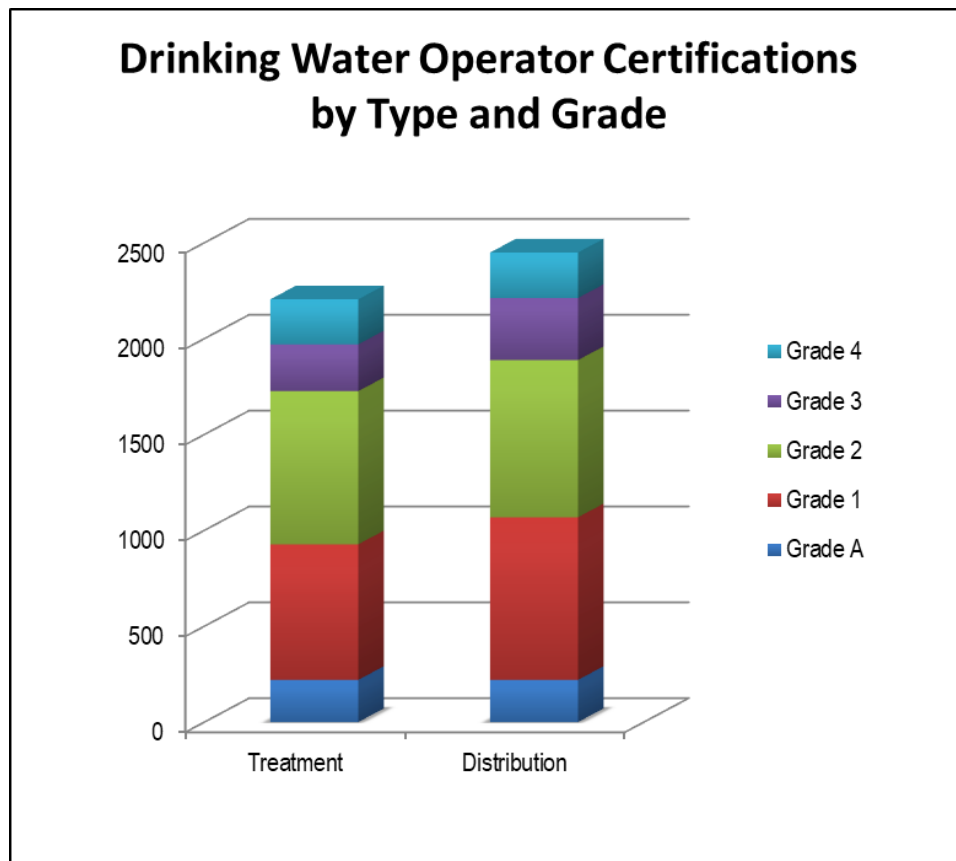
1. Meet the initial education and experience requirements and pay the examination fee,
2. Successfully pass the examination for the specific type of certification, and

- 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.

Certification Grade	Number of certified Water Distribution Operators	Number of certified Water Treatment Operators
Grade A	220 (combined WT and WD)	
Grade 1	707	848
Grade 2	799	820
Grade 3	244	324
Grade 4	235	237

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 four certified operators in 2023.

Certification Renewal

Drinking Water Treatment and Water Distribution Operator Certificates are renewed every two years, with the most current renewal period ending on June 30, 2023. In order to renew, the continuing education hours required by the level of certification an operator holds must be fulfilled by March 31st of the year a certificate expires. 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.

Laboratory Certification - 567 IAC Chapter 83

Purpose & Certification

The purpose of a certification program is to ensure that environmental analytical compliance data generated for the DNR are scientifically valid and defensible, and are of known and acceptable precision and accuracy. Any laboratory submitting environmental compliance data to the department must be certified. Certification is based on a two-year period, and laboratories must submit a completed application and pay the fee before an onsite audit can be scheduled. DNR allows for certification by reciprocity if the laboratories meet Iowa certification requirements. Laboratories include commercial and municipal laboratories.

Auditors

The department contracts with the State Hygienic Laboratory (SHL) at the University of Iowa to conduct audits of laboratories. Auditors, also known as certification officers, must successfully pass the Chemistry or Microbiology Certification Officer Training Course by EPA in order to conduct drinking water audits. SHL serves as the State Primacy Laboratory for Iowa.

SDWA Laboratories Certified by Chemical Group

A drinking water laboratory is considered a "SDWA" laboratory if they are certified and actively submitting compliance data to the department. The table below represents active SDWA laboratories as of December 31, 2023. Forty-five labs are certified and submitting compliance data in Iowa.

Chemical Group	In State	Out of State	Total
IOC	12	5	17
VOC	3	4	7
SOC	5	2	7
RADS	1	2	3
ASBESTOS	0	3	3
Micro	39	3	42

Enforcement

The DNR entered into a consent order with one laboratory in 2023. The laboratory has been recertified and a follow-up inspection will be conducted in June of 2024.



Backup generator, providing power to the water treatment plant or wells in the event of a power outage

Abbreviations

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

TNC	transient non-community public water supply
TT	treatment technique
TTHM	total trihalomethanes
U	chemical symbol for uranium
V/E	variance or exemption
VOC	volatile organic chemical
WD	water distribution
WT	water treatment
WQP	water quality parameters

Distribution of this Report

The SDWA requires both summary and detailed reports from the State be accessible to the EPA and the public. The following options are utilized to make this report readily available to the public.

The DNR sends the detailed report to the EPA Headquarters (water.compliance@epa.gov) in Washington, DC, and the EPA Region 7 Office in Lenexa, KS.

The DNR also:

- Includes the report on the DNR Internet website where it available for download: www.iowadnr.gov/WS-Annual-Compliance-Report
- Publishes a notice of report availability in the Water Supply Listserv
- Archives the report in the State Library
- Makes the report available for individuals and organizations upon request

Staff Contact Information

Report prepared by Kassidy Noble and Heidi Cline.

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High service pumps to distribution system

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, 2023 through December 31, 2023**

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	3	3
1,1,2-Trichloroethane	0.005	0	0	0	0	3	3
1,1-Dichloroethylene	0.007	0	0	0	0	3	3
1,2,4-Trichlorobenzene	0.07	0	0	0	0	3	3
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	0	0	0
1,2-Dichloroethane	0.005	0	0	0	0	3	3
1,2-Dichloropropane	0.005	0	0	0	0	3	3
2,3,7,8-TCDD (Dioxin)	0.00000008	0	0	0	0	0	0
2,4,5-TP (Silvex)	0.05	0	0	0	0	0	0
2,4-D	0.07	0	0	0	0	3	3
Acrylamide		0	0	0	0	0	0
Alachlor (Lasso)	0.002	0	0	0	0	2	2
Atrazine	0.003	0	0	0	0	2	2
Benzene	0.005	0	0	0	0	3	3
Benzo[a]pyrene	0.0002	0	0	0	0	0	0
Carbofuran	0.04	0	0	0	0	0	0
Carbon tetrachloride	0.005	0	0	0	0	3	3
Chlordane	0.002	0	0	0	0	0	0
cis-1,2-Dichloroethylene	0.07	0	0	0	0	3	3
Dalapon	0.2	0	0	0	0	0	0
Di(2-ethylhexyl)adipate	0.4	0	0	0	0	2	2
Di(2-ethylhexyl)phthalate	0.006	0	0	0	0	2	2
Dichloromethane	0.005	0	0	0	0	3	3
Dinoseb	0.007	0	0	0	0	0	0
Diquat	0.02	0	0	0	0	3	3
Endothall	0.1	0	0	0	0	0	0
Endrin	0.002	0	0	0	0	0	0

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
Epichlorohydrin		0	0	0	0	0	0
Ethylbenzene	0.7	0	0	0	0	3	3
Ethylene dibromide	0.00005	0	0	0	0	0	0
Glyphosate	0.7	0	0	0	0	3	3
Heptachlor	0.0004	0	0	0	0	0	0
Heptachlor epoxide	0.0002	0	0	0	0	0	0
Hexachlorobenzene	0.001	0	0	0	0	0	0
Hexachlorocyclopentadiene	0.05	0	0	0	0	0	0
Lindane	0.0002	0	0	0	0	0	0
Methoxychlor	0.04	0	0	0	0	0	0
Monochlorobenzene	0.1	0	0	0	0	3	3
o-Dichlorobenzene	0.6	0	0	0	0	3	3
Oxamyl (Vydate)	0.2	0	0	0	0	0	0
para-Dichlorobenzene	0.075	0	0	0	0	3	3
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	3	3
Tetrachloroethylene	0.005	0	0	0	0	3	3
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	3	3
Trichloroethylene	0.005	0	0	0	0	4	4
Vinyl chloride	0.002	0	0	0	0	4	4
Xylenes (total)	10	0	0	0	0	3	3
Haloacetic acids	0.060	0	0	0	0	20	20
Total trihalomethanes	0.080	2	2	0	0	20	20

Inorganic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Antimony	0.006	0	0	0	0	1	1
Arsenic	0.010	8	3	0	0	1	1
Asbestos	7 million fibers/L (>10 µm in length)	0	0	0	0	0	0
Barium	2	0	0	0	0	1	1
Beryllium	0.004	0	0	0	0	1	1
Cadmium	0.005	0	0	0	0	1	1
Chromium	0.1	0	0	0	0	1	1
Cyanide (as free cyanide)	0.2	0	0	0	0	1	1
Fluoride	4.0	0	0	0	0	1	1
Mercury	0.002	0	0	0	0	1	1
Nitrate	10 (as Nitrogen)	38	7	0	0	81	58
Nitrite	1.0 (as Nitrogen)	4	3	0	0	15	13
Selenium	0.05	0	0	0	0	1	1
Sodium	not applicable	0	0	0	0	2	2
Thallium	0.002	0	0	0	0	1	1
Total nitrate and nitrite	10 (as Nitrogen)	NA	NA	NA	NA	NA	NA

Radionuclide Contaminants	MCL (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
Gross alpha (excluding Rn & U)	15 pCi/L	0	0	0	0	4	4
Radium-226 and radium-228	5 pCi/L	3	1	0	0	10	8
Gross beta	4 mrem/year	0	0	0	0	0	0
Uranium	30 µg/L	0	0	0	0	0	0
Subtotal		55	14*	0	0	253	226*

*Each system is only counted once in the subtotal category (i.e., 14 systems had 55 MCL violations and 226 systems had 253 monitoring/reporting violations. There were 3 Nitrogen Ammonia monitoring violations at 3 systems, 1 PFOS monitoring violation at 1 system, 1 PFOA monitoring violation at 1 system, and 9 Manganese Monitoring violations at 9 systems).

Microbial Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Acute Total Coliform Bacteria MCL violation (RTCR)	Presence	7	7	0	0	0	0
Failure to complete Start-Up Procedures (RTCR)		0	0	23	19	0	0
Failure to conduct Level 1 Assessment (RTCR)		0	0	5	5	0	0
Failure to correct Sanitary Defect (RTCR)		0	0	0	0	0	0
Major routine total coliform bacteria monitoring violation (RTCR)		0	0	0	0	256	146
Major source water monitoring for Fecal Indicator (GWR)-E. coli		0	0	0	0	30	24
Sanitary survey violations (failure to address significant deficiency, failure to have certified operator, and failure to maintain disinfectant residuals)		0	0	0	0	Reporting:8	Reporting:8
Subtotal		7	7	28	24	294	178*

*Each system is counted only once in the subtotal category, i.e., 25 systems had 29 treatment techniques violations

Surface Water Treatment Rule, Interim Enhanced SWTR, LT1 ESWTR, & LT2 ESWTR*	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Filtered systems *		0	0	0	0	0	0
Monitoring, routine/repeat (WQP)		0	0	0	0	1	1
Treatment techniques (Turbidity)		0	0	1	1	0	0
Unfiltered systems *		0	0	0	0	0	0
Monitoring, routine/repeat		0	0	0	0	0	0
Failure to filter		0	0	0	0	0	0
Subtotal		0	0	1	1	1	1

*All surface water and influenced groundwater systems in Iowa have filtration. 1 system had 1 turbidity TT violation.

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: 1 Copper: 1	Lead: 1 Copper: 1	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: 19 Pb: 19	Cu: 18 Pb: 18
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	0	0
Lead consumer notice						11	11
Subtotal		2	2*	0	0	49	47*

*Each system is only counted once in the subtotal category (i.e., 2 systems had 2 ALE violations and 49 systems had 47 monitoring/reporting violations).

Stage 1 & 2 DBPR (TTHM & HAA5 included under Organic Contaminants)	MRDL or MCL	MRDL or MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Chlorine or chloramines residual	4.0 mg/L	1	1	2	2	52 reporting	41 reporting
Chlorine dioxide	0.8 mg/L	0	0	0	0	0	0
Chlorite	1.0 mg/L	0	0	0	0	2	1
Bromate	0.010 mg/L	0	0	0	0	0	0
Total organic carbon (TOC)		0	0	0	0	2	1
Subtotal		1	1	2	2	56	43*

*Each system is only counted once in the subtotal category (i.e. 2 systems had 2 chlorine residuals TT violations, 43 systems had 56 MOR reporting violations).

Appendix B: Iowa Public Water Supply Violation Data

All public water supply systems that incurred one or more violations during 2023 are listed in the following appendix, including the most recent enforcement action. Systems that became "inactive" during the year because they no longer met the definition of a public water supply are denoted in boldface print on the table.

Legend

Item	Description
PWS Name	Business name of the Public Water System
Minimum Population Served	Population that could use the water, as reported to DNR by the PWS. For municipal systems, it is the most recent official census.
County	County location of PWS
PWSID Number	Public Water System Identification number, a unique and dedicated number permanently assigned to each PWS
PWS Type	Classification type of PWS: community public water system (CWS), non-transient non-community system (NTNC), or transient non-community system (TNC)
Violation Number	A unique, dedicated identification number assigned to each violation as it occurs.
Analyte	The analyte that triggered the violation.
Compliance Period End Date	Date at the end of the compliance period in which the violation occurred.
Violation	The EPA-assigned text description of the violation.
Violation Type	The alphabetic code description of the violation.
Enforcement Action	Most recent action taken by the PWS or the DNR in response to the violation. The final action for any violation is "Compliance Achieved," meaning the system is now in compliance.
Enforcement Action Date	Date the follow-up action or enforcement action occurred



Iowa Public Water Supply System Violations in 2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA3420499	Ackley Creek Park	30	TNC	FLOYD	202302267	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/11/2023
IA4201001	Ackley Municipal Water Works	1599	CWS	HARDIN	202400127	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/31/2023
IA7836201	Aeroplane Inn	25	TNC	POTTAWATTAMIE	202301022	Nitrate (as N)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/24/2023
IA7836201	Aeroplane Inn	25	TNC	POTTAWATTAMIE	202301053	Failure to conduct Public Notice	4/1/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA7836201	Aeroplane Inn	25	TNC	POTTAWATTAMIE	202302041	Failure to conduct Public Notice	7/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA9774003	Ag Processing - Refinery	50	NTNC	WOODBURY	202400791	Nitrate (as N)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/18/2024
IA9203007	Ainsworth Water Works	511	CWS	WASHINGTON	202301959	Ethylbenzene	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/5/2023
IA9203007	Ainsworth Water Works	511	CWS	WASHINGTON	202301960	Xylenes	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/5/2023
IA9203007	Ainsworth Water Works	511	CWS	WASHINGTON	202301961	Sodium	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/5/2023
IA7509008	Akron, City of	1558	CWS	PLYMOUTH	202302103	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA6403011	Albion Water Dept	505	CWS	MARSHALL	202400439	Manganese	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	12/13/2023
IA7707030	Altoona Water Supply	19565	CWS	POLK	202400946	Radium, Combined (226, 228)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/26/2024
IA7707030	Altoona Water Supply	19565	CWS	POLK	202400947	Radium, Combined (226, 228)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/26/2024
IA7707030	Altoona Water Supply	19565	CWS	POLK	202400948	Radium, Combined (226, 228)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/26/2024
IA7707030	Altoona Water Supply	19565	CWS	POLK	202400949	Gross Alpha, excluding Rn & U	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/26/2024
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202300850	Failure to conduct Public Notice	1/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202300951	Failure to conduct Public Notice	2/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/23/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202300912	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/6/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202301041	Failure to conduct Public Notice	3/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	4/20/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202301042	Failure to conduct Public Notice	3/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	4/20/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202301255	Failure to conduct Public Notice	4/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202301256	Failure to conduct Public Notice	4/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202301145	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/1/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202301146	Nitrate (as N)	4/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/1/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202301715	Failure to conduct Public Notice	6/27/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	7/20/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202302298	Failure to conduct Public Notice	8/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202302299	Failure to conduct Public Notice	8/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202400383	Nitrate (as N)	10/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/7/2023
IA2232776	Anchor Inn (Garber)	35	TNC	CLAYTON	202400384	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/7/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA2307001	Andover Water Supply	109	CWS	CLINTON	202400687	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/2/2023
IA5225213	Apex Commercial Park	29	TNC	JOHNSON	202301871	Coliform bacteria	7/31/2023	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	9/12/2023
IA1403062	Arcadia Water Supply	525	CWS	CARROLL	202400844	Chlorine	12/31/2023	Record Keeping	RPT	Compliance Achieved	1/23/2024
IA3609201	Bartlett Shores	58	TNC	FREMONT	202400219	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/13/2023
IA5758202	Bass Farms LLC	39	TNC	LINN	202400789	Nitrate (as N)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/31/2024
IA5003091	Baxter Water Supply	1002	CWS	JASPER	202300917	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/6/2023
IA5003091	Baxter Water Supply	1002	CWS	JASPER	202301718	Failure to conduct Public Notice	6/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA5003091	Baxter Water Supply	1002	CWS	JASPER	202400132	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	Nov Issued	10/18/2023
IA5003091	Baxter Water Supply	1002	CWS	JASPER	202400133	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2023
IA3907092	Baxter Water Supply	405	CWS	GUTHRIE	202400119	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/28/2023
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202301919	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	9/21/2023
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202302232	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	9/21/2023
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202400109	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/18/2023
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202400403	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/13/2023
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202400659	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Nov Issued	12/18/2023
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202400717	Failure to meet Certified Operator requirement	12/22/2023	Certified Operator Requirement	STA	NOV Issued	12/22/2023
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202400807	Failure to conduct Public Notice	12/25/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/5/2024
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202400808	Failure to conduct Public Notice	12/25/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/5/2024
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202400750	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/18/2024
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202400900	Copper	12/31/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/26/2024
IA2985303	Beaverdale Homeowners Assn	360	CWS	DES MOINES	202400901	Lead	12/31/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/26/2024
IA9433312	Becker Water and Road	50	CWS	WEBSTER	202301205	Trichloroethylene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/30/2023
IA9433312	Becker Water and Road	50	CWS	WEBSTER	202301206	Vinyl Chloride	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/30/2023
IA9433312	Becker Water and Road	50	CWS	WEBSTER	202301673	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/24/2023
IA9433312	Becker Water and Road	50	CWS	WEBSTER	202400858	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/7/2024
IA0688401	Benton County Nature Center/Rodgers Park	35	TNC	BENTON	202301701	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/10/2023
IA5784309	Big Creek Bluffs	80	CWS	LINN	202301447	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA3342890	Big Rock Country Club	52	TNC	FAYETTE	202400407	Nitrate (as N)	10/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/20/2023
IA3342890	Big Rock Country Club	52	TNC	FAYETTE	202400408	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/20/2023
IA5285203	Black Squirrel Tap	25	TNC	JOHNSON	202301681	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/15/2023

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IA5285203	Black Squirrel Tap	25	TNC	JOHNSON	202301682	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/15/2023
IA5285203	Black Squirrel Tap	25	TNC	JOHNSON	202400544	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5285203	Black Squirrel Tap	25	TNC	JOHNSON	202400545	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5285203	Black Squirrel Tap	25	TNC	JOHNSON	202400681	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/1/2023
IA5784316	Blairs Ferry Manor	75	CWS	LINN	202300863	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA5784316	Blairs Ferry Manor	75	CWS	LINN	202301451	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA9630773	Bluffton Store	60	TNC	WINNESHIEK	202301209	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/10/2023
IA9630773	Bluffton Store	60	TNC	WINNESHIEK	202400774	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/29/2024
IA1970206	Bodensteiner Implement Inc (NH)	60	TNC	CHICKASAW	202400783	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2024
IA1967222	Bradford Guest House	50	TNC	CHICKASAW	202301864	E. coli	8/31/2023	MCL, EC+ (RTCR)	MCL	Compliance Achieved	9/22/2023
IA3183724	Breitbach Country Dining	150	TNC	DUBUQUE	202301770	Coliform (TCR)	6/30/2023	Operations Report	RPT	Compliance Achieved	7/20/2023
IA3183724	Breitbach Country Dining	150	TNC	DUBUQUE	202302354	Coliform (TCR)	8/31/2023	Operations Report	RPT	NOV Issued	9/18/2023
IA3423801	Buffalo Run Golf Club	51	TNC	CERRO GORDO	202301821	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/24/2023
IA3423801	Buffalo Run Golf Club	51	TNC	CERRO GORDO	202301679	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/31/2023
IA3423801	Buffalo Run Golf Club	51	TNC	CERRO GORDO	202400269	Failure to conduct Public Notice	9/8/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	10/24/2023
IA3423801	Buffalo Run Golf Club	51	TNC	CERRO GORDO	202400542	Failure to conduct Public Notice	10/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/27/2023
IA4929901	Bulgers Hollow Recreation Area	77	TNC	CLINTON	202400004	Failure to conduct Level 1 Assessment	9/30/2023	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	NOV Issued	3/21/2024
IA4929901	Bulgers Hollow Recreation Area	77	TNC	CLINTON	202400515	E. coli	10/13/2023	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	11/16/2023
IA4929901	Bulgers Hollow Recreation Area	77	TNC	CLINTON	202400419	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/16/2023
IA7052203	Burts Tavern	32	TNC	MUSCATINE	202400207	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/30/2023
IA7052203	Burts Tavern	32	TNC	MUSCATINE	202400208	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/30/2023
IA7052203	Burts Tavern	32	TNC	MUSCATINE	202400489	Nitrate (as N)	10/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/30/2023
IA7052203	Burts Tavern	32	TNC	MUSCATINE	202400683	Nitrate (as N)	11/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/30/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400385	Beryllium	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400386	Cyanide	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400387	Antimony	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400388	Arsenic	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400389	Barium	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400390	Cadmium	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400391	Chromium	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023

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IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400392	Fluoride	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400393	Mercury	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400394	Selenium	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400395	Thallium	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA2322066	Camanche Water Supply	4570	CWS	CLINTON	202400396	Sodium	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/4/2023
IA1769419	Camp at the Woods	69	TNC	CERRO GORDO	202300994	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/27/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202300847	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202301109	Coliform bacteria	4/30/2023	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	9/27/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202301385	Failure to complete Start-Up Procedures	5/31/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/27/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202302351	Failure to complete Start-Up Procedures	5/31/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	9/14/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202301609	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/27/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202301610	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/27/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202301914	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/27/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202302297	Failure to conduct Public Notice	8/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202302226	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/27/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202400254	Failure to conduct Public Notice	9/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	10/19/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202400518	Failure to conduct Public Notice	10/26/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/21/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202400372	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/27/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202400517	Failure to conduct Public Notice	10/31/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/21/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202400519	Failure to conduct Public Notice	10/31/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/21/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202400604	Failure to conduct Public Notice	11/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202400651	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/27/2023
IA0990401	Camp Ingawanis-Maple and Ranger Well	402	TNC	BREMER	202400804	Failure to conduct Public Notice	12/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	1/18/2024
IA4950401	Camp Shalom	120	TNC	JACKSON	202302324	Failure to conduct Public Notice	8/19/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA5715401	Camp Tanager	150	TNC	LINN	202300957	Failure to conduct Public Notice	2/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/23/2023

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IA8920001	Cantril Water Supply	224	CWS	VAN BUREN	202400169	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2023
IA1228803	Card, Inc	50	TNC	BUTLER	202301805	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/3/2023
IA1228803	Card, Inc	50	TNC	BUTLER	202301613	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/10/2023
IA2330303	Cardinal Valley Estates 3 rd Addition	25	CWS	CLINTON	202302007	2,4-D	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/12/2023
IA2330303	Cardinal Valley Estates 3 rd Addition	25	CWS	CLINTON	202302008	Pentachlorophenol	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/12/2023
IA2330303	Cardinal Valley Estates 3 rd Addition	25	CWS	CLINTON	202302009	Picloram	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/12/2023
IA2330303	Cardinal Valley Estates 3 rd Addition	25	CWS	CLINTON	202302010	Diquat	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/12/2023
IA2330303	Cardinal Valley Estates 3 rd Addition	25	CWS	CLINTON	202302011	Glyphosate	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/12/2023
IA6616772	Carpenter Bar/Grill	52	TNC	MITCHELL	202300787	Nitrite (as N)	2/28/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/3/2023
IA6616772	Carpenter Bar/Grill	52	TNC	MITCHELL	202300896	Nitrite (as N)	3/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/3/2023
IA8209309	Carriage Meadows Homeowners Assn	80	CWS	SCOTT	202300948	E. coli	2/25/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	2/28/2023
IA7809078	Carson Water Supply	766	CWS	POTTAWATTAMIE	202300928	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/22/2023
IA7812079	Carter Lake Water Dist	3796	CWS	POTTAWATTAMIE	202400163	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202300867	Failure to conduct Public Notice	1/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/1/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202300967	Coliform (TCR)	1/31/2023	Operations Report	RPT	Compliance Achieved	5/1/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202300935	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/25/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202301083	Coliform (TCR)	3/31/2023	Operations Report	RPT	Compliance Achieved	5/1/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202301279	Failure to conduct Public Notice	4/12/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/1/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202301278	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202301724	Failure to conduct Public Notice	6/14/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/1/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202301725	Failure to conduct Public Notice	6/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202302043	Failure to conduct Public Notice	7/15/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/1/2023
IA5322201	Caseys General Store (Anamosa)	1215	TNC	JONES	202302322	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA5715744	Ced Rel Supper Club and Motel	103	TNC	LINN	202300825	Coliform bacteria	1/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	2/16/2023
IA5715744	Ced Rel Supper Club and Motel	103	TNC	LINN	202301068	Chlorine	1/31/2023	Operations Report	RPT	NOV Issued	3/8/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA5715744	Ced Rel Supper Club and Motel	103	TNC	LINN	202300959	Failure to conduct Public Notice	2/15/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/23/2023
IA5715744	Ced Rel Supper Club and Motel	103	TNC	LINN	202300958	Failure to conduct Public Notice	2/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/23/2023
IA5715744	Ced Rel Supper Club and Motel	103	TNC	LINN	202300923	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	3/23/2023
IA5815825	Cedarcrest Golf & Country Club	146	TNC	LOUISA	202301401	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2023
IA5815825	Cedarcrest Golf & Country Club	146	TNC	LOUISA	202400765	Nitrate (as N)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/18/2024
IA5315005	Center Junction (EIRUSS)	100	CWS	JONES	202400701	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA4260602	Chase Mobile Home Park	85	CWS	HARDIN	202301242	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/9/2023
IA4260602	Chase Mobile Home Park	85	CWS	HARDIN	202302330	Failure to conduct Public Notice	8/20/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/11/2023
IA4260602	Chase Mobile Home Park	85	CWS	HARDIN	202400500	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/27/2023
IA4260602	Chase Mobile Home Park	85	CWS	HARDIN	202400501	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/27/2023
IA4260602	Chase Mobile Home Park	85	CWS	HARDIN	202400866	Chlorine	11/30/2023	Record Keeping	RPT	Compliance Achieved	2/1/2024
IA5784312	Chestnut Ridge	33	CWS	LINN	202301448	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA5059401	Christian Conference Center	146	TNC	JASPER	202301217	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/30/2023
IA5059401	Christian Conference Center	146	TNC	JASPER	202400775	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/30/2024
IA1509801	Church of Jesus Christ of LDS (Atlantic)	80	TNC	CASS	202400686	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/6/2024
IA1509801	Church of Jesus Christ of LDS (Atlantic)	80	TNC	CASS	202400786	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/6/2024
IA9905872	Clarmond Country Club	35	TNC	WRIGHT	202301051	Failure to conduct Public Notice	3/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2023
IA2223905	Clayton Co Law Enforcement Center	30	TNC	CLAYTON	202400785	Nitrate (as N)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/3/2024
IA5252719	Club 76 Inc	53	TNC	JOHNSON	202301001	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/24/2023
IA5252719	Club 76 Inc	53	TNC	JOHNSON	202302035	Failure to conduct Public Notice	7/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA5252719	Club 76 Inc	53	TNC	JOHNSON	202400761	Nitrate (as N)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/17/2024
IA1600301	Coach Road Well Assn	60	CWS	CEDAR	202300969	Failure to meet Certified Operator requirement	3/31/2023	Certified Operator Requirement	STA	Compliance Achieved	5/24/2023
IA5722053	Coggon Water Dept	701	CWS	LINN	202301170	Gross Alpha, excluding Rn & U	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/31/2023
IA5722053	Coggon Water Dept	701	CWS	LINN	202301171	Radium, Combined (226, 228)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/31/2023
IA5722053	Coggon Water Dept	701	CWS	LINN	202301648	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/9/2023
IA5722053	Coggon Water Dept	701	CWS	LINN	202400432	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/20/2023
IA5722053	Coggon Water Dept	701	CWS	LINN	202400433	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/20/2023
IA4033801	Community Church of Kamrar	167	TNC	HAMILTON	202301229	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2023
IA4033801	Community Church of Kamrar	167	TNC	HAMILTON	202400488	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/28/2023

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IA5221207	Community Country Store	49	TNC	JOHNSON	202301236	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/30/2023
IA5221207	Community Country Store	49	TNC	JOHNSON	202302270	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2023
IA5221209	Community Country Store Annex	36	TNC	JOHNSON	202301241	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/1/2023
IA5225201	Coralville Lake Marina	50	TNC	JOHNSON	202301465	Failure to meet Certified Operator Requirement	6/5/2023	Certified Operator Requirement	STA	Compliance Achieved	6/7/2023
IA5225413	Coralville Lake AD Bldg	275	TNC	JOHNSON	202400135	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/8/2023
IA5225411	Coralville Lake - West Overlook	861	TNC	JOHNSON	202301443	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA8258201	Corner Market	252	TNC	SCOTT	202301237	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2023
IA8258201	Corner Market	252	TNC	SCOTT	202301431	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2023
IA8258201	Corner Market	252	TNC	SCOTT	202302326	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA8258201	Corner Market	252	TNC	SCOTT	202400552	Failure to conduct Public Notice	10/16/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA3525079	Coulter Water Supply	219	CWS	FRANKLIN	202400297	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/26/2023
IA3525079	Coulter Water Supply	219	CWS	FRANKLIN	202400298	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/26/2023
IA7528201	Country Celebrations Event Center	200	TNC	PLYMOUTH	202300868	Failure to conduct Public Notice	1/22/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/23/2023
IA7528201	Country Celebrations Event Center	200	TNC	PLYMOUTH	202400694	E. coli	11/9/2023	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	12/18/2023
IA5784307	Country Manor Estates	228	CWS	LINN	202301446	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA7521084	Craig Water Works	79	CWS	PLYMOUTH	202302102	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA7521084	Craig Water Works	79	CWS	PLYMOUTH	202400829	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	1/18/2024
IA4728957	Crawford Creek Park	250	TNC	IDA	202400130	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/4/2023
IA7809801	Creighton University Retreat Center	89	TNC	POTTAWATTAMIE	202302058	Failure to conduct Level 1 Assessment	8/31/2023	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	8/21/2023
IA5784314	Crestwood Acres	50	CWS	LINN	202301450	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA9271801	Crooked Creek Christian Camp	43	TNC	WASHINGTON	202400066	Coliform bacteria	9/30/2023	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/12/2023
IA9271801	Crooked Creek Christian Camp	43	TNC	WASHINGTON	202400178	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/28/2023
IA9271801	Crooked Creek Christian Camp	43	TNC	WASHINGTON	202400514	E. coli	10/23/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/28/2023
IA3070434	Cuttys Okobojo Resort Club	285	TNC	DICKINSON	202300851	Failure to conduct Public Notice	1/15/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/7/2023
IA2520098	Dallas Center Water Supply	1901	CWS	DALLAS	202400400	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/14/2023
IA2915000	Danville Water Supply	927	CWS	DES MOINES	202400748	Total Haloacetic Acids (HAA5)	11/30/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	2/13/2024
IA2915000	Danville Water Supply	927	CWS	DES MOINES	202400749	Total Trihalomethanes (TTHM)	11/30/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	2/13/2024
IA2525010	Dawson Water Works	116	CWS	DALLAS	202301625	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/19/2023
IA2525010	Dawson Water Works	116	CWS	DALLAS	202400608	Failure to conduct Public Notice	11/19/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023

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IA7445101	Daybreak Foods Inc	65	NTNC	PALO ALTO	202400204	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2023
IA7445101	Daybreak Foods Inc	65	NTNC	PALO ALTO	202400205	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2023
IA9926802	Daybreak Foods Vincent Complex	60	NTNC	WRIGHT	202400859	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/9/2024
IA1433016	Dedham Water Supply	224	CWS	CARROLL	202301104	Chlorine	3/31/2023	Record Keeping	RPT	Compliance Achieved	5/1/2023
IA1433016	Dedham Water Supply	224	CWS	CARROLL	202302094	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/2/2023
IA1433016	Dedham Water Supply	224	CWS	CARROLL	202400094	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2023
IA1433016	Dedham Water Supply	224	CWS	CARROLL	202400095	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2023
IA1433016	Dedham Water Supply	224	CWS	CARROLL	202400375	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA1433016	Dedham Water Supply	224	CWS	CARROLL	202400376	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA1433016	Dedham Water Supply	224	CWS	CARROLL	202400843	Chlorine	12/31/2023	Record Keeping	RPT	Compliance Achieved	1/23/2024
IA6616801	Deer Creek Lutheran Church	51	TNC	MITCHELL	202301696	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/24/2023
IA1785421	Deer Valley Lodge	100	TNC	CERRO GORDO	202301616	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/21/2023
IA1785421	Deer Valley Lodge	100	TNC	CERRO GORDO	202301617	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/21/2023
IA9433349	Deerwood Estates Utilities	175	CWS	WEBSTER	202400601	Failure to issue Consumer Confidence Report	7/31/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	12/15/2023
IA9433349	Deerwood Estates Utilities	175	CWS	WEBSTER	202400484	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/27/2023
IA9433349	Deerwood Estates Utilities	175	CWS	WEBSTER	202400485	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/27/2023
IA7016202	Deese Thirsty Camel	67	TNC	LOUISA	202400584	Nitrate (as N)	11/30/2023	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	12/4/2023
IA7016202	Deese Thirsty Camel	67	TNC	LOUISA	202400819	Failure to conduct Public Notice	12/6/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/21/2024
IA8315018	Defiance Water Dept	250	CWS	SHELBY	202301105	Chlorine	1/31/2023	Record Keeping	RPT	Compliance Achieved	5/1/2023
IA8315018	Defiance Water Dept	250	CWS	SHELBY	202301827	Chlorine	6/30/2023	Operations Report	RPT	Compliance Achieved	7/26/2023
IA8315018	Defiance Water Dept	250	CWS	SHELBY	202400830	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/7/2024
IA2421025	Deloit Muni Water Supply	250	CWS	CRAWFORD	202302095	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/8/2023
IA2421025	Deloit Muni Water Supply	250	CWS	CRAWFORD	202400827	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/2/2024
IA8018040	Diagonal Water Dept	344	CWS	RINGGOLD	202301188	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/10/2023
IA7016204	Double - DD Bar and Grill LLC	52	TNC	MUSCATINE	202301283	Failure to conduct Public Notice	4/30/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/13/2023
IA3126208	Dubuque Sports Complex	400	TNC	DUBUQUE	202301683	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/28/2023
IA3126208	Dubuque Sports Complex	400	TNC	DUBUQUE	202400203	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/28/2023
IA3126208	Dubuque Sports Complex	400	TNC	DUBUQUE	202400486	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/20/2023
IA1240081	Dumont Water Supply	1269	CWS	BUTLER	202400857	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/26/2024

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IA8627095	Dysart Water Supply	1281	CWS	TAMA	202400470	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/13/2023
IA8627095	Dysart Water Supply	1281	CWS	TAMA	202400471	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/13/2023
IA6527545	East Mills School	285	NTNC	MILLS	202300960	Failure to conduct Public Notice	2/9/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA6527545	East Mills School	285	NTNC	MILLS	202400441	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/13/2023
IA6527545	East Mills School	285	NTNC	MILLS	202400442	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/13/2023
IA7820851	Eastern Hills Baptist Church	149	NTNC	POTTAWATTAMIE	202301050	Failure to conduct Public Notice	4/1/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202301639	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/19/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202301640	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/20/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202301641	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/19/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202302242	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/19/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202302243	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/19/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202400534	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202400535	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202400536	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202400420	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/16/2023
IA4950905	Eden Valley Refuge	25	TNC	JACKSON	202400421	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/16/2023
IA8230008	Eldridge Water Supply	6726	CWS	SCOTT	202400461	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/1/2023
IA8230008	Eldridge Water Supply	6726	CWS	SCOTT	202400462	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/1/2023
IA8325013	Elk Horn Muni Water Works	601	CWS	SHELBY	202400464	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA8325013	Elk Horn Muni Water Works	601	CWS	SHELBY	202400465	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA6520019	Emerson Water Dept	412	CWS	MILLS	202400334	Chlorine	10/25/2023	Operations Report	RPT	Compliance Achieved	12/10/2023
IA7428021	Emmetsburg Municipal Water Dept	3706	CWS	PALO ALTO	202400945	Radium, Combined (226, 228)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/26/2024
IA5751802	Epic Event Center	404	TNC	LINN	202400218	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2023
IA5720201	FB & Company	42	TNC	LINN	202301273	Failure to conduct Public Notice	4/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2023
IA5720201	FB & Company	42	TNC	LINN	202301274	Failure to conduct Public Notice	4/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2023
IA5720201	FB & Company	42	TNC	LINN	202301423	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/28/2023
IA5720201	FB & Company	42	TNC	LINN	202400270	Failure to conduct Public Notice	9/26/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/13/2023
IA5720201	FB & Company	42	TNC	LINN	202400691	E. coli	11/9/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	11/28/2023
IA5731032	Fairfax Water Supply	2828	CWS	LINN	202301649	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/18/2023
IA5731032	Fairfax Water Supply	2828	CWS	LINN	202301650	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/18/2023
IA8930038	Farmington Water Supply	579	CWS	VAN BUREN	202301671	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/28/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA2223201	Fast Trak	27	TNC	CLAYTON	202301686	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/31/2023
IA2223201	Fast Trak	27	TNC	CLAYTON	202301687	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/19/2023
IA2223201	Fast Trak	27	TNC	CLAYTON	202400548	Failure to conduct Public Notice	10/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/21/2023
IA2223201	Fast Trak	27	TNC	CLAYTON	202400549	Failure to conduct Public Notice	10/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/21/2023
IA5307811	Fawn Creek Country Club	50	TNC	JONES	202400798	E. coli	12/7/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	12/11/2023
IA5715215	FC United Soccer Club Inc	100	TNC	LINN	202300871	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2023
IA5715215	FC United Soccer Club Inc	100	TNC	LINN	202300964	Failure to conduct Public Notice	2/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/23/2023
IA5715215	FC United Soccer Club Inc	100	TNC	LINN	202301285	Failure to conduct Public Notice	4/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2023
IA9820010	Fertile Municipal Water	305	CWS	WORTH	202400188	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/7/2023
IA9820010	Fertile Municipal Water	305	CWS	WORTH	202400479	Nitrogen-Ammonia (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/27/2023
IA4070204	Flying J No 572	1892	NTNC	HAMILTON	202400121	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA4070204	Flying J No 572	1892	NTNC	HAMILTON	202400122	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202300844	Coliform bacteria	1/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202300943	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202301029	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202301284	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/20/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202301238	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202301457	Failure to conduct Public Notice	5/21/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202301320	Failure to conduct Level 1 Assessment	5/31/2023	Level 1 Assessment, RT TC+ w/ no RP (RTCR)	TT	Compliance Achieved	11/1/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202301711	E. coli	6/5/2023	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	7/20/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202301727	Failure to conduct Public Notice	6/20/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/20/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202301699	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/7/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202400703	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202302047	Failure to conduct Public Notice	7/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/20/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202302143	Failure to meet Certified Operator Requirement	9/5/2023	Certified Operator Requirement	STA	Compliance Achieved	12/20/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202400220	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/27/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202400496	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202400497	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202400553	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/20/2023
IA7048319	Fox Valley Acres	36	CWS	MUSCATINE	202400498	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/27/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA1600605	GG Brothers	395	TNC	CEDAR	202300849	Failure to conduct Public Notice	1/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/20/2023
IA1600605	GG Brothers	395	TNC	CEDAR	202301615	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/11/2023
IA3100823	Gavin Estates	52	CWS	DUBUQUE	202301154	Radium, Combined (226, 228)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/26/2023
IA3100823	Gavin Estates	52	CWS	DUBUQUE	202302288	E. coli	8/6/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/25/2023
IA3100823	Gavin Estates	52	CWS	DUBUQUE	202302302	Failure to conduct Public Notice	8/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA3100823	Gavin Estates	52	CWS	DUBUQUE	202400609	Failure to conduct Public Notice	11/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2023
IA3100823	Gavin Estates	52	CWS	DUBUQUE	202400809	Failure to conduct Public Notice	12/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	1/18/2024
IA5784313	Glenn Oaks Addition	58	CWS	LINN	202300860	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA5784313	Glenn Oaks Addition	58	CWS	LINN	202300861	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA5784313	Glenn Oaks Addition	58	CWS	LINN	202300862	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA5784313	Glenn Oaks Addition	58	CWS	LINN	202301449	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA3544720	Gold Key Motel	58	TNC	FRANKLIN	202300998	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/25/2023
IA3544720	Gold Key Motel	58	TNC	FRANKLIN	202302034	Failure to conduct Public Notice	7/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA3544720	Gold Key Motel	58	TNC	FRANKLIN	202400114	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2023
IA2339094	Goose Lake Muni Water System	239	CWS	CLINTON	202301622	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/7/2023
IA3383903	Gouldsburg Park	30	TNC	FAYETTE	202302340	E. coli	9/30/2023	MCL, EC+ (RTCR)	MCL	BCA Signed	10/3/2023
IA2330401	Grace Lutheran Camp Inc	30	TNC	CLINTON	202301918	Nitrate (as N)	7/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/23/2023
IA3730098	Grand Jct Municipal Water Dept	725	CWS	GREENE	202400838	Chlorine	8/30/2023	Record Keeping	RPT	Compliance Achieved	10/25/2023
IA3730098	Grand Jct Municipal Water Dept	725	CWS	GREENE	202400117	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2023
IA3730098	Grand Jct Municipal Water Dept	725	CWS	GREENE	202400415	Radium, Combined (226, 228)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/3/2023
IA7820558	Green Hills AEA	100	NTNC	POTTAWATTAMIE	202400453	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/13/2023
IA7820558	Green Hills AEA	100	NTNC	POTTAWATTAMIE	202400454	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/13/2023
IA7709395	Greenwood Acres Water Co	325	CWS	POLK	202300961	Failure to conduct Public Notice	2/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/20/2023
IA7930601	Grinnell MHP MHC	313	CWS	POWESHIEK	202400233	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA7930008	Grinnell Water Dept	9564	CWS	POWESHIEK	202400456	Radium, Combined (226, 228)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/21/2023
IA7930008	Grinnell Water Dept	9564	CWS	POWESHIEK	202400457	Gross Alpha, excluding Rn & U	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/21/2023
IA3937477	Guthrie Grove Retreat Center	352	TNC	GUTHRIE	202301634	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/31/2023
IA3549026	Hansell Water Dept	82	CWS	FRANKLIN	202400414	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/13/2023
IA8271101	Harborview Leasing LLC	117	TNC	SCOTT	202301685	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/24/2023
IA0300645	Hartman Riverside Camp #1	46	TNC	ALLAMAKEE	202301598	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/13/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA6527038	Hastings Water Supply	152	CWS	MILLS	202301267	Failure to conduct Public Notice	4/29/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA6527038	Hastings Water Supply	152	CWS	MILLS	202301079	Nitrate (as N)	4/30/2023	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	4/27/2023
IA6527038	Hastings Water Supply	152	CWS	MILLS	202400592	Chlorine	5/30/2023	Operations Report	RPT	Compliance Achieved	7/10/2023
IA6527038	Hastings Water Supply	152	CWS	MILLS	202301316	Nitrate (as N)	5/31/2023	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	5/26/2023
IA6527038	Hastings Water Supply	152	CWS	MILLS	202400570	Nitrate (as N)	11/30/2023	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	11/20/2023
IA6527038	Hastings Water Supply	152	CWS	MILLS	202400817	Failure to conduct Public Notice	12/15/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/5/2024
IA6527038	Hastings Water Supply	152	CWS	MILLS	202400599	Nitrate (as N)	12/31/2023	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	12/13/2023
IA2383201	Heineejos Inc	127	TNC	CLINTON	202301623	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/5/2023
IA2383201	Heineejos Inc	127	TNC	CLINTON	202301624	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/5/2023
IA5879826	Heritage Oaks Golf & Country Club	60	TNC	LOUISA	202301766	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/24/2023
IA8215372	Hickory Hills First Annex HOA	156	CWS	SCOTT	202301668	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/11/2023
IA5282308	Hidden Acres Subdivision	90	CWS	JOHNSON	202400030	Failure to issue Consumer Confidence Report	6/30/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/1/2023
IA9656401	Highland General Store & Campground	59	TNC	WINNESHIEK	202301281	Failure to conduct Public Notice	4/22/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202302311	Failure to conduct Public Notice	8/2/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/11/2023
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202302313	Failure to conduct Public Notice	8/2/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/11/2023
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202302312	Failure to conduct Public Notice	8/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/11/2023
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202302314	Failure to conduct Public Notice	8/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/11/2023
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202302258	Failure to complete Start-Up Procedures	8/31/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	2/26/2024
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202302259	Failure to complete Start-Up Procedures	8/31/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	2/26/2024
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202400472	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202400473	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202400474	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA9233520	Hillcrest Academy	202	NTNC	WASHINGTON	202400475	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA9233205	Him Hearth N Home Cooking	57	TNC	WASHINGTON	202300962	Failure to conduct Public Notice	2/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA1535901	Hitchcock House	216	TNC	CASS	202301459	Failure to conduct Public Notice	5/28/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA7836445	Hitchcock Nature Center	32	TNC	POTTAWATTAMIE	202300736	Failure to conduct Public Notice	1/1/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/20/2023
IA7836445	Hitchcock Nature Center	32	TNC	POTTAWATTAMIE	202302309	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA7836445	Hitchcock Nature Center	32	TNC	POTTAWATTAMIE	202302310	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA3146055	Holy Cross Water Supply	356	CWS	DUBUQUE	202301159	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/23/2023

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IA1970801	Homeland Energy Solution LLC	60	NTNC	CHICKASAW	202301743	Chlorine	6/30/2023	MRDL (Chlorine/Chloramine)	MCL	Compliance Achieved	11/9/2023
IA3383202	Hootys	29	TNC	FAYETTE	202400213	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2023
IA3383202	Hootys	29	TNC	FAYETTE	202400214	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/22/2024
IA3383202	Hootys	29	TNC	FAYETTE	202400780	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/22/2024
IA4641884	Humboldt Country Club	82	TNC	HUMBOLDT	202301786	Chlorine	6/30/2023	Operations Report	RPT	Compliance Achieved	8/1/2023
IA9348065	Humeston Water Plant	522	CWS	WAYNE	202302260	Total Trihalomethanes (TTHM)	7/31/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/3/2024
IA9348065	Humeston Water Plant	522	CWS	WAYNE	202302261	Total Haloacetic Acids (HAA5)	7/31/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/3/2024
IA9348065	Humeston Water Plant	522	CWS	WAYNE	202400180	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/19/2023
IA4938401	Hurstville Interpretive Center	50	TNC	JACKSON	202301233	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/24/2023
IA1672101	HWH Corporation	250	NTNC	CEDAR	202400522	Failure to conduct Public Notice	10/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/12/2023
IA1672101	HWH Corporation	250	NTNC	CEDAR	202400523	Failure to conduct Public Notice	10/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/12/2023
IA1672101	HWH Corporation	250	NTNC	CEDAR	202400031	E. coli	10/31/2023	MCL, EC+ (RTCR)	MCL	Compliance Achieved	12/5/2023
IA4800634	Iowa Valley Estates	46	CWS	IOWA	202300775	Nitrate (as N)	3/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/4/2024
IA4800634	Iowa Valley Estates	46	CWS	IOWA	202300897	Nitrate (as N)	3/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/4/2024
IA4800634	Iowa Valley Estates	46	CWS	IOWA	202300981	Nitrate (as N)	4/30/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/4/2024
IA4800634	Iowa Valley Estates	46	CWS	IOWA	202301092	Nitrate (as N)	5/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/4/2024
IA4800634	Iowa Valley Estates	46	CWS	IOWA	202301345	Nitrate (as N)	6/30/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/4/2024
IA4800634	Iowa Valley Estates	46	CWS	IOWA	202301734	Nitrate (as N)	7/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/4/2024
IA4800634	Iowa Valley Estates	46	CWS	IOWA	202301812	Nitrate (as N)	8/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/4/2024
IA4800634	Iowa Valley Estates	46	CWS	IOWA	202302162	Nitrate (as N)	9/30/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/4/2024
IA4800634	Iowa Valley Estates	46	CWS	IOWA	202400020	Nitrate (as N)	10/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	3/4/2024
IA6300800	IRUA - Pershing Utilities	488	CWS	MARION	202400153	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2023
IA6300800	IRUA - Pershing Utilities	488	CWS	MARION	202400154	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2023
IA8340099	Irwin Municipal Supply	319	CWS	SHELBY	202400770	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/3/2024
IA8503528	ISU	36822	CWS	STORY	202400168	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/8/2023
IA9661201	Jackson Heights Golf Course	72	TNC	WINNESHIEK	202301998	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/8/2023
IA3949000	Jamaica Water Supply	195	CWS	GUTHRIE	202301926	Manganese	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	8/22/2023
IA3949000	Jamaica Water Supply	195	CWS	GUTHRIE	202400842	Chlorine	12/31/2023	Record Keeping	RPT	Compliance Achieved	1/23/2024
IA5225901	Johnson County Ag Assn	218	TNC	JOHNSON	202300870	Failure to conduct Public Notice	1/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/22/2023
IA5225901	Johnson County Ag Assn	218	TNC	JOHNSON	202302003	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2023
IA5225901	Johnson County Ag Assn	218	TNC	JOHNSON	202302268	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2023

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IA5225901	Johnson County Ag Assn	218	TNC	JOHNSON	202400493	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/17/2023
IA5225901	Johnson County Ag Assn	218	TNC	JOHNSON	202400615	Failure to conduct Public Notice	11/28/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5307728	Jones County Local	50	TNC	JONES	202300920	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/1/2023
IA5307728	Jones County Local	50	TNC	JONES	202301048	Failure to conduct Public Notice	4/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA5307728	Jones County Local	50	TNC	JONES	202301265	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA5307728	Jones County Local	50	TNC	JONES	202301266	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA5307728	Jones County Local	50	TNC	JONES	202301168	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/31/2023
IA5307728	Jones County Local	50	TNC	JONES	202301721	Failure to conduct Public Notice	6/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA5307728	Jones County Local	50	TNC	JONES	202302308	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA5307728	Jones County Local	50	TNC	JONES	202400670	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/28/2023
IA4515202	JOS Longbranch	27	TNC	HOWARD	202301054	Failure to conduct Public Notice	3/12/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2023
IA4515202	JOS Longbranch	27	TNC	HOWARD	202301277	Failure to conduct Public Notice	4/12/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2023
IA4515202	JOS Longbranch	27	TNC	HOWARD	202301317	Chlorine	4/30/2023	Operations Report	RPT	Compliance Achieved	7/10/2023
IA4515202	JOS Longbranch	27	TNC	HOWARD	202301456	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/22/2023
IA4515202	JOS Longbranch	27	TNC	HOWARD	202302318	Failure to conduct Public Notice	8/12/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	10/5/2023
IA4515202	JOS Longbranch	27	TNC	HOWARD	202302355	Chlorine	8/31/2023	Operations Report	RPT	Compliance Achieved	10/10/2023
IA4515202	JOS Longbranch	27	TNC	HOWARD	202400271	Failure to conduct Public Notice	9/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	10/24/2023
IA4515202	JOS Longbranch	27	TNC	HOWARD	202400546	Failure to conduct Public Notice	10/12/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/27/2023
IA0712204	K&M Korner	50	TNC	BLACK HAWK	202302281	E. coli	8/26/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/25/2023
IA0712204	K&M Korner	50	TNC	BLACK HAWK	202400059	Coliform bacteria	9/30/2023	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/17/2023
IA0712204	K&M Korner	50	TNC	BLACK HAWK	202400820	Failure to conduct Public Notice	12/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	1/18/2024
IA3070204	Kabeles Trading Post	104	TNC	DICKINSON	202400234	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/13/2023
IA3070204	Kabeles Trading Post	104	TNC	DICKINSON	202400506	Manganese	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/16/2023
IA4979796	Kalmes Store	112	TNC	JACKSON	202301045	Failure to conduct Public Notice	4/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA4979796	Kalmes Store	112	TNC	JACKSON	202301261	Failure to conduct Public Notice	4/17/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA4979796	Kalmes Store	112	TNC	JACKSON	202400238	E. coli	9/10/2023	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	2/21/2024
IA8040015	Kellerton Water Supply	306	CWS	RINGGOLD	202301338	Chlorine	4/27/2023	Operations Report	RPT	Compliance Achieved	6/10/2023
IA9840018	Kensett Water Supply	257	CWS	WORTH	202301784	Chlorine	6/30/2023	Operations Report	RPT	Compliance Achieved	8/1/2023
IA8938026	Keosauqua Water Works	961	CWS	VAN BUREN	202301417	Total Haloacetic Acids (HAA5)	4/30/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/17/2024
IA8938026	Keosauqua Water Works	961	CWS	VAN BUREN	202301418	Total Trihalomethanes (TTHM)	4/30/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/17/2024
IA0543031	Kimballton Utilities	291	CWS	AUDUBON	202300909	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/27/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA0543031	Kimballton Utilities	291	CWS	AUDUBON	202400088	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/25/2023
IA0543031	Kimballton Utilities	291	CWS	AUDUBON	202400648	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/5/2023
IA2223871	Kingdom Hall	80	TNC	CLAYTON	202302356	Coliform (TCR)	8/31/2023	Operations Report	RPT	Compliance Achieved	9/21/2023
IA0398802	Kingdom Hall (Waukon)	50	TNC	ALLAMAKEE	202301319	Chlorine	4/30/2023	Operations Report	RPT	Compliance Achieved	6/1/2023
IA2432034	Kiron Water Supply	267	CWS	CRAWFORD	202302096	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/11/2023
IA1340001	Knierim Water Supply	53	CWS	CALHOUN	202300617	Nitrite (as N)	1/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	9/14/2023
IA1340001	Knierim Water Supply	53	CWS	CALHOUN	202301508	Failure to meet Compliance Schedule	7/5/2023	Variance/Exemption/Compliance Schedule	V/E	Compliance Achieved	7/31/2023
IA1600624	Kochs Meadow Lake Campgrounds	200	TNC	CEDAR	202400101	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2023
IA4515783	K-Town Tap	25	TNC	WINNESHIEK	202301162	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/1/2023
IA4515783	K-Town Tap	25	TNC	WINNESHIEK	202302305	Failure to conduct Public Notice	8/20/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/16/2023
IA4515783	K-Town Tap	25	TNC	WINNESHIEK	202400129	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2023
IA0743888	La Porte City Golf Club	40	TNC	BLACK HAWK	202300990	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/14/2023
IA4840042	Ladora Water Supply	229	CWS	IOWA	202301820	Chlorine	5/31/2023	Operations Report	RPT	Compliance Achieved	10/9/2023
IA1345043	Lake City Water Supply	1731	CWS	CALHOUN	202401077	Gross Alpha, excluding Rn & U	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/21/2024
IA1345043	Lake City Water Supply	1731	CWS	CALHOUN	202401078	Radium, Combined (226, 228)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/21/2024
IA5282803	Lake MacBride Golf Course	45	TNC	JOHNSON	202300821	Coliform bacteria	1/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/2/2023
IA5282941	Lake MacBride State Park East	27	TNC	JOHNSON	202400537	Failure to conduct Public Notice	10/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/2/2024
IA5225315	Lake Ridge, Inc	1300	CWS	JOHNSON	202301275	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/17/2023
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400700	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400969	Benzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400970	Carbon Tetrachloride	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400971	o-Dichlorobenzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400972	p-Dichlorobenzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400973	1,2-Dichloroethane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400974	cis-1,2-Dichloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400975	1,1-Dichloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400976	trans-1,2-Dichloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400977	Dichloromethane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400978	1,2-Dichloropropane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400979	Ethylbenzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024

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IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400980	Monochlorobenzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400981	Styrene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400982	Tetrachloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400983	Toluene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400984	1,2,4-Trichlorobenzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400985	1,1,1-Trichloroethane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400986	1,1,2-Trichloroethane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400987	Trichloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400988	Vinyl Chloride	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400989	Xylenes	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400990	Alachlor (Lasso)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400991	Atrazine	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400992	2,4-D	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400993	Di(2-Ethylhexyl) Adipate	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400994	Di(2-Ethylhexyl) Phthalate	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400995	Pentachlorophenol	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400996	Picloram	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400997	Simazine	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400998	Diquat	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5280305	Lake Woods HOA	114	CWS	JOHNSON	202400999	Glyphosate	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA1716301	Lakeshore Water Assn	38	TNC	CERRO GORDO	202400745	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/5/2024
IA3730886	Lakeside National Golf Club	30	TNC	GREENE	202400118	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2023
IA2740050	Lamoni Municipal Utilities	2104	CWS	DECATUR	202301626	Carbon, Total Organic (TOC)	6/30/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	9/13/2023
IA2740050	Lamoni Municipal Utilities	2104	CWS	DECATUR	202301627	Chlorite	6/30/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	9/13/2023
IA2740050	Lamoni Municipal Utilities	2104	CWS	DECATUR	202302230	Chlorite	8/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/13/2023
IA2740050	Lamoni Municipal Utilities	2104	CWS	DECATUR	202302231	Carbon, Total Organic (TOC)	8/31/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	9/13/2023
IA1449053	Lanesboro Water Works	119	CWS	CARROLL	202300726	Failure to conduct Public Notice	1/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/16/2023
IA1449053	Lanesboro Water Works	119	CWS	CARROLL	202301065	Arsenic	6/30/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	10/25/2023
IA1449053	Lanesboro Water Works	119	CWS	CARROLL	202301793	Arsenic	9/30/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	10/25/2023
IA1449053	Lanesboro Water Works	119	CWS	CARROLL	202400027	Arsenic	12/31/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	10/25/2023
IA1957064	Lawler Water Supply	406	CWS	CHICKASAW	202301305	Failure to obtain construction permit	5/8/2023	Construction Without Permit	STA	Compliance Achieved	6/2/2023

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IA1957064	Lawler Water Supply	406	CWS	CHICKASAW	202400028	Nitrite (as N)	10/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/6/2023
IA9743065	Lawton Water Supply	943	CWS	WOODBURY	202301677	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/20/2023
IA0680401	Lazy Acres	99	TNC	BENTON	202301698	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/7/2023
IA0680401	Lazy Acres	99	TNC	BENTON	202301769	Chlorine	6/30/2023	Operations Report	RPT	Compliance Achieved	7/31/2023
IA2268601	Lazy Susan Campground	70	TNC	CLAYTON	202302353	Failure to complete Start-Up Procedures	5/31/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	10/9/2023
IA2839401	Lazy T Campground	25	TNC	DELAWARE	202301286	Failure to conduct Public Notice	4/23/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/25/2023
IA2839401	Lazy T Campground	25	TNC	DELAWARE	202301064	Nitrate (as N)	4/30/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	8/1/2023
IA2839401	Lazy T Campground	25	TNC	DELAWARE	202302352	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	10/13/2023
IA2839401	Lazy T Campground	25	TNC	DELAWARE	202301299	Nitrate (as N)	5/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	8/1/2023
IA2839401	Lazy T Campground	25	TNC	DELAWARE	202301374	Nitrate (as N)	6/30/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	8/1/2023
IA2839401	Lazy T Campground	25	TNC	DELAWARE	202301739	Nitrate (as N)	7/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	8/1/2023
IA2839401	Lazy T Campground	25	TNC	DELAWARE	202302054	Nitrate (as N)	8/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	8/1/2023
IA2839401	Lazy T Campground	25	TNC	DELAWARE	202302187	Nitrate (as N)	9/30/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	8/1/2023
IA2839401	Lazy T Campground	25	TNC	DELAWARE	202400282	Nitrate (as N)	10/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	8/1/2023
IA9453071	Le High Water Supply	395	CWS	WEBSTER	202301783	Radium, Combined (226, 228)	3/31/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	8/9/2023
IA9453071	Le High Water Supply	395	CWS	WEBSTER	202301518	Radium, Combined (226, 228)	6/30/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	8/9/2023
IA9453071	Le High Water Supply	395	CWS	WEBSTER	202400021	Radium, Combined (226, 228)	9/30/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	8/9/2023
IA0717353	Lenwood Utilities	238	CWS	BLACK HAWK	202300988	Nitrate (as N)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/2/2023
IA0717353	Lenwood Utilities	238	CWS	BLACK HAWK	202300989	Nitrate (as N)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/2/2023
IA2742076	Leon Water Supply	1822	CWS	DECATUR	202302076	Turbidity	7/30/2023	Single Comb Filter Effluent (SWTR)	TT	Compliance Achieved	9/1/2023
IA1535078	Lewis Water Supply	357	CWS	CASS	202400877	Chlorine	10/25/2023	Operations Report	RPT	Compliance Achieved	9/10/2023
IA5148079	Libertyville Water Works	274	CWS	JEFFERSON	202300918	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/9/2023
IA6715204	Lily Jack Saloon	30	TNC	MONONA	202300874	Failure to conduct Public Notice	1/5/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	2/20/2023
IA6715204	Lily Jack Saloon	30	TNC	MONONA	202301250	Manganese	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/29/2023
IA6715204	Lily Jack Saloon	30	TNC	MONONA	202301288	Failure to conduct Public Notice	4/22/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/1/2023
IA6715204	Lily Jack Saloon	30	TNC	MONONA	202301728	Failure to conduct Public Notice	7/1/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2023
IA6715204	Lily Jack Saloon	30	TNC	MONONA	202302373	Failure to conduct Level 1 Assessment	9/30/2023	Level 1 Assessment, Multiple TC+ (RTCR)	TT	Compliance Achieved	10/16/2023
IA6715204	Lily Jack Saloon	30	TNC	MONONA	202400556	Failure to conduct Public Notice	10/25/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2023
IA6715204	Lily Jack Saloon	30	TNC	MONONA	202400292	E. coli	10/31/2023	MCL, EC+ (RTCR)	MCL	Compliance Achieved	11/29/2023
IA5748201	Lincolnway Investment Group	110	TNC	LINN	202302289	E. coli	8/6/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/8/2023

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IA5700900	Linn Co Engineer and Secondary Roads	658	NTNC	LINN	202300858	Failure to conduct Public Notice	1/19/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/2/2023
IA5700900	Linn Co Engineer and Secondary Roads	658	NTNC	LINN	202400764	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/17/2024
IA5285501	Little Angels Child Care Center	65	NTNC	JOHNSON	202301025	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/1/2023
IA5285501	Little Angels Child Care Center	65	NTNC	JOHNSON	202301230	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/1/2023
IA4333089	Little Sioux Water Dept	166	CWS	HARRISON	202300952	Failure to conduct Public Notice	2/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	4/19/2023
IA3405802	Living Hope Mennonite Church	125	TNC	FLOYD	202400796	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/22/2024
IA4337201	Logan -Missouri Valley Country Club	178	TNC	HARRISON	202301996	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/3/2023
IA4337201	Logan -Missouri Valley Country Club	178	TNC	HARRISON	202400201	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/11/2023
IA3100608	Lost Canyon MHP (Peosta)	97	CWS	DUBUQUE	202400111	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA3100608	Lost Canyon MHP (Peosta)	97	CWS	DUBUQUE	202400112	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA7000689	Louisa Courts MHP & Sales	121	CWS	MUSCATINE	202302283	E. coli	8/27/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/12/2023
IA9233803	Lower Deer Creek Mennonite Church	36	TNC	JOHNSON	202301691	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/7/2023
IA5715209	Loyal Order of the Moose Lodge / C Rapids	70	TNC	LINN	202301684	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/3/2023
IA5715209	Loyal Order of the Moose Lodge / C Rapids	70	TNC	LINN	202302264	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/12/2023
IA5715209	Loyal Order of the Moose Lodge / C Rapids	70	TNC	LINN	202400547	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	12/1/2023
IA1759401	Luckys Last Resort Campground	105	TNC	CERRO GORDO	202301818	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/24/2023
IA1759401	Luckys Last Resort Campground	105	TNC	CERRO GORDO	202400272	Failure to conduct Public Notice	9/8/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	10/24/2023
IA5282311	MacBride Pointe Third Master Maintenance	25	CWS	JOHNSON	202300746	Failure to conduct Public Notice	1/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/26/2023
IA5282311	MacBride Pointe Third Master Maintenance	25	CWS	JOHNSON	202300884	Arsenic	3/31/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	4/5/2023
IA5282311	MacBride Pointe Third Master Maintenance	25	CWS	JOHNSON	202301500	Arsenic	6/30/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	4/5/2023
IA5282311	MacBride Pointe Third Master Maintenance	25	CWS	JOHNSON	202302109	Arsenic	9/30/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	4/5/2023
IA5282311	MacBride Pointe Third Master Maintenance	25	CWS	JOHNSON	202400577	Arsenic	12/31/2023	MCL (Chem-Rad), Average	MCL	BCA Signed	4/5/2023
IA5159001	Maharishi Vedic City Water Supply	60	CWS	JEFFERSON	202400794	Total Trihalomethanes (TTHM)	11/30/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	2/5/2024
IA5159001	Maharishi Vedic City Water Supply	60	CWS	JEFFERSON	202400795	Total Haloacetic Acids (HAA5)	11/30/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	2/5/2024
IA6264063	Mahaska Rural Water (New Sharon)	1368	CWS	MAHASKA	202400438	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/14/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA6545020	Malvern Water Supply	1046	CWS	MILLS	202400444	Manganese	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/28/2023
IA2436023	Manilla Muni Service Dept	758	CWS	CRAWFORD	202301825	Chlorine	5/31/2023	Record Keeping	RPT	Compliance Achieved	12/13/2023
IA6727028	Mapleton Municipal Water Plant	1165	CWS	MONONA	202400825	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	1/30/2024
IA9203461	Marr Park	148	TNC	WASHINGTON	202400773	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/4/2024
IA1558055	Massena Water Supply	364	CWS	CASS	202400015	Arsenic	9/30/2023	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	10/4/2023
IA1558055	Massena Water Supply	364	CWS	CASS	202400520	Failure to conduct Public Notice	10/6/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA1558055	Massena Water Supply	364	CWS	CASS	202400607	Failure to conduct Public Notice	11/2/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA1558055	Massena Water Supply	364	CWS	CASS	202400606	Failure to conduct Public Notice	11/7/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA8557058	Maxwell Water Dept	859	CWS	STORY	202300931	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/7/2023
IA2258012	McGregor Water Dept	747	CWS	CLAYTON	202400106	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/8/2023
IA5252202	Mid River Marina	31	TNC	JOHNSON	202301226	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	3/14/2024
IA5252202	Mid River Marina	31	TNC	JOHNSON	202302323	Failure to conduct Public Notice	8/19/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA3100740	Mid-Mart, Inc	51	TNC	DUBUQUE	202300852	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2023
IA3100740	Mid-Mart, Inc	51	TNC	DUBUQUE	202400751	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2024
IA5784302	Midwater Water and Lighting	72	CWS	LINN	202400151	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA5784302	Midwater Water and Lighting	72	CWS	LINN	202400152	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA4953078	Miles Water Dept	408	CWS	JACKSON	202400665	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/12/2023
IA9155083	Milo Public Water Supply	788	CWS	WARREN	202300864	Failure to conduct Public Notice	1/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/20/2023
IA7849086	Minden Water Supply	600	CWS	POTTAWATTAMIE	202400561	Chlorine	7/27/2023	Operations Report	RPT	Compliance Achieved	12/10/2023
IA7849086	Minden Water Supply	600	CWS	POTTAWATTAMIE	202400560	Chlorine	10/25/2023	Operations Report	RPT	Compliance Achieved	12/10/2023
IA4347093	Modale Water Supply	273	CWS	HARRISON	202301161	Manganese	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/12/2023
IA5225601	Modern Manor, Inc	915	CWS	JOHNSON	202301262	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/17/2023
IA4349094	Mondamin Water Supply	339	CWS	HARRISON	202300854	Failure to conduct Public Notice	1/22/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/3/2023
IA5343203	Monticello Jellystone Park	153	TNC	JONES	202302317	Failure to conduct Public Notice	8/19/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA5300688	Montipark LLC	60	CWS	JONES	202300822	Nitrate (as N)	1/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/17/2023
IA5300688	Montipark LLC	60	CWS	JONES	202300823	Coliform bacteria	1/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/1/2023
IA5300688	Montipark LLC	60	CWS	JONES	202300856	Failure to conduct Public Notice	1/31/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2023
IA5300688	Montipark LLC	60	CWS	JONES	202300953	Failure to conduct Public Notice	2/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA5300688	Montipark LLC	60	CWS	JONES	202300919	Nitrate (as N)	2/28/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	3/16/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301002	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	4/20/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA5300688	Montipark LLC	60	CWS	JONES	202301003	Nitrate (as N)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	4/20/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301046	Failure to conduct Public Notice	4/1/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301263	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301264	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301166	Nitrate (as N)	4/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	5/18/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301167	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	5/18/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301444	Failure to conduct Public Notice	5/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301399	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	6/22/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301400	Nitrate (as N)	5/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	6/22/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301720	Failure to conduct Public Notice	6/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301645	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	7/20/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301646	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/20/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400702	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA5300688	Montipark LLC	60	CWS	JONES	202302036	Failure to conduct Public Notice	7/3/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA5300688	Montipark LLC	60	CWS	JONES	202302037	Failure to conduct Public Notice	7/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA5300688	Montipark LLC	60	CWS	JONES	202302038	Failure to conduct Public Notice	7/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301945	Nitrate (as N)	7/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	8/24/2023
IA5300688	Montipark LLC	60	CWS	JONES	202301946	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	8/24/2023
IA5300688	Montipark LLC	60	CWS	JONES	202302306	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA5300688	Montipark LLC	60	CWS	JONES	202302307	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA5300688	Montipark LLC	60	CWS	JONES	202302244	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	9/21/2023
IA5300688	Montipark LLC	60	CWS	JONES	202302245	Nitrate (as N)	8/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	9/21/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400137	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400140	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/18/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400264	Failure to conduct Public Notice	9/26/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400265	Failure to conduct Public Notice	9/26/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400023	Chlorine	9/30/2023	Operations Report	RPT	NOV Issued	9/29/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400138	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/18/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400139	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/18/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400425	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400426	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/16/2023

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IA5300688	Montipark LLC	60	CWS	JONES	202400538	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400539	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400427	Nitrate (as N)	10/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/16/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400428	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/16/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400611	Failure to conduct Public Notice	11/28/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400612	Failure to conduct Public Notice	11/28/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400668	Nitrate (as N)	11/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/3/2024
IA5300688	Montipark LLC	60	CWS	JONES	202400669	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/22/2023
IA5300688	Montipark LLC	60	CWS	JONES	202400813	Failure to conduct Public Notice	12/25/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/21/2024
IA5300688	Montipark LLC	60	CWS	JONES	202400814	Failure to conduct Public Notice	12/25/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/21/2024
IA5300688	Montipark LLC	60	CWS	JONES	202400762	Nitrate (as N)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/18/2024
IA5300688	Montipark LLC	60	CWS	JONES	202400763	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/18/2024
IA6731006	Moorhead Water Supply	229	CWS	MONONA	202302250	Total Haloacetic Acids (HAA5)	7/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2023
IA6731006	Moorhead Water Supply	229	CWS	MONONA	202302251	Total Trihalomethanes (TTHM)	7/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2023
IA5758801	Mount Vernon Community Bible Church	88	TNC	LINN	202302027	E. coli	7/31/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/16/2023
IA8222603	Mt Joy Mobile Home Park	173	CWS	SCOTT	202400167	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/9/2023
IA7048501	Muscatine Comm School Transportation Bldg	50	TNC	MUSCATINE	202302006	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/3/2023
IA7048501	Muscatine Comm School Transportation Bldg	50	TNC	MUSCATINE	202400616	Failure to conduct Public Notice	11/28/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA1222404	NE Iowa Christian Service Camps	75	TNC	BUTLER	202400092	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/29/2023
IA1222404	NE Iowa Christian Service Camps	75	TNC	BUTLER	202400867	Chlorine	12/31/2023	Record Keeping	RPT	Compliance Achieved	2/2/2024
IA7853043	Neola Light & Water	918	CWS	POTTAWATTAMIE	202301339	Chlorine	4/27/2023	Operations Report	RPT	Compliance Achieved	6/10/2023
IA7853043	Neola Light & Water	918	CWS	POTTAWATTAMIE	202400769	Nitrate (as N)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/18/2024
IA9958101	New Cooperative Rowan Mill	25	NTNC	FRANKLIN	202400792	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/30/2024
IA9958101	New Cooperative Rowan Mill	25	NTNC	FRANKLIN	202400860	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	NOV Issued	2/1/2024
IA9475101	New Cooperative, Inc (Roelyn)	80	NTNC	WEBSTER	202301244	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/25/2023
IA9475101	New Cooperative, Inc (Roelyn)	80	NTNC	WEBSTER	202301705	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/26/2023
IA9475101	New Cooperative, Inc (Roelyn)	80	NTNC	WEBSTER	202400793	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/8/2024
IA4271062	New Providence Water Supply	236	CWS	HARDIN	202302236	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/11/2023
IA3165014	New Vienna Water Supply	382	CWS	DUBUQUE	202400406	Nitrogen-Ammonia (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/13/2023

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IA7052204	Newts Cafe	102	TNC	MUSCATINE	202301466	Chlorine	6/19/2023	Operations Report	RPT	Compliance Achieved	2/13/2024
IA7052204	Newts Cafe	102	TNC	MUSCATINE	202302044	Failure to conduct Public Notice	7/22/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/13/2024
IA6377701	North Corp Water	180	CWS	MARION	202300866	Failure to conduct Public Notice	1/2/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/11/2023
IA4858070	North English Water Dept	1065	CWS	IOWA	202301819	Chlorine	5/31/2023	Operations Report	RPT	Compliance Achieved	2/7/2024
IA9855201	Northwood Country Club	42	TNC	WORTH	202301210	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/16/2023
IA9855201	Northwood Country Club	42	TNC	WORTH	202301211	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/16/2023
IA9855201	Northwood Country Club	42	TNC	WORTH	202301722	Failure to conduct Public Notice	6/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	7/24/2023
IA5225308	Northwood Estates	52	CWS	JOHNSON	202400562	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA1716820	Oak Hills Par 30 Golf Course	60	TNC	CERRO GORDO	202301388	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/6/2023
IA1716820	Oak Hills Par 30 Golf Course	60	TNC	CERRO GORDO	202400257	Failure to conduct Public Notice	9/26/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	11/3/2023
IA5225302	Oak Ridge Lake Estates	88	CWS	JOHNSON	202300855	Failure to conduct Public Notice	1/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA5225302	Oak Ridge Lake Estates	88	CWS	JOHNSON	202300966	Coliform (TCR)	3/31/2023	Treatment Techniques (Other)	TT	Compliance Achieved	5/26/2023
IA5225302	Oak Ridge Lake Estates	88	CWS	JOHNSON	202301719	Failure to conduct Public Notice	6/18/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA3203301	Oak Shores	55	CWS	EMMET	202302273	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/19/2023
IA3203301	Oak Shores	55	CWS	EMMET	202302274	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/19/2023
IA0497301	Oaks Road Rural Subdivision	45	TNC	APPANOOSE	202300873	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/23/2023
IA4938205	Obies	64	TNC	JACKSON	202300818	Coliform bacteria	1/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/7/2023
IA4938205	Obies	64	TNC	JACKSON	202300916	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/7/2023
IA4938205	Obies	64	TNC	JACKSON	202301164	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/8/2023
IA4938205	Obies	64	TNC	JACKSON	202301944	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/22/2023
IA4938205	Obies	64	TNC	JACKSON	202400664	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2024
IA4938205	Obies	64	TNC	JACKSON	202400758	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/2/2024
IA7239086	Ocheyedan Water Works	439	CWS	OSCEOLA	202302101	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA6642201	Old County Seat Bar & Grill	101	TNC	MITCHELL	202400868	Chlorine	12/31/2023	Record Keeping	RPT	Compliance Achieved	2/1/2024
IA7414202	One More Mollys	50	TNC	PALO ALTO	202300846	Coliform bacteria	1/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/11/2023
IA7414202	One More Mollys	50	TNC	PALO ALTO	202300947	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/11/2023
IA7414202	One More Mollys	50	TNC	PALO ALTO	202301037	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/11/2023
IA6663829	Osage Motel	25	TNC	MITCHELL	202301010	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/20/2023
IA6663829	Osage Motel	25	TNC	MITCHELL	202301268	Failure to conduct Public Notice	4/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/18/2023
IA6663829	Osage Motel	25	TNC	MITCHELL	202301787	Chlorine	6/30/2023	Operations Report	RPT	Compliance Achieved	8/13/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA6663829	Osage Motel	25	TNC	MITCHELL	202302039	Failure to conduct Public Notice	7/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/29/2023
IA9677007	Ossian Water Supply	802	CWS	WINNESHIEK	202400598	Lead	12/31/2023	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	12/13/2023
IA5260017	Oxford Water Supply	722	CWS	JOHNSON	202400136	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/4/2023
IA7561021	Oyens Water Supply	92	CWS	PLYMOUTH	202302104	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/31/2023
IA7622024	Palmer Water Supply	138	CWS	POCAHONTAS	202301494	Chlorine	5/30/2023	Record Keeping	RPT	Compliance Achieved	6/26/2023
IA5765101	Palo Water Supply	1407	CWS	LINN	202301227	Nitrite (as N)	4/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/24/2023
IA5815801	Papas Paradise Campground	27	TNC	LOUISA	202301271	Failure to conduct Public Notice	4/5/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA5815801	Papas Paradise Campground	27	TNC	LOUISA	202301270	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA5815801	Papas Paradise Campground	27	TNC	LOUISA	202301214	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2023
IA5815801	Papas Paradise Campground	27	TNC	LOUISA	202302315	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA4130802	Peace Reformed Church	105	TNC	HANCOCK	202400123	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/2/2023
IA4130802	Peace Reformed Church	105	TNC	HANCOCK	202400124	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/22/2024
IA6743401	Peters Park	32	TNC	MONONA	202301248	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2023
IA2258923	Pikes Peak State Park Campground	720	TNC	CLAYTON	202302361	Failure to obtain construction permit	9/18/2023	Construction Without Permit	STA	NOV Issued	9/18/2023
IA2839204	Pin Oak Pub & Links	100	TNC	DELAWARE	202302275	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2023
IA2839204	Pin Oak Pub & Links	100	TNC	DELAWARE	202400499	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/27/2023
IA2839204	Pin Oak Pub & Links	100	TNC	DELAWARE	202400821	Failure to conduct Public Notice	12/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	1/18/2024
IA2839204	Pin Oak Pub & Links	100	TNC	DELAWARE	202400790	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/30/2024
IA1750816	Pine Creek Golf Course	55	TNC	CERRO GORDO	202301389	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/1/2023
IA1750816	Pine Creek Golf Course	55	TNC	CERRO GORDO	202301390	Nitrate (as N)	5/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/1/2023
IA1750816	Pine Creek Golf Course	55	TNC	CERRO GORDO	202302125	Nitrate (as N)	8/31/2023	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	8/31/2023
IA1750816	Pine Creek Golf Course	55	TNC	CERRO GORDO	202400103	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/3/2023
IA1750816	Pine Creek Golf Course	55	TNC	CERRO GORDO	202400104	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2023
IA1750816	Pine Creek Golf Course	55	TNC	CERRO GORDO	202400026	Nitrate (as N)	10/31/2023	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	10/6/2023
IA4910402	Pleasant Creek Public Area 2	26	TNC	JACKSON	202400245	E. coli	9/17/2023	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	10/18/2023
IA1940827	Plum Creek Golf Club	25	TNC	CHICKASAW	202301742	Chlorine	6/30/2023	Operations Report	RPT	Compliance Achieved	8/14/2023
IA1940827	Plum Creek Golf Club	25	TNC	CHICKASAW	202400380	Nitrate (as N)	10/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/27/2023
IA1940827	Plum Creek Golf Club	25	TNC	CHICKASAW	202400381	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/27/2023
IA6500823	Pony Creek #1 HOA	125	CWS	MILLS	202301340	Chlorine	4/27/2023	Operations Report	RPT	Compliance Achieved	6/10/2023
IA4965201	Preston Valley Golf	100	TNC	JACKSON	202301224	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/12/2023

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IA4965201	Preston Valley Golf	100	TNC	JACKSON	202302321	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/15/2023
IA7155059	Primghar Municipal Water Supply	896	CWS	O'BRIEN	202400448	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/3/2023
IA7853801	Quail Run Country Club	45	TNC	POTTAWATTAMIE	202301272	Failure to conduct Public Notice	4/7/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA7853801	Quail Run Country Club	45	TNC	POTTAWATTAMIE	202301422	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/20/2023
IA4271901	Quakerdale	100	CWS	HARDIN	202300742	Failure to conduct Public Notice	1/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	1/26/2023
IA1855066	Quimby Water Supply	249	CWS	CHEROKEE	202302229	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/5/2023
IA3759487	Raccoon River Bible Camp	83	TNC	GREENE	202400841	Chlorine	11/30/2023	Record Keeping	RPT	Compliance Achieved	1/23/2024
IA1471069	Ralston Water Treatment Plant	81	CWS	CARROLL	202400828	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/6/2024
IA3649072	Randolph Water Works	189	CWS	FREMONT	202302343	Chlorine	5/30/2023	Operations Report	RPT	Compliance Achieved	9/10/2023
IA3649072	Randolph Water Works	189	CWS	FREMONT	202400116	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/27/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301110	Alachlor (Lasso)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301111	Atrazine	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301112	2,4-D	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301113	Di(2-Ethylhexyl) Adipate	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301114	Di(2-Ethylhexyl) Phthalate	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301115	Pentachlorophenol	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301116	Picloram	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301117	Simazine	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301118	Diquat	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301119	Glyphosate	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301120	Benzene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301121	Carbon Tetrachloride	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301122	o-Dichlorobenzene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301123	p-Dichlorobenzene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301124	1,2-Dichloroethane	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023

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IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301125	cis-1,2-Dichloroethylene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301126	1,1-Dichloroethylene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301127	trans-1,2-Dichloroethylene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301128	Dichloromethane	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301129	1,2-Dichloropropane	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301130	Ethylbenzene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301131	Monochlorobenzene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301132	Styrene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301133	Tetrachloroethylene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301134	Toluene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301135	1,2,4-Trichlorobenzene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301136	1,1,1-Trichloroethane	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301137	1,1,2-Trichloroethane	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301138	Trichloroethylene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301139	Vinyl Chloride	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0400900	Rathbun Regional Water Assn (Rathbun)	32000	CWS	APPANOOSE	202301140	Xylenes	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/17/2023
IA0300617	Red Barn Resort and Campground LLC	71	TNC	ALLAMAKEE	202302293	E. coli	8/13/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/14/2023
IA0300617	Red Barn Resort and Campground LLC	71	TNC	ALLAMAKEE	202302157	E. coli	8/31/2023	MCL, EC+ (RTCR)	MCL	Compliance Achieved	11/27/2023
IA0300617	Red Barn Resort and Campground LLC	71	TNC	ALLAMAKEE	202400241	E. coli	9/3/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/5/2023
IA0300617	Red Barn Resort and Campground LLC	71	TNC	ALLAMAKEE	202400251	Failure to conduct Public Notice	9/9/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/21/2023
IA0300617	Red Barn Resort and Campground LLC	71	TNC	ALLAMAKEE	202400083	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/18/2023
IA3126308	Regency West Subdivision	46	CWS	DUBUQUE	202301678	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/28/2023
IA7568079	Remsen Municipal Utilities	1678	CWS	PLYMOUTH	202300763	Failure to meet Compliance Schedule	1/31/2023	Variance/Exemption/Compliance Schedule	V/E	Compliance Achieved	3/30/2023

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IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202300949	E. coli	2/11/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	2/28/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202300963	Failure to conduct Public Notice	2/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202301028	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/26/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202301282	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202301235	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/26/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202301726	Failure to conduct Public Notice	6/20/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202301694	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/30/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202302045	Failure to conduct Public Notice	7/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/24/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202302005	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/30/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202302325	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202400215	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/31/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202400551	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202400684	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/22/2023
IA5260202	Renees Roadhouse	52	TNC	JOHNSON	202400782	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/18/2024
IA9545202	Rice Lake Golf & Country Club	100	TNC	WINNEBAGO	202301834	Failure to complete Start-Up Procedures	3/31/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	8/10/2023
IA9545202	Rice Lake Golf & Country Club	100	TNC	WINNEBAGO	202301207	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/31/2023
IA9545202	Rice Lake Golf & Country Club	100	TNC	WINNEBAGO	202301963	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/10/2023
IA9545202	Rice Lake Golf & Country Club	100	TNC	WINNEBAGO	202400267	Failure to conduct Public Notice	9/8/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	10/24/2023
IA9545202	Rice Lake Golf & Country Club	100	TNC	WINNEBAGO	202400182	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/31/2023
IA9545202	Rice Lake Golf & Country Club	100	TNC	WINNEBAGO	202400183	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/31/2023
IA5470083	Richland Water Supply	584	CWS	KEOKUK	202300824	Coliform bacteria	1/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/21/2023
IA3275087	Ringsted Water Supply	365	CWS	EMMET	202300997	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/17/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202302013	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202302014	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202302015	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202302016	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202302276	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202302277	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202302278	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202302279	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202400224	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202400225	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202400226	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA4910301	River Point Ridge HOA Inc	55	CWS	JACKSON	202400227	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA9260090	Riverside Water Supply	1060	CWS	WASHINGTON	202301672	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/3/2023
IA7780601	Rocklyn MHP	103	CWS	POLK	202302334	Failure to conduct Public Notice	8/7/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA7780601	Rocklyn MHP	103	CWS	POLK	202302335	Failure to conduct Public Notice	8/7/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202301318	Chlorine	4/30/2023	Operations Report	RPT	NOV Issued	5/25/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202302349	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	9/14/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202301441	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202301521	Chlorine	5/31/2023	Operations Report	RPT	NOV Issued	6/22/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202301716	Failure to conduct Public Notice	6/14/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202301767	Chlorine	6/30/2023	Operations Report	RPT	NOV Issued	7/18/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202302033	Failure to conduct Public Notice	7/15/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	8/17/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202302140	Chlorine	7/31/2023	Operations Report	RPT	NOV Issued	8/30/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202302304	Failure to conduct Public Notice	8/12/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202302358	Chlorine	8/31/2023	Operations Report	RPT	NOV Issued	9/18/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202400530	Failure to conduct Public Notice	10/26/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/21/2023
IA3130886	Rolling Knolls Golf Course	118	TNC	DUBUQUE	202400726	Chlorine	10/31/2023	Operations Report	RPT	NOV Issued	1/3/2024
IA9958004	Rowan Muni Water Supply	121	CWS	WRIGHT	202400189	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/24/2023
IA9958004	Rowan Muni Water Supply	121	CWS	WRIGHT	202400190	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/24/2023
IA8215399	Rustic Oaks HOA	100	CWS	SCOTT	202400954	Radium, Combined (226, 228)	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5282201	Saddleback Ridge Golf Course	100	TNC	JOHNSON	202302329	Failure to conduct Public Notice	8/19/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/9/2023
IA5331202	Savor the Barn LLC	25	TNC	JONES	202301704	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/21/2023
IA5331202	Savor the Barn LLC	25	TNC	JONES	202302328	Failure to conduct Public Notice	8/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA1694562	Scattergood Friends School	100	NTNC	CEDAR	202400524	Failure to conduct Public Notice	10/3/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA1694562	Scattergood Friends School	100	NTNC	CEDAR	202400525	Failure to conduct Public Notice	10/3/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA8156028	Schaller Water Supply	729	CWS	SAC	202300973	Failure to Maintain Minimum Chlorine Residual	2/27/2023	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	1/10/2023
IA8251999	Scott Co Pk - Pine Grove	150	TNC	SCOTT	202302028	E. coli	7/22/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/12/2023
IA3759031	Scranton Water System	511	CWS	GREENE	202301925	Manganese	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/6/2023
IA3759031	Scranton Water System	511	CWS	GREENE	202400840	Chlorine	12/31/2023	Record Keeping	RPT	Compliance Achieved	1/23/2024

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA2232201	Sears 66 Service	28	TNC	CLAYTON	202400221	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/7/2023
IA3126345	Shagbark Estates	38	CWS	DUBUQUE	202301712	E. coli	6/12/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/5/2023
IA3126345	Shagbark Estates	38	CWS	DUBUQUE	202302296	E. coli	8/11/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	8/16/2023
IA3126345	Shagbark Estates	38	CWS	DUBUQUE	202400243	E. coli	9/2/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/21/2023
IA3126345	Shagbark Estates	38	CWS	DUBUQUE	202400529	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/21/2023
IA3126345	Shagbark Estates	38	CWS	DUBUQUE	202400810	Failure to conduct Public Notice	12/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	1/18/2024
IA7380036	Shambaugh Muni Water Supply	159	CWS	PAGE	202301760	Total Trihalomethanes (TTHM)	9/30/2023	MCL (Chem-Rad), Average	MCL	NOV Issued	7/24/2023
IA7778039	Sheldahl Water Supply	307	CWS	POLK	202301664	Nitrite (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/17/2023
IA5307802	Shops Above the Wapsi	515	TNC	JONES	202300955	Failure to conduct Public Notice	2/21/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA5307802	Shops Above the Wapsi	515	TNC	JONES	202300956	Failure to conduct Public Notice	2/21/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA5307802	Shops Above the Wapsi	515	TNC	JONES	202302020	E. coli	7/8/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	7/26/2023
IA5307802	Shops Above the Wapsi	515	TNC	JONES	202302210	Coliform bacteria	8/31/2023	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	11/6/2023
IA5307802	Shops Above the Wapsi	515	TNC	JONES	202400141	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/6/2023
IA5307802	Shops Above the Wapsi	515	TNC	JONES	202400510	E. coli	10/23/2023	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	11/16/2023
IA5307802	Shops Above the Wapsi	515	TNC	JONES	202400286	E. coli	10/31/2023	MCL, EC+ (RTCR)	MCL	Compliance Achieved	12/11/2023
IA5307802	Shops Above the Wapsi	515	TNC	JONES	202400613	Failure to conduct Public Notice	11/28/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA9630882	Silvercrest Golf & Country Club, Inc	88	TNC	WINNESHIEK	202301822	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/24/2023
IA9630882	Silvercrest Golf & Country Club, Inc	88	TNC	WINNESHIEK	202301675	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/18/2023
IA9630882	Silvercrest Golf & Country Club, Inc	88	TNC	WINNESHIEK	202400268	Failure to conduct Public Notice	9/8/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	10/24/2023
IA9630882	Silvercrest Golf & Country Club, Inc	88	TNC	WINNESHIEK	202400541	Failure to conduct Public Notice	10/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/27/2023
IA8486053	Sioux Center Municipal Water Dept	8229	CWS	SIOUX	202301670	Nitrate (as N)	5/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/13/2023
IA1175056	Sioux Rapids Water Dept	920	CWS	BUENA VISTA	202302100	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	8/28/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202300840	Nitrate (as N)	1/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/2/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202300934	Nitrate (as N)	2/28/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/2/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202301052	Failure to conduct Public Notice	3/20/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202301276	Failure to conduct Public Notice	4/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	5/19/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202301218	Nitrate (as N)	4/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/15/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202301454	Failure to conduct Public Notice	5/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	7/20/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202301723	Failure to conduct Public Notice	6/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	7/21/2023

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IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202301680	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/26/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202302316	Failure to conduct Public Notice	8/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202302263	Nitrate (as N)	8/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/27/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202400197	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/27/2023
IA4349801	Smalls Fruit Farm Inc	26	TNC	HARRISON	202400543	Failure to conduct Public Notice	10/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2023
IA3198799	SNK Gas and Food LLC	50	TNC	JACKSON	202302357	Chlorine	8/31/2023	Operations Report	RPT	Compliance Achieved	2/2/2024
IA6749061	Soldier Water Supply	184	CWS	MONONA	202400839	Chlorine	11/30/2023	Record Keeping	RPT	Compliance Achieved	1/23/2024
IA9615867	South Winn Golf Club	218	TNC	WINNESHIEK	202301208	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/2/2023
IA5500822	Southdale HOA	70	CWS	KOSSUTH	202301169	Toluene	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/28/2023
IA0385201	Sportsmens Club (Rossville)	45	TNC	ALLAMAKEE	202300865	Failure to conduct Public Notice	1/19/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2023
IA0385201	Sportsmens Club (Rossville)	45	TNC	ALLAMAKEE	202301453	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/22/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202300728	Failure to conduct Public Notice	1/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/6/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202300729	Failure to conduct Public Notice	1/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/6/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202300730	Failure to conduct Public Notice	1/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	4/6/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301258	Failure to conduct Public Notice	4/10/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301259	Failure to conduct Public Notice	4/10/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301260	Failure to conduct Public Notice	4/10/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301148	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301149	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/31/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301150	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	5/30/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301151	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/31/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301152	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	5/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301153	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	5/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301438	Failure to conduct Public Notice	6/1/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301439	Failure to conduct Public Notice	6/1/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202301440	Failure to conduct Public Notice	6/1/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202302032	Failure to conduct Public Notice	7/3/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202302300	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA2909461	Spring Lake Campground	25	TNC	DES MOINES	202302301	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA1253853	St Johns Lutheran Church	52	TNC	BUTLER	202400093	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/3/2023

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IA4045090	Stanhope Water Dept	364	CWS	HAMILTON	202300915	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	3/14/2023
IA4045090	Stanhope Water Dept	364	CWS	HAMILTON	202301717	Failure to conduct Public Notice	6/21/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA3307571	Starmont Comm School Dist	742	NTNC	CLAYTON	202302350	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	10/18/2023
IA2242203	Stockyard	26	TNC	CLAYTON	202400199	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/19/2023
IA2242203	Stockyard	26	TNC	CLAYTON	202400777	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	1/23/2024
IA5307201	Stone City General Store Pub	108	TNC	JONES	202300857	Failure to conduct Public Notice	1/2/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	3/16/2023
IA4051002	Stratford Muni Water Dept	707	CWS	HAMILTON	202301308	Chlorine	4/30/2023	Operations Report	RPT	Compliance Achieved	6/9/2023
IA5221208	Stringtown Grocery	89	TNC	JOHNSON	202401087	Chlorine	10/31/2023	Operations Report	RPT	Compliance Achieved	1/5/2024
IA4300600	Sunnyside Village MHP LLC	190	CWS	HARRISON	202302098	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA4300600	Sunnyside Village MHP LLC	190	CWS	HARRISON	202400128	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/31/2023
IA6368601	Sunrise Mill	237	CWS	MARION	202301856	Failure to issue Lead Consumer Notice	7/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	8/14/2023
IA6368601	Sunrise Mill	237	CWS	MARION	202401034	Copper	12/31/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/26/2024
IA6368601	Sunrise Mill	237	CWS	MARION	202401035	Lead	12/31/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/26/2024
IA5200602	Sunrise Village Mobile Home Park	340	CWS	JOHNSON	202400698	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA5200602	Sunrise Village Mobile Home Park	340	CWS	JOHNSON	202302018	E. coli	7/10/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	6/30/2023
IA5200602	Sunrise Village Mobile Home Park	340	CWS	JOHNSON	202400610	Failure to conduct Public Notice	11/28/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA6739401	Sunset at the Oasis RV Campground	25	TNC	MONONA	202301249	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/2/2023
IA6739401	Sunset at the Oasis RV Campground	25	TNC	MONONA	202302333	Failure to conduct Public Notice	8/21/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/27/2023
IA3405201	Swartzrock Implement Co Inc	37	TNC	FLOYD	202301031	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	4/26/2023
IA3405201	Swartzrock Implement Co Inc	37	TNC	FLOYD	202302048	Failure to conduct Public Notice	7/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	8/29/2023
IA8670013	Tama Water Supply	3130	CWS	TAMA	202301016	Perfluorooctane Sulfonic Acid (PFOS)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/5/2023
IA8670013	Tama Water Supply	3130	CWS	TAMA	202301017	Perfluorooctanoic Acid (PFOA)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/5/2023
IA0398801	TASC INC.	70	NTNC	ALLAMAKEE	202300843	E. coli	1/31/2023	Monitoring (GWR) AS, Major	MON	Compliance Achieved	2/27/2023
IA0398801	TASC INC.	70	NTNC	ALLAMAKEE	202301690	E. coli	6/30/2023	Monitoring (GWR) AS, Major	MON	Compliance Achieved	7/26/2023
IA5307203	Teddys Barn and Grill	100	TNC	JONES	202300798	Coliform bacteria	1/31/2023	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	6/28/2023
IA5307203	Teddys Barn and Grill	100	TNC	JONES	202301056	Failure to conduct Public Notice	3/23/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA5307203	Teddys Barn and Grill	100	TNC	JONES	202301032	Nitrate (as N)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/4/2023
IA5307203	Teddys Barn and Grill	100	TNC	JONES	202301033	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/23/2023

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IA5307203	Teddys Barn and Grill	100	TNC	JONES	202301458	Failure to conduct Public Notice	5/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA3126604	Terrace Heights	548	CWS	DUBUQUE	202400222	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA3126604	Terrace Heights	548	CWS	DUBUQUE	202400223	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA0690304	Terry Water Assn	25	CWS	BENTON	202302062	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/22/2023
IA1957201	The Balk Tank	25	TNC	CHICKASAW	202301254	Failure to conduct Public Notice	4/28/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	5/24/2023
IA1957201	The Balk Tank	25	TNC	CHICKASAW	202301071	Nitrate (as N)	4/30/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	5/2/2023
IA1957201	The Balk Tank	25	TNC	CHICKASAW	202302082	Nitrate (as N)	8/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/23/2024
IA1957201	The Balk Tank	25	TNC	CHICKASAW	202400001	Nitrate (as N)	9/30/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/23/2024
IA1957201	The Balk Tank	25	TNC	CHICKASAW	202400320	Nitrate (as N)	10/31/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/23/2024
IA1957201	The Balk Tank	25	TNC	CHICKASAW	202400581	Nitrate (as N)	11/30/2023	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/23/2024
IA5225210	The Celebration Farm LLC	25	TNC	JOHNSON	202302272	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/26/2023
IA5285209	The Goose INC	109	TNC	JOHNSON	202302271	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/20/2023
IA5343202	The Hillside Bar & Grill	92	TNC	JONES	202300968	Chlorine	1/31/2023	Operations Report	RPT	Compliance Achieved	3/5/2024
IA1211739	The Outpost (DBA)	31	TNC	BUTLER	202300911	Coliform bacteria	2/28/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/18/2023
IA1211739	The Outpost (DBA)	31	TNC	BUTLER	202300993	Coliform bacteria	3/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/18/2023
IA1211739	The Outpost (DBA)	31	TNC	BUTLER	202301142	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/18/2023
IA1211739	The Outpost (DBA)	31	TNC	BUTLER	202301387	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/18/2023
IA9525901	Thorpe Park-Winnebago Conservation	60	TNC	WINNEBAGO	202301962	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/15/2023
IA1037201	Three Elms Golf Course	29	TNC	BUCHANAN	202301024	Nitrate (as N)	3/31/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/27/2023
IA9433336	Timberlane Addition	48	CWS	WEBSTER	202300737	Failure to conduct Public Notice	1/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/24/2023
IA9260302	Timberline Estates	95	CWS	WASHINGTON	202400296	Copper	9/30/2023	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/25/2023
IA3126883	Timberline Golf Course Inc	130	TNC	DUBUQUE	202301156	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/30/2023
IA3126883	Timberline Golf Course Inc	130	TNC	DUBUQUE	202301394	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/30/2023
IA3126883	Timberline Golf Course Inc	130	TNC	DUBUQUE	202301631	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/31/2023
IA3126883	Timberline Golf Course Inc	130	TNC	DUBUQUE	202302233	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/6/2023
IA5588026	Titonka Water Supply	511	CWS	KOSSUTH	202400145	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/20/2023
IA7767201	Toad Valley Golf Course	190	TNC	POLK	202302280	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	9/21/2023
IA7767201	Toad Valley Golf Course	190	TNC	POLK	202400235	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	10/18/2023
IA7767201	Toad Valley Golf Course	190	TNC	POLK	202400236	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/18/2023
IA7767201	Toad Valley Golf Course	190	TNC	POLK	202400237	Nitrite (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/18/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA7767201	Toad Valley Golf Course	190	TNC	POLK	202400507	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/13/2023
IA7767201	Toad Valley Golf Course	190	TNC	POLK	202400800	E. coli	12/11/2023	Monitoring (GWR) TG and AD, Major	MON	NOV Issued	1/23/2024
IA7767201	Toad Valley Golf Course	190	TNC	POLK	202400823	Failure to conduct Public Notice	12/25/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/5/2024
IA7767201	Toad Valley Golf Course	190	TNC	POLK	202400797	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	1/18/2024
IA8676027	Toledo Water Supply	2369	CWS	TAMA	202301958	Manganese	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2023
IA7820204	Town & Country Aqua Club	30	TNC	POTTAWATTAMIE	202301765	Failure to complete Start-Up Procedures	5/31/2023	Start-Up Procedures TT (RTCR)	TT	NOV Issued	7/24/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202300749	Nitrate (as N)	1/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202300887	Nitrate (as N)	2/28/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202300978	Nitrate (as N)	3/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202301072	Nitrate (as N)	4/30/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202301312	Nitrate (as N)	5/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202302049	Failure to conduct Public Notice	7/27/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/29/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202301762	Nitrate (as N)	7/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202302111	Nitrate (as N)	8/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202302359	Coliform (TCR)	8/31/2023	Operations Report	RPT	NOV Issued	9/18/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202302331	Failure to conduct Public Notice	8/31/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	9/29/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202400228	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/31/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202400230	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202400321	Nitrate (as N)	10/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202400578	Nitrate (as N)	11/30/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA3122201	Town Clock	158	TNC	DUBUQUE	202400704	Nitrate (as N)	12/31/2023	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	2/28/2023
IA2254844	Tri-City Golf Club	28	TNC	CLAYTON	202400105	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/16/2023
IA3126802	Tri-State Community Church	100	TNC	DUBUQUE	202301693	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/16/2023
IA5786201	Troy Store	502	TNC	LINN	202400781	Coliform bacteria	12/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	2/1/2024
IA6167036	Truro Waterworks	509	CWS	MADISON	202400436	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/13/2023
IA6167036	Truro Waterworks	509	CWS	MADISON	202400437	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	12/13/2023
IA5225208	Turf Masters Lawn & Landscape	40	TNC	JOHNSON	202301692	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/9/2023
IA5225208	Turf Masters Lawn & Landscape	40	TNC	JOHNSON	202400550	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/19/2024
IA5784326	Twin Knolls Fourth/Fifth Addition	90	CWS	LINN	202301452	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA1300101	Twin Lakes Utilities	300	CWS	CALHOUN	202400824	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/1/2024

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IA1716424	Twin Oak Camp Ground	54	TNC	CERRO GORDO	202301817	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	9/11/2023
IA9606201	Under the Stars at Chimney Rock CG LLC	33	TNC	WINNESHIEK	202301429	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/6/2023
IA9606201	Under the Stars at Chimney Rock CG LLC	33	TNC	WINNESHIEK	202301430	Failure to complete Start-Up Procedures	5/31/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	4/27/2023
IA9606201	Under the Stars at Chimney Rock CG LLC	33	TNC	WINNESHIEK	202301697	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/6/2023
IA9606201	Under the Stars at Chimney Rock CG LLC	33	TNC	WINNESHIEK	202400217	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/25/2023
IA9606201	Under the Stars at Chimney Rock CG LLC	33	TNC	WINNESHIEK	202400685	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	12/28/2023
IA0300648	Upper Iowa Resort & Rental	135	TNC	ALLAMAKEE	202400364	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/20/2023
IA0300648	Upper Iowa Resort & Rental	135	TNC	ALLAMAKEE	202400365	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	NOV Issued	11/20/2023
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202300859	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	2/17/2023
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400148	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400150	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/19/2023
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400149	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/31/2023
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400434	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/20/2023
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400435	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/20/2023
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400614	Failure to conduct Public Notice	11/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/21/2023
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400816	Failure to conduct Public Notice	12/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	1/18/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400917	Benzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400918	Carbon Tetrachloride	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400919	o-Dichlorobenzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400920	p-Dichlorobenzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400921	1,2-Dichloroethane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400922	cis-1,2-Dichloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400923	1,1-Dichloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400924	trans-1,2-Dichloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400925	Dichloromethane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400926	1,2-Dichloropropane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400927	Monochlorobenzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400928	Styrene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400929	Tetrachloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024

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IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400930	1,2,4-Trichlorobenzene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400931	1,1,1-Trichloroethane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400932	1,1,2-Trichloroethane	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400933	Trichloroethylene	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA5758101	US Nameplate Company Inc	65	NTNC	LINN	202400934	Vinyl Chloride	12/31/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/22/2024
IA6762043	Ute Water Supply	338	CWS	MONONA	202302099	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/25/2023
IA4300601	Valley View Water Assn	65	CWS	HARRISON	202302237	Total Trihalomethanes (TTHM)	7/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2023
IA4300601	Valley View Water Assn	65	CWS	HARRISON	202302238	Total Haloacetic Acids (HAA5)	7/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	9/18/2023
IA5784303	Vern Acres (Oliphant Addition)	150	CWS	LINN	202301445	Failure to conduct Public Notice	5/13/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	7/3/2023
IA1970207	Vern Laures Auto Center Inc	48	TNC	CHICKASAW	202301695	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/26/2023
IA4875050	Victor Municipal Water Dept	875	CWS	IOWA	202302241	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/13/2023
IA0345481	Village Creek Bible Camp	166	TNC	ALLAMAKEE	202301600	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/26/2023
IA6985051	Villisca Municipal Water Dept	1132	CWS	MONTGOMERY	202301341	Chlorine	4/27/2023	Operations Report	RPT	Compliance Achieved	6/10/2023
IA9580203	Vinje Pub	48	TNC	WINNEBAGO	202400065	Coliform bacteria	9/30/2023	Monitoring (RTCR), Add. Routine Major	MON	Compliance Achieved	10/2/2023
IA8209359	Vista Hills Water Assn	39	CWS	SCOTT	202301667	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/29/2023
IA8209359	Vista Hills Water Assn	39	CWS	SCOTT	202400165	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/23/2023
IA8209359	Vista Hills Water Assn	39	CWS	SCOTT	202400540	Failure to conduct Public Notice	10/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA7078815	Wahkonsa Country Club	60	TNC	CEDAR	202301953	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/22/2023
IA9260301	Waldschmidt Subdivision	45	CWS	WASHINGTON	202302025	E. coli	7/24/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/10/2023
IA5225214	Walker Homestead Farm & Winery	101	TNC	JOHNSON	202302017	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/1/2023
IA5225214	Walker Homestead Farm & Winery	101	TNC	JOHNSON	202400617	Failure to conduct Public Notice	11/28/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/22/2023
IA3290060	Wallingford Municipal Waterworks	165	CWS	EMMET	202301922	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/21/2023
IA5307200	Wapsipinicon Country Club	85	TNC	JONES	202300954	Failure to conduct Public Notice	2/21/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA5307200	Wapsipinicon Country Club	85	TNC	JONES	202301047	Failure to conduct Public Notice	4/1/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	6/30/2023
IA6525101	Warehouse Specialist LLC	25	TNC	MILLS	202300872	Failure to conduct Public Notice	1/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/7/2023
IA6525101	Warehouse Specialist LLC	25	TNC	MILLS	202300872	Failure to conduct Public Notice	1/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/7/2023
IA6525101	Warehouse Specialist LLC	25	TNC	MILLS	202301057	Failure to conduct Public Notice	3/5/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA6525101	Warehouse Specialist LLC	25	TNC	MILLS	202302050	Failure to conduct Public Notice	7/17/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA6525101	Warehouse Specialist LLC	25	TNC	MILLS	202400822	Failure to conduct Public Notice	12/6/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	3/5/2024
IA0397203	Waterville Bar	25	TNC	ALLAMAKEE	202301768	Chlorine	6/30/2023	Operations Report	RPT	Compliance Achieved	7/25/2023

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IA3600918	Waubonsie State Pk (Bridle Trl)	66	TNC	FREMONT	202400115	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/9/2023
IA5225306	Wendram Bluff Homes Water System	68	CWS	JOHNSON	202400699	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA1600682	West Branch MHP	400	CWS	CEDAR	202301306	E. coli	5/31/2023	MCL, EC+ (RTCR)	MCL	Compliance Achieved	6/27/2023
IA1600682	West Branch MHP	400	CWS	CEDAR	202400893	Copper	12/31/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/22/2024
IA1600682	West Branch MHP	400	CWS	CEDAR	202400894	Lead	12/31/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/22/2024
IA0690306	West Well (Walford)	28	CWS	BENTON	202301245	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	5/17/2023
IA0690306	West Well (Walford)	28	CWS	BENTON	202301435	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/31/2023
IA0690306	West Well (Walford)	28	CWS	BENTON	202301706	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/31/2023
IA0690306	West Well (Walford)	28	CWS	BENTON	202301707	Nitrite (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/29/2023
IA0690306	West Well (Walford)	28	CWS	BENTON	202301708	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/29/2023
IA0690306	West Well (Walford)	28	CWS	BENTON	202302063	Failure to issue Consumer Confidence Report	7/31/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	8/15/2023
IA0690306	West Well (Walford)	28	CWS	BENTON	202302332	Failure to conduct Public Notice	8/21/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	9/21/2023
IA0690306	West Well (Walford)	28	CWS	BENTON	202400503	Copper	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/20/2023
IA0690306	West Well (Walford)	28	CWS	BENTON	202400504	Lead	9/30/2023	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/20/2023
IA0690306	West Well (Walford)	28	CWS	BENTON	202400502	Coliform bacteria	10/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	11/2/2023
IA7820401	Westfair	238	TNC	POTTAWATTAMIE	202301221	Failure to complete Start-Up Procedures	4/30/2023	Start-Up Procedures TT (RTCR)	TT	Compliance Achieved	5/16/2023
IA7820401	Westfair	238	TNC	POTTAWATTAMIE	202301222	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	6/29/2023
IA7820401	Westfair	238	TNC	POTTAWATTAMIE	202301997	Coliform bacteria	7/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	8/24/2023
IA7820401	Westfair	238	TNC	POTTAWATTAMIE	202302319	Failure to conduct Public Notice	8/22/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA7820401	Westfair	238	TNC	POTTAWATTAMIE	202302320	Failure to conduct Public Notice	8/29/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	12/18/2023
IA7820401	Westfair	238	TNC	POTTAWATTAMIE	202400202	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2023
IA2458023	Westside Water Supply	285	CWS	CRAWFORD	202302097	Failure to issue Consumer Confidence Report	7/1/2023	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	11/6/2023
IA2258788	White Springs Supper Club	70	TNC	CLAYTON	202301147	Coliform bacteria	4/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/26/2023
IA2258788	White Springs Supper Club	70	TNC	CLAYTON	202301391	Coliform bacteria	5/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/26/2023
IA2258788	White Springs Supper Club	70	TNC	CLAYTON	202301621	Coliform bacteria	6/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	7/26/2023
IA5765404	Wickiup Hill Outdoor Learning Center	60	TNC	LINN	202400682	Coliform bacteria	11/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	12/19/2023
IA4070201	Williams Travel Center	610	TNC	HAMILTON	202302235	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/7/2023
IA4884023	Williamsburg Public Water Supply	3345	CWS	IOWA	202400722	Failure to consult with DNR	12/21/2023	Failure to Consult, GWR	RPT	NOV Issued	12/21/2023
IA4344991	Wilson Island State Rec Area	60	TNC	HARRISON	202301826	Chlorine	4/30/2023	Operations Report	RPT	Compliance Achieved	7/26/2023

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA4344991	Wilson Island State Rec Area	60	TNC	HARRISON	202302240	Coliform bacteria	8/31/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	9/11/2023
IA9233201	Windmill Ridge Campground	27	TNC	WASHINGTON	202301280	Failure to conduct Public Notice	4/24/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	6/29/2023
IA9233201	Windmill Ridge Campground	27	TNC	WASHINGTON	202302282	E. coli	8/19/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	9/28/2023
IA9233201	Windmill Ridge Campground	27	TNC	WASHINGTON	202400248	E. coli	9/2/2023	Monitoring (GWR) TG and AD, Major	MON	Compliance Achieved	10/21/2023
IA9233201	Windmill Ridge Campground	27	TNC	WASHINGTON	202400206	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/18/2023
IA1570032	Wiota Water Works	95	CWS	CASS	202302348	Failure to issue Consumer Confidence Report	7/30/2023	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/21/2023
IA1570032	Wiota Water Works	95	CWS	CASS	202400875	Chlorine	10/25/2023	Operations Report	RPT	Compliance Achieved	10/25/2023
IA4170033	Woden Water Supply	188	CWS	HANCOCK	202400125	Total Trihalomethanes (TTHM)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2023
IA4170033	Woden Water Supply	188	CWS	HANCOCK	202400126	Total Haloacetic Acids (HAA5)	8/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	10/20/2023
IA4388034	Woodbine Water Dept	1622	CWS	HARRISON	202400826	Failure to issue Lead Consumer Notice	12/31/2023	Lead Consumer Notice (Pb/Cu)	RPT	Compliance Achieved	2/2/2024
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202300733	Failure to conduct Public Notice	1/1/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	1/26/2023
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202301828	Chlorine	4/30/2023	Operations Report	RPT	Compliance Achieved	7/26/2023
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202301635	Nitrate (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/7/2023
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202301636	Nitrite (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/7/2023
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202301637	Nitrite (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/7/2023
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202301927	Nitrogen-Ammonia (as N)	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/7/2023
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202301928	Manganese	6/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/7/2023
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202400531	Failure to conduct Public Notice	10/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2023
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202400532	Failure to conduct Public Notice	10/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2023
IA4375401	Woodland Camp Property Owners	1037	TNC	HARRISON	202400533	Failure to conduct Public Notice	10/23/2023	Public Notice Rule Linked to Violation	PN	NOV Issued	11/20/2023
IA5502319	Woodlyn Hills	110	CWS	KOSSUTH	202400142	Nitrate (as N)	9/30/2023	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/14/2023
IA9545801	Word of Faith Dominion Church	81	TNC	WINNEBAGO	202400216	Coliform bacteria	9/30/2023	Monitoring (RTCR), Routine Major	MON	Compliance Achieved	10/31/2023
IA0844006	Xenia RWD (Boone)	4565	CWS	BOONE	202302171	Total Trihalomethanes (TTHM)	9/30/2023	MCL (Chem-Rad), Average	MCL	NOV Issued	9/13/2023
IA0844006	Xenia RWD (Boone)	4565	CWS	BOONE	202400516	Failure to conduct Public Notice	10/17/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	10/23/2023
IA2576705	Xenia RWD (Woodward)	3362	CWS	DALLAS	202400657	Total Trihalomethanes (TTHM)	10/31/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/17/2024
IA2576705	Xenia RWD (Woodward)	3362	CWS	DALLAS	202400658	Total Haloacetic Acids (HAA5)	10/31/2023	Monitoring (DBP), Routine Major	MON	Compliance Achieved	1/17/2024

PWSID	Name of Public Water Supply	Minimum Population	System Type	County	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Date
IA5784321	Yankee Grove HOA	64	CWS	CEDAR	202302124	Failure to Maintain Minimum Chlorine Residual	6/30/2023	Failure Maintain Microbial Treat (GWR)	TT	Compliance Achieved	9/8/2023
IA1393001	Yetter Municipal Water Supply	25	NTNC	CALHOUN	202300848	Failure to conduct Public Notice	1/23/2023	Public Notice Rule Linked to Violation	PN	Compliance Achieved	2/27/2023
IA8590041	Zearing Water Dept	528	CWS	STORY	202302254	Total Haloacetic Acids (HAA5)	7/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	9/21/2023
IA8590041	Zearing Water Dept	528	CWS	STORY	202302255	Total Trihalomethanes (TTHM)	7/31/2023	Monitoring (DBP), Routine Major	MON	NOV Issued	9/21/2023

Appendix C: WIIN Lead Testing in School and Child Care Program Drinking Water Grant

The Environmental Protection Agency (EPA) Water Infrastructure Improvements for the Nation (WIIN) grant awarded the Iowa Department of Education funds to support public schools and child care centers in voluntary testing of drinking water for lead. This grant program is designed to reduce lead exposure for children, who are most vulnerable, at schools and child care programs. Grant funding will be used to supplement and enhance existing resources.

The WIIN Lead Testing in School and Child Care Program Drinking Water Grants provide an opportunity for schools and child care programs to bring awareness to water quality through voluntary testing, communication, and education. Public schools and child care programs who participate in the grant will receive access to training and technical assistance to implement the grant as well as additional educational resources for completing grant activities.

The priority areas of this grant funding include facilities within low-income areas, facilities with children six years of age or under and facilities built in 1985 or prior to the National Primary Drinking Water Regulations. Grant dollars can be used for the implementation of testing water for lead, retesting of structures if lead levels are above the state and federal action levels and additional education resources. Applications for voluntary participation from public schools and childcare programs are being accepted in 2024 and on a rolling basis while grant funding is available.

To learn more and apply to participate, visit the [WIIN Lead Testing In School and Child Care Program Drinking Water Grant](#) webpage.

Below are the WIIN program testing results from March 1, 2022 to March 31, 2023.

Site/organization	Number of Buildings Tested	Results over the action level/ total tests	Student Population #	Remediation/Notes
Cedar Rapids CSD	4	1/40	2408	Remediation complete
Des Moines CSD	1	0/4	750	
Carroll Head Start	1	0/6	52	
St Alphonsus Early Childhood Education Center	1	0/10	86	
Coon Rapids Head Start	1	0/4	10	
SIEDA Head Start	9	1/46	388	Remediation complete
Riceville CSD	1	0/12	342	
New Opportunities Head Start	1	0/2	50	
Mid Iowa Community Action Head Start	7	0/28	232	