

# State of Iowa Public Drinking Water Program 2011 Annual Compliance Report



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

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Iowa Department of Natural Resources  
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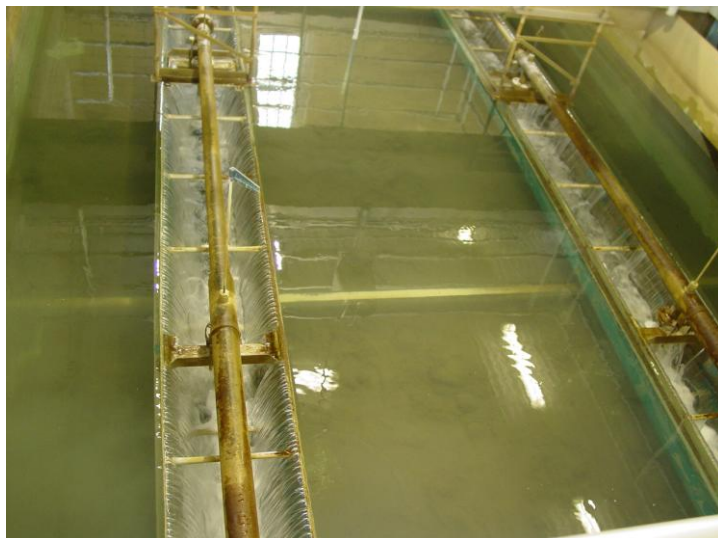
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*All photos in this report were taken by DNR water supply staff during 2011 unless otherwise noted.*

Aerator installed as part of a DWSRF project that was completed in 2011



Observation of filter backwash cycle during filter media inspection

## Introduction

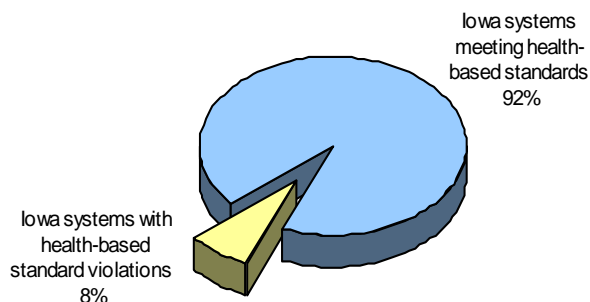
The Iowa Department of Natural Resources (IDNR) administers the Public Drinking Water Program in Iowa under delegation of authority from the United States Environmental Protection Agency (EPA). The 1996 re-authorized Safe Drinking Water Act (SDWA) requires that each state that has been granted primary implementation authority prepare an annual report on violations of national primary drinking water regulations within the state, make the report readily available to the public, and submit it to the EPA. This report fulfills this responsibility in Iowa for the 2011 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 operation certification requirements.

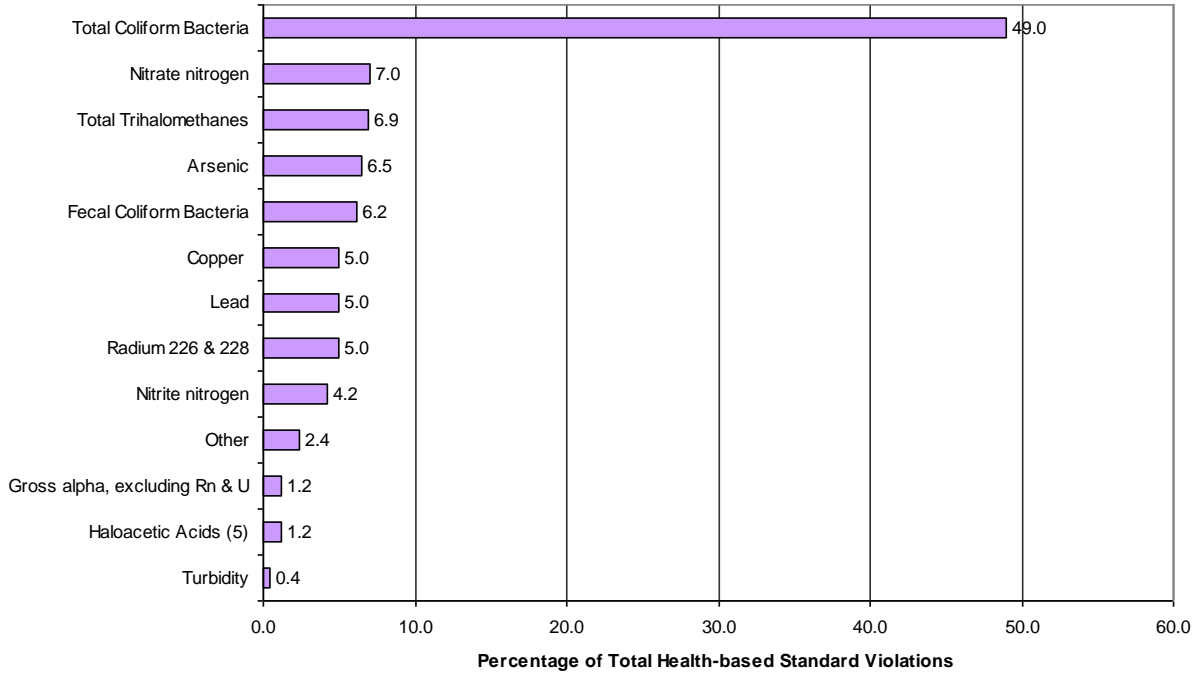
### The 2011 Report Highlights

The overall drinking water program compliance figures in 2011 indicated improved compliance from the previous year. The overall numbers of violations and the numbers of systems with violations both dropped to the lowest levels in ten years.

#### Compliance with Health-Based Standards

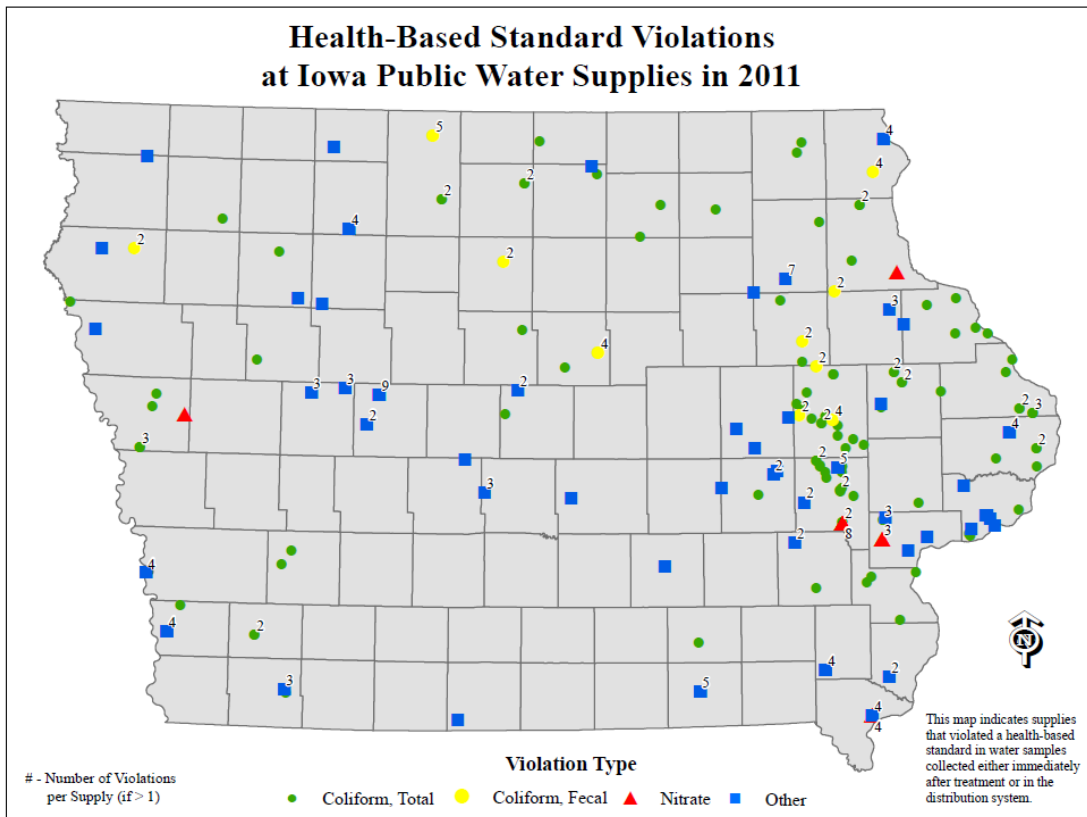
- No waterborne diseases or deaths were reported from Iowa public water supply systems (PWS) in 2011.
- Over 2.64 million people (of the 2.88M people served by Iowa's PWS) regularly received water from systems meeting all health-based drinking water standards.
- Health-based drinking water standards were met by 92.2% of the 1,931 regulated public water supplies. There were 151 public water supplies that had 259 violations of a health-based drinking water standard: maximum contaminant level (MCL), maximum residual disinfectant level (MRDL), treatment technique (TT), or action level (AL).
- Fifteen of the more than 80 regulated contaminants were found at levels that exceeded the health-based standards during 2011. The top 12 contaminants are shown in the chart on the following page, along with the percentage each contributed to the total number of health-based standard violations. Three other health-based standards were each exceeded at least once during the year: the maximum residual disinfectant level for chlorine; and treatment techniques for nitrate and residual chlorine.





### 2011 Health-based Standard Violations Map

The map depicts the health-based standard violations that occurred in 2011 at Iowa's PWS. The three most common violations, non-acute total coliform bacteria, nitrate, and acute fecal coliform or *E. coli* bacteria, are denoted separately. The remaining violations are grouped together as "other."

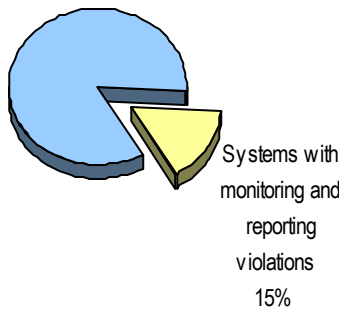


## Compliance with Monitoring & Reporting Requirements

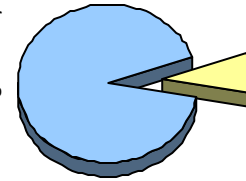
A major monitoring violation is incurred when a required sample is not collected for a specific contaminant.

- Over 2.66 million people regularly received water from Iowa systems that complied with all major monitoring and reporting requirements.

Systems in compliance with all major monitoring and reporting requirements 85%



Population of systems without any major monitoring or reporting violations: 92%



Population of systems with major monitoring or reporting violations: 8%

- Major monitoring and reporting requirements were met by 84.6% of the 1,931 regulated public water supply systems.
- There were 586 major monitoring violations in 2011 at 235 systems. The contaminants for which at least one major monitoring violation was issued are listed below, along with the percentage each contributed to the total number of monitoring violations.

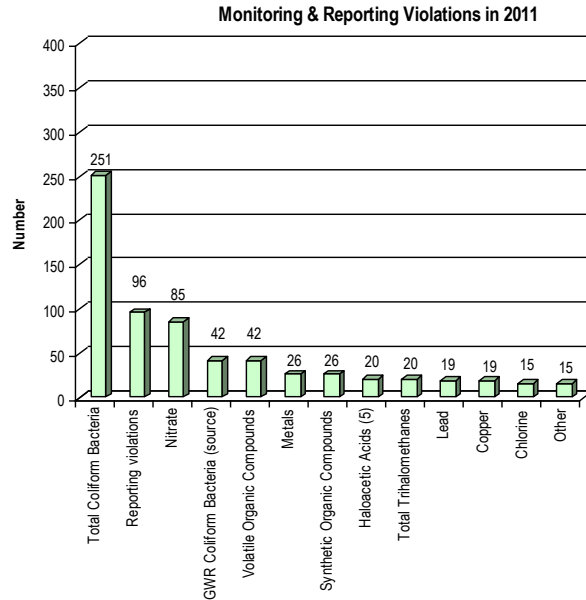
- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>▪ Coliform Bacteria: 42.8%</li> <li>▪ Nitrate: 14.5%</li> <li>▪ GWR Coliform Bacteria (source): 7.2%</li> <li>▪ Volatile Organic Compounds: 7.2%</li> <li>▪ Metals: 4.4%</li> <li>▪ Synthetic Organic Compounds: 4.4%</li> <li>▪ Haloacetic Acids: 3.4%</li> <li>▪ Total Trihalomethanes: 3.4%</li> <li>▪ Lead: 3.2%</li> </ul> | <ul style="list-style-type: none"> <li>▪ Copper: 3.2%</li> <li>▪ Chlorine: 2.6%</li> <li>▪ Nitrite: 1.0%</li> <li>▪ Radium 226 &amp; 228: 0.7%</li> <li>▪ Fluoride: 0.7%</li> <li>▪ Gross Alpha: 0.3%</li> <li>▪ Uranium: 0.3%</li> <li>▪ Total Organic Carbon: 0.3%</li> <li>▪ Chlorite: 0.2%</li> </ul> |
|--|---|

At least one reporting violation was incurred by 84 systems, for a total of 96 reporting violations. These violations were comprised of the following (both the actual number of violations and the percentage of total reporting violations are listed):

- Failure to submit the required monthly operation report: 40 (41.7%)
- Failure to provide a consumer confidence report: 25 (26.0%)
- Failure to obtain a certified operator: 15 (15.6%)
- Failure to meet a compliance schedule: 11 (11.5%)
- Failure to obtain a construction permit: 3 (3.1%)
- Failure to have a monitoring plan: 2 (2.1%)

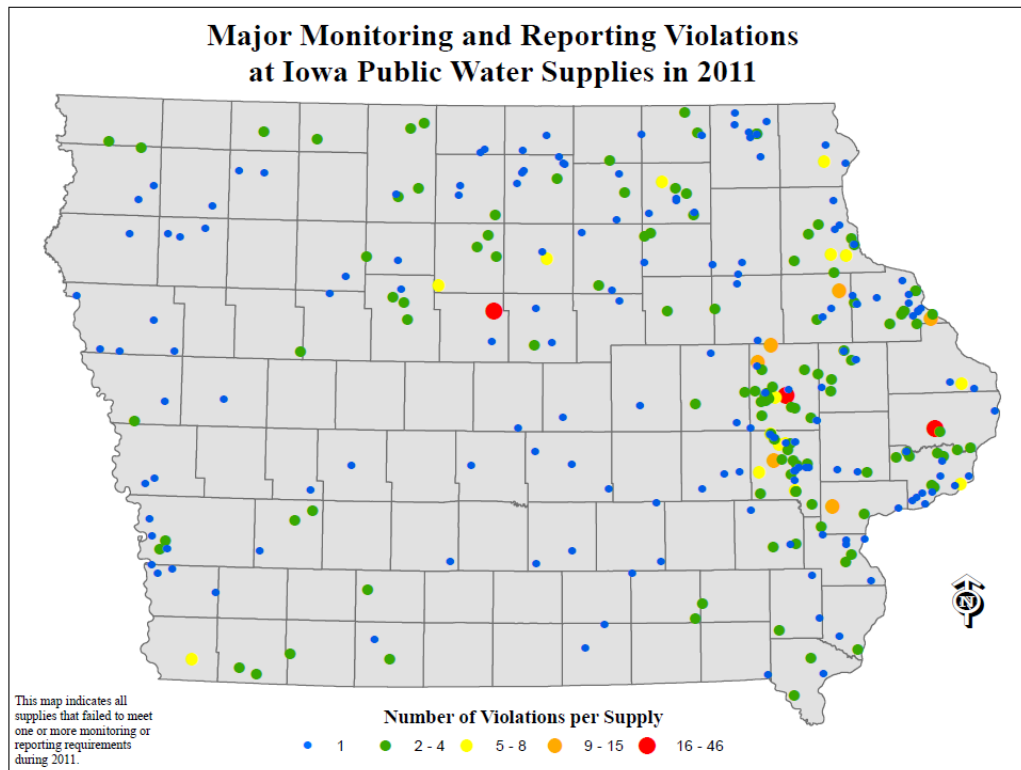


The monitoring and reporting violations are shown in this chart, along with the number each contributed to the total number of monitoring and reporting violations. The analytes with few monitoring violations are grouped together as “other.”



### 2011 Major Monitoring & Reporting Violations Map

This map depicts the systems in Iowa that incurred a major monitoring or reporting violation in 2011. The system with the most violations incurred 34.





## The National Public Drinking Water Program: An Overview

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

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

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

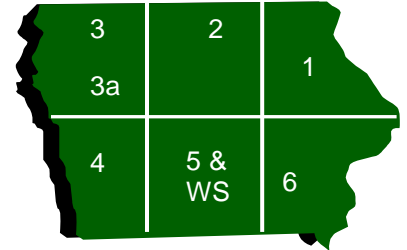
The SDWA allows States and Territories to seek EPA approval to administer the Public Water Supply Supervision Program within their state or territory, which is called primacy. To receive primacy, States must meet certain requirements set forth in the SDWA regulations, including adoption of drinking water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

Native American tribes must meet the same requirements as a state in order to receive primacy. EPA currently administers PWSS Programs on all Indian lands except the Navaho Nation, which was granted primacy in 2000. The three public water supplies operated by Native American tribes in Iowa have not received primacy and are overseen directly by EPA Region 7 (Kansas City): Winn-A-Vegas Casino in Sloan; CasinOmaha in Onawa; and, the Sac & Fox Community in Tama.

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

## The IDNR Drinking Water Program Components

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



### On-Site Inspection

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

### Operation Permitting

- issues the operation permits for each system at least every three years, which lists the system-specific monitoring and operation 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, and
- reviews water conservation plans.

### Drinking Water Operator Certification

- evaluates qualifications of the applicants to determine eligibility for examination,
- certifies operators that successfully complete a written exam,
- renews certification of operators that earn continuing education units.

### Environmental Laboratory Certification

- certifies laboratories that analyze compliance samples under the SDWA,
- contracts with the State Hygienic Laboratory to inspect environmental laboratories every two years and check the accuracy of annual proficiency testing samples.

### Drinking Water State Revolving Loan Program (DWSRF)

- makes low-interest loans to drinking water systems for construction of drinking water sources, treatment, storage and distribution systems to ensure public health and provide safe drinking water,
- conducts environmental reviews,
- makes low-interest loans for implementation of source water protection projects,
- if there are more requests than funding, scores and ranks applications based on whether the projects addresses health risks, rule compliance, infrastructure needs, and source water protection including criteria for loan eligibility. Since 2000, more than \$563 million has been loaned through the DWSRF to Iowa public water supply systems.

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

- **Capacity Development** The department continues to implement a capacity development (also called viability assessment) strategy to improve the financial, technical, and managerial capabilities of all water systems. New systems must be considered viable before they start construction and begin operating. Existing systems are required to conduct self-assessments based upon various performance factors and may need to work with the department on areas determined to be deficient in order to retain viable status. The department has an e-mail newsletter (water supply listserv) written for operators on relevant topics of the day. The listserv is sent at least monthly to the subscribers, which numbered 899 people at the end of December 2011.
- **Area Wide Optimization Program (AWOP)** In 2006, the department began participating in the AWOP program, a national program designed to assist water utilities in optimizing the performance of their existing treatment facilities, as part of the state's capacity development strategy.
  - During 2011, the department concluded its second Microbial Performance-Based Training series with eight surface water treatment plants and six department staff serving as facilitators for the plants. Plant staff learned how to use a calibrated jar test as a mini-pilot plant for addressing performance issues in Sessions 4 and 4A and reported on the outcomes of special studies they performed in Session 5.
  - Field staff continued to become more involved in optimization activities, including groundwater and distribution system optimization.
  - The department adopted state optimization goals into the administrative rules.
  - Throughout the year, the department also continued to work with EPA and its contractor on a pilot program to fully integrate AWOP with the rest of the drinking water program. One of the outcomes of this pilot was a capacity development status component that can be used to prioritize technical assistance efforts to systems most in need.
- **Source Water Protection** The first step in a multiple-barrier approach to drinking water protection is preventing contamination of drinking water sources. The Iowa Geological Survey continues to perform source water delineation and contaminant source inventory assessments for new public water sources, which the systems may then use to develop their system-specific source water protection plans. The primary emphasis of the Source Water Protection program now focuses on the implementation of local source water protection activities and projects. This program was moved from the Water Supply Engineering Section in 2007 and is now housed in the DNR's Land Quality Bureau and the Iowa Geological & Water Survey Bureau.
- **Technical Assistance Contracts** The department administers contracts for projects that provide technical assistance to water operators and to systems serving fewer than 10,000 persons.

- **Public Water System Security** The department provides information, consultation, and training to public water systems and operators regarding drinking water security.



Chemical totes above containment tubs and day tank on scale, installed as part of a DWSRF project completed in 2011



New well and controls installed as part of a DWSRF project completed in 2011

## Iowa's Public Water Supply Systems

### Definition of a Public Water Supply System (PWS)

A public water supply system is a system that provides water to the public for human consumption. The system must have at least 15 service connections or regularly serve an average of at least 25 individuals daily at least 60 days out of the year. An example of a system that is not a public water supply (a private water supply) would be a well serving a farmstead or rural home with 6 residents.

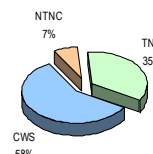
A public water supply system (PWS) is a community water system, a non-transient non-community system, or a transient non-community system.

- A **community water system** (CWS) is a PWS that meets the above definition for year-round residents. Examples of CWSs include municipalities, 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 convenience stores, bars, restaurants with fewer than 25 employees, golf courses, camps, and parks.

### Public Water Supply Systems in Iowa

#### Number of Systems

In 2011, over 2.75 million Iowans were served by community public water supplies, or 90.3% of the total state population (2010 census of 3,046,355), with the remaining 9.7% of the population served by private water supplies. Iowa's 1,931 public water supply systems in 2011 included 1,125 CWS, 137 NTNC, and 669 TNC systems. The map depicting all of Iowa's active public water supply systems in 2011 is shown on the next page.



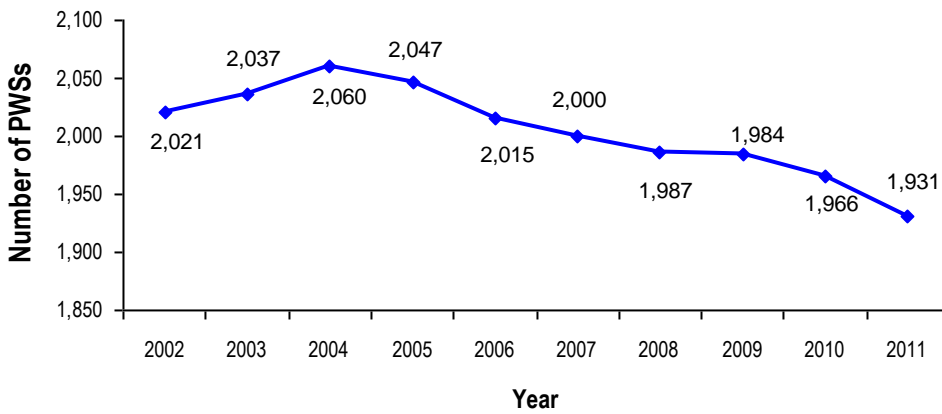
#### System Size

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

Population Served	EPA Classification	Number of Iowa PWS	Percentage of Total Number of PWS	Total Population Served
25 – 500	Very Small	1,360	70.4	183,903
501 – 3,300	Small	439	22.7	526,973
3,301 – 10,000	Medium	87	4.5	491,153
10,001 – 100,000	Large	42	2.2	1,182,367
Over 100,000	Very Large	3	0.2	495,925
	<b>Total</b>	<b>1,931</b>	<b>100.0</b>	<b>2,880,321</b>

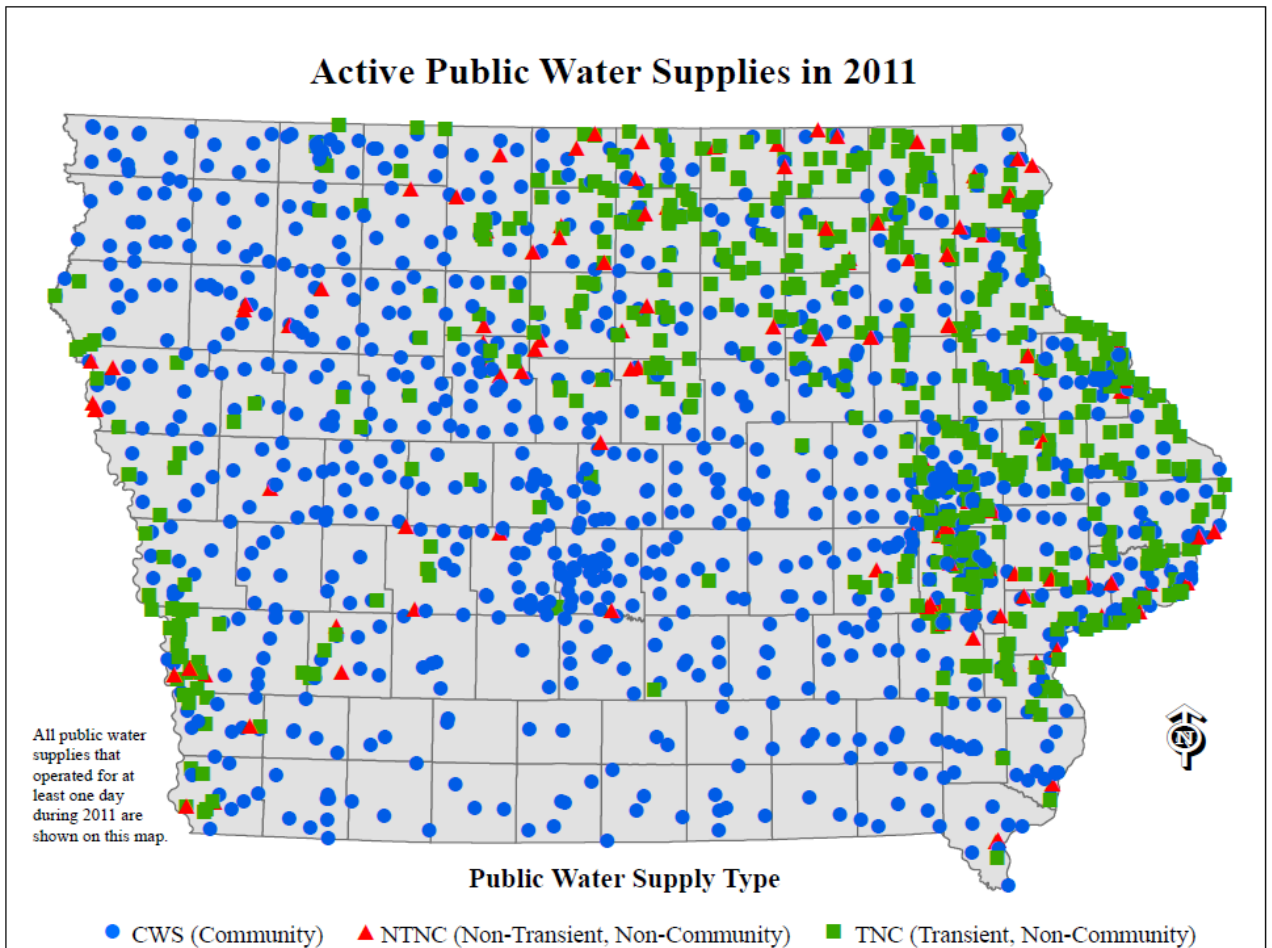


Number of Regulated Iowa PWSs: 2002 - 2011



In 2011, the number of public water supply systems in Iowa continued the downward trend from 2004. Any system that was active for a single day during the year is included in that year's total.

Active Public Water Supplies in 2011



**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.

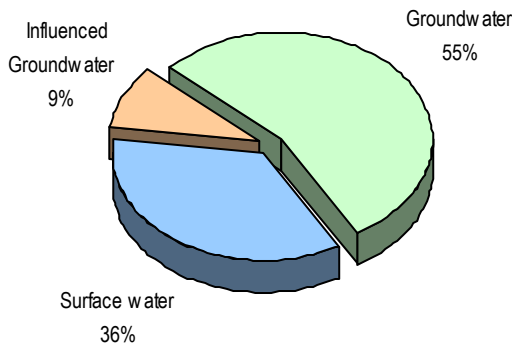
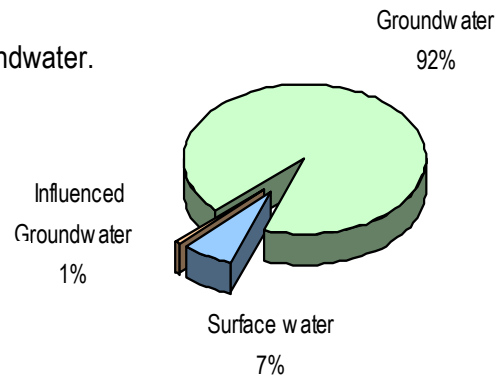
Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are most vulnerable to contamination, followed by influenced groundwater systems. As indicated in the following tables, 92% Iowa's systems are served by groundwater sources, which serve 55% of the population. Surface water and influenced groundwater sources are used in the remaining 8% of systems, yet they serve 45% of the population.

Source of Water	Number of PWS	Percentage of Total PWS	Percentage of Total Population Served
Surface water	130	6.7	35.5
Influenced Groundwater	22	1.2	9.5
Groundwater	1,779	92.1	55.0

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.

**System Source Water in Iowa:**

The vast majority of Iowa's systems are supplied by groundwater.



**Population Served by the various Source Waters:**

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



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

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

With both the MCL and MRDL, if the drinking water meets that limit for a specific contaminant, it is considered to be safe.

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

### Contaminants posing an immediate risk to human health (Acute)

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

#### Coliform Bacteria, including fecal coliform bacteria and *E. coli*—567 IAC 41.2(1)

**Sources of Contamination:** Total coliform bacteria are common in the environment and are generally not harmful themselves. The presence of fecal coliform bacteria and *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 water treatment or the pipes which distribute the water, and indicates that the water may be contaminated with organisms that can cause disease (pathogens).

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

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

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

**Compliance Achieved:** The system returns to compliance when all analytical results are below the MCL in the next month and all required samples are collected as directed.



### 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 (risk of miscarriage) and people with specific metabolic diseases (risk of methemoglobinemia). Boiling the water should not be attempted, 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 when all analytical results are below the MCL in the next month, and all required samples are collected as directed.

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

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

Violation: A system incurs an acute violation when the daily monitoring results in the distribution system exceed 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 when the analytical results are below the MRDL in the next month, and all required samples are collected as directed.

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

### Total Coliform Bacteria—567 IAC 41.2(1)

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

water treatment or the pipes which distribute the water, and indicates that the water may be contaminated with organisms that can cause disease.

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

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

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

Compliance Achieved: The system is returned to compliance when all results are below the MCL in the next month, and all required samples are collected as directed.

### **Inorganic Chemicals—567 IAC 41.3** (not including lead & copper)

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

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

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

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

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

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

Compliance Achieved: The system is returned to compliance when it has no monitoring or MCL violations for a period of one month.

### **Organic Chemicals—567 IAC 41.5**

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 month or quarter, compliance with the MCL is determined using a running annual average.

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

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

**Compliance Achieved:** The system is returned to compliance when it has no monitoring or MCL violations for a period of one month.

### Radionuclides—567 IAC 41.8

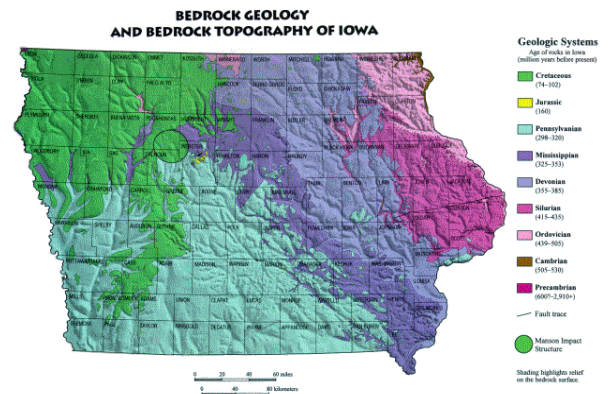
**Source of Contamination:** Alpha emitters, which include radium and uranium, occur naturally in certain groundwaters in the state due to the geological formations, particularly in the deeper aquifers. Beta emitters are usually the result of manmade sources or activities.

**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.

**Health Effects:** Radionuclide contaminants may cause cancer.

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

**Compliance Achieved:** The system is returned to compliance when it has no monitoring or MCL violations for a period of one month.



Map courtesy of IDNR Geological Survey

### Disinfectants—567 IAC 43.6

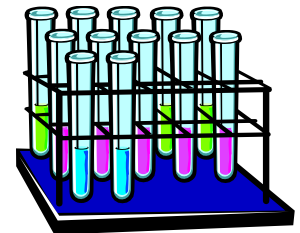
Disinfectants are chemicals added to the drinking water during treatment to provide disinfection at the treatment plant and in the distribution system. They are regulated by a maximum residual disinfectant level, MRDL, which is the maximum amount of disinfectant allowed in the system.

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

**Non-Acute MRDL:** Compliance with the chlorine and chloramine maximum residual disinfectant level (MRDL) is determined from the annual average of twelve months of sampling. Compliance with the chlorine dioxide maximum residual disinfectant level is determined from the comparison of the source/entry point and distribution system samples to the MRDL. Chlorine dioxide can be either an acute (found in the distribution system above the MRDL) or a non-acute health risk (only found at the treatment plant above 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 is returned to compliance when all results are below the MRDL for a period of one month, and all samples are collected as directed.



## Action Level and Treatment Technique Requirements

Certain systems are required to meet action level and treatment technique requirements. All NTNC and CWS systems are required to comply with the lead and copper action levels. All systems using surface water or influenced groundwater are required to comply with the treatment techniques.

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

### Action Level (AL) Requirements

#### Lead/Copper Action Levels—567 IAC 41.4

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

#### Source of Contamination:

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



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

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

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



## Treatment Technique Requirements (TT)

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

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

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



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

### Turbidity—567 IAC 43.5, 43.9, and 43.10

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

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

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

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

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

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

### Residual Disinfectant (minimum)—567 IAC 43.5

All SW/IGW systems must provide disinfection to provide inactivation or removal of 99.9% *Giardia lamblia* cysts and 99.99% viruses. The chlorine residual in drinking water is a measure of the amount of available

chlorine in the water. It also allows the maintenance of an effective disinfectant agent throughout the distribution system.

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

### **CT Ratio—567 IAC 43.5**

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

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

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

Violation: A system incurs a treatment technique violation when the CT ratio or residual disinfectant requirement is insufficient.

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

### **Disinfection Byproduct Precursor Removal—567 IAC 43.6**

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

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

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

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



### **Groundwater Rule—40 CFR 141.400**

All public water systems using groundwater (excluding IGW systems in Iowa) are required to comply with the federal Groundwater Rule, which became effective on December 1, 2009. This rule requires microbial



source water monitoring for groundwater systems that do not treat all of their water to at level of least 99.99% (4-log) virus inactivation or removal. Influenced groundwater systems already meet the requirements of this rule because of the mandatory treatment requirements for that source water type. A positive routine total coliform bacteria sample in the distribution system triggers monitoring of the source water in each well that reasonably could have contributed to the positive sample. The source water sample is then analyzed for one of three fecal indicator organisms: *E. coli*, coliphage, or *Enterococci*. Significant deficiencies determined during a sanitary survey must be addressed and corrected within specified timeframes. Systems using approved 4-log virus inactivation or removal treatment in lieu of triggered source water monitoring must also conduct additional disinfectant residual compliance monitoring.

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

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

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

### **Mandatory Treatment—567 IAC 43.2(5)**

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

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

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

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

Generator for Emergency Power Generation installed as part of a DWSRF project completed in 2011



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

Approximately 2.64 million people received water served by Iowa public water supply systems in 2011 that complied with all health-based standards, including MCL, MRDL, AL, and TT standards. In 2011, 91.9% of the population served by community public water supply systems received water that met all drinking water standards adopted by the department, which was a slight decrease from the 2010 level of 92.1%.

Of the 1,931 regulated PWSs in Iowa, 92.2% were in compliance with all MCL, MRDL, AL, and TT standards. There were 151 PWSs that had at least one violation of an MCL, AL, MRDL, or TT standard. There were 259 violations of eleven contaminants, three treatment techniques, and one MRDL in Iowa in 2011, as indicated in the following table. The most frequent standard that was not met in Iowa is coliform bacteria, which, because all systems must monitor for coliform bacteria at least once each quarter, is also the most frequently sampled contaminant in the state.

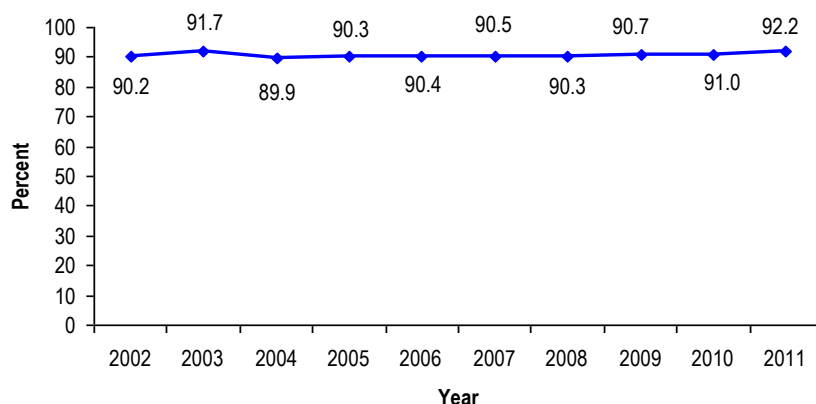
Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2011	System Population*
Arsenic	5	17	6.5	244	1,021
Coliform Bacteria, Fecal or <i>E. coli</i>	13	16	6.2	21,288	9,195
Coliform Bacteria, Total	98	127	49.0	54,512	46,287
Chlorine MRDL	1	2	0.8	Not applicable	1,408
Chlorine treatment technique	3	3	1.5	Not applicable	10,419
Copper	11	13	5.0	4,897	7,551
Gross alpha, excluding Rn & U	2	3	1.2	268	453
Haloacetic Acids 5 (HAA5)	1	3	1.2	1,300	2,640
Lead	11	13	5.0	4,896	6,710
Nitrate nitrogen	6	18	7.0	3,808	712
Nitrate treatment technique	1	1	0.4	Not applicable	41
Nitrite nitrogen	3	11	4.2	663	1,233
Radium 226 & 228	6	13	5.0	318	6,646
Total Trihalomethanes (TTHM)	10	18	6.9	1,304	154,810
Turbidity treatment technique	1	1	0.4	Not applicable	12,173
<b>Total:</b>	<b>151**</b>	<b>259</b>	<b>100%</b>		<b>239,004**</b>

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

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

The number of public water supply systems in compliance with all health-based standards continued a similar trend in 2011 as it has over the past decade, as shown in this chart, with the average compliance rate over the ten-year period at 90.7%. However, the number of regulations that the community and non-transient non-community systems are required to meet has increased during that same time period.

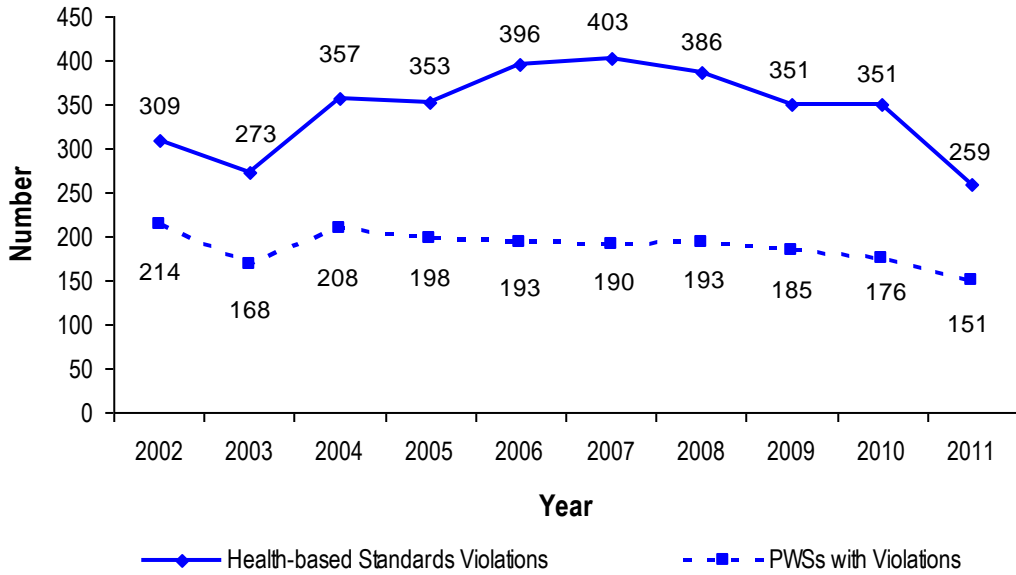
Percentage of PWS in Compliance with all MCL, AL, TT, & MRDL:  
2002 - 2011



Violation Data: MCL, MRDL, AL, and TT

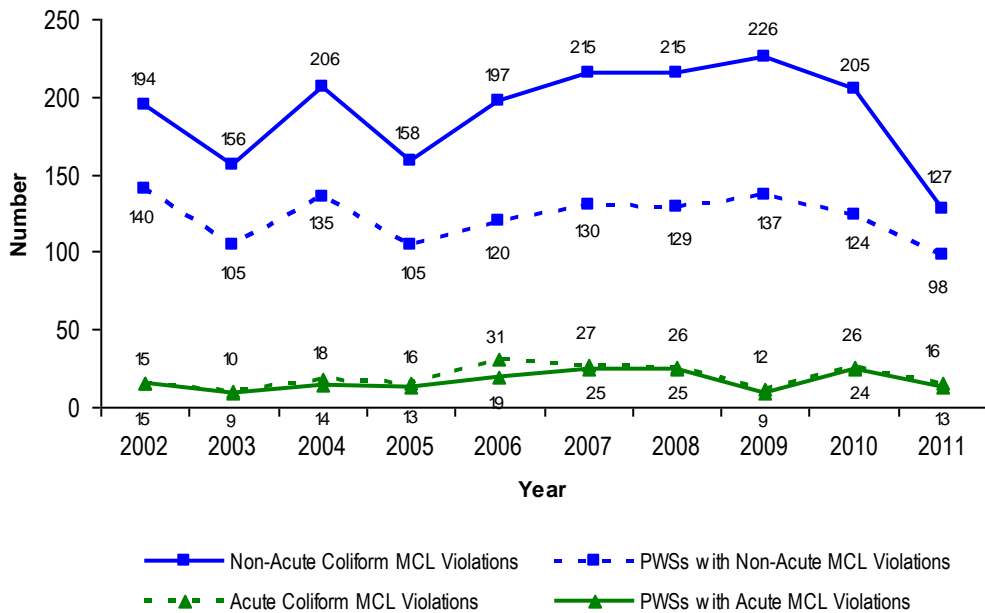
In 2011, the number of systems with violations of health-based standards and the number of violations both dropped to the lowest levels in the ten-year period. The majority of the violations occurred in coliform bacteria, nitrate, and disinfection byproducts standards, accounting for 70.3% of the health-based standards violations.

### Health-Based Standards Violations: 2002 - 2011



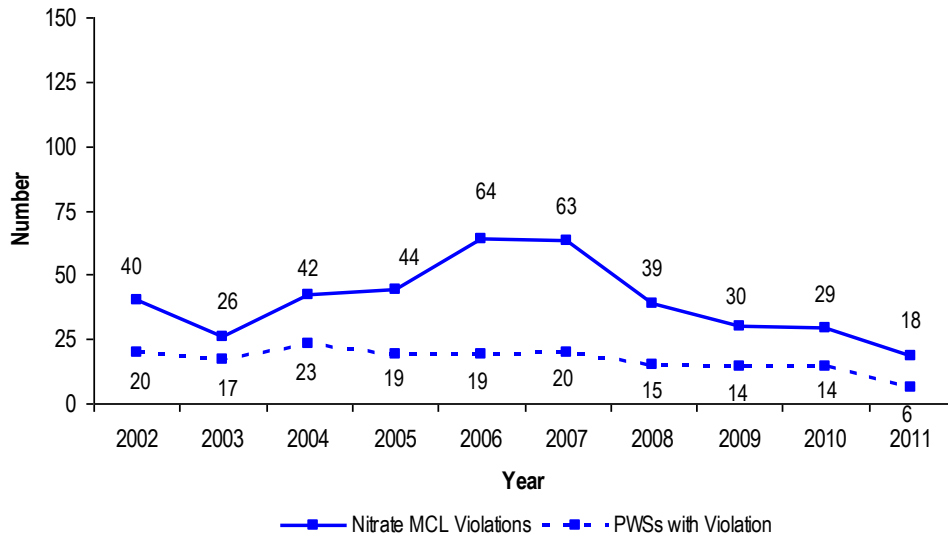
The 2011 coliform bacteria data demonstrates a decreased number in all four categories from 2010. The last six months of 2011 was unusually dry statewide, which could have contributed to the decreased number of non-acute violations.

### Coliform Bacteria MCL Violations: 2002 - 2011



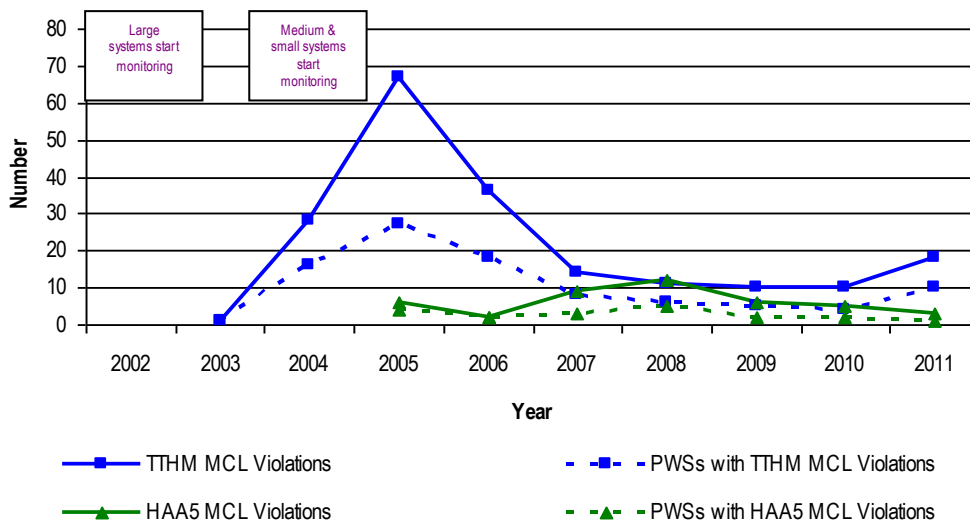
Both the number of nitrate MCL violations and the number of systems with violations decreased from 2010, with the lowest number of systems with nitrate violations in the ten-year period.

**Nitrate MCL Violations: 2002 - 2011**



Under the federal Stage 1 Disinfectants/Disinfection Byproducts Rule, large systems (serving at least 10,000 people) were required to start monitoring for disinfection byproducts in 2002, with medium and small systems starting in 2004. Normally a system monitors for a year before an MCL violation can occur, so the first violations started 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 2011, there was an increase in TTHM violations and in the number of systems with those violations.

**Stage 1 Disinfection Byproduct MCL Violations: 2003 - 2011**



## Major Monitoring & Reporting Violations

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

### Monitoring Guidelines by Rule:

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

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

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

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

Over 2.7 million people received water served by Iowa's systems that met the major monitoring and reporting requirements. Of the 1,931 regulated PWSs in Iowa, 84.6% (1,633 PWSs) were in compliance with all major monitoring and reporting requirements. There were 298 PWSs serving a total population of 217,570 that incurred 682 major monitoring and reporting violations in 2011. The IDNR assigns violations by contaminant for each system, which can result in a single system incurring several monitoring violations.

Listed below are the contaminants with a major monitoring violation or a reporting violation in 2011. The majority of violations (49.3% of the total) were for failure to collect coliform bacteria and nitrate samples, which are the two contaminants that are required to be sampled by all systems each year.

Contaminant or Reporting Requirement	Number of PWS	Number of Violations	Population Affected*
<b>Monitoring</b>			
Antimony	1	2	77
Arsenic	1	2	77
Barium	1	2	77
Cadmium	1	2	77
Chlorine	14	15	25,250
Chlorite	1	1	7,834
Chromium	1	2	77
Coliform Bacteria, Total (GWR Source Water)	35	42	5,816
Coliform Bacteria, Total (TCR Distribution System)	148	251	27,961
Copper	17	19	7,827
Fluoride	3	4	860
Gross alpha, excluding Rn & U	2	2	88
Haloacetic Acids (5)	20	20	10,879
Lead	17	19	7,827
Mercury	1	2	77
Nitrate	70	85	9,225
Nitrite	4	6	957
Radium 226 & 228	4	4	2,634
Selenium	1	2	77
Sodium	7	10	1,553
Synthetic Organic Compounds (SOC)	3	26	1,169
Thallium	1	2	77
Total Organic Carbon (TOC)	2	2	34,518
Total Trihalomethanes	20	20	10,879
Uranium	2	2	425
Volatile Organic Compounds (VOC)	2	42	1,109
<b>Monitoring Total:</b>	<b>235*</b>	<b>586</b>	<b>112,297*</b>
<b>Reporting</b>			
Failure to submit monthly operation report or MRDL	31	40	7,890
Failure to provide consumer confidence report	25	25	6,039
Failure to obtain a construction or operation permit	3	3	82,864
Failure to obtain a certified operator	15	15	7,481
Failure to meet a compliance schedule	11	11	6,155
Failure to have a monitoring plan	2	2	515
<b>Reporting Total:</b>	<b>84*</b>	<b>96</b>	<b>110,279</b>
<b>Monitoring &amp; Reporting Total:</b>	<b>298**</b>	<b>682</b>	<b>217,570**</b>

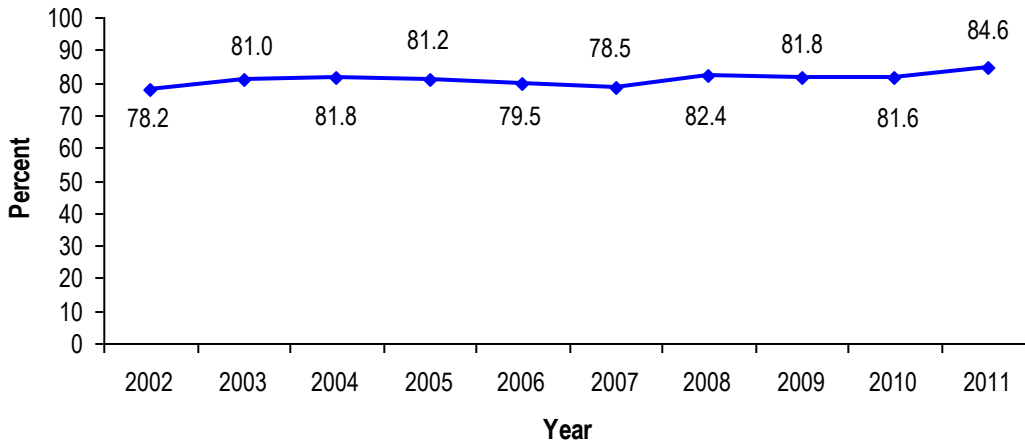
\* The population of each PWS is only counted once for each contaminant.

\*\*Each system with a violation is only included once in the number of systems total and the affected population total. To summarize, 298 systems had a total of 682 major monitoring or reporting violations, affecting a total population of 217,570.

## Monitoring & Reporting Compliance Rates: 2002 - 2011

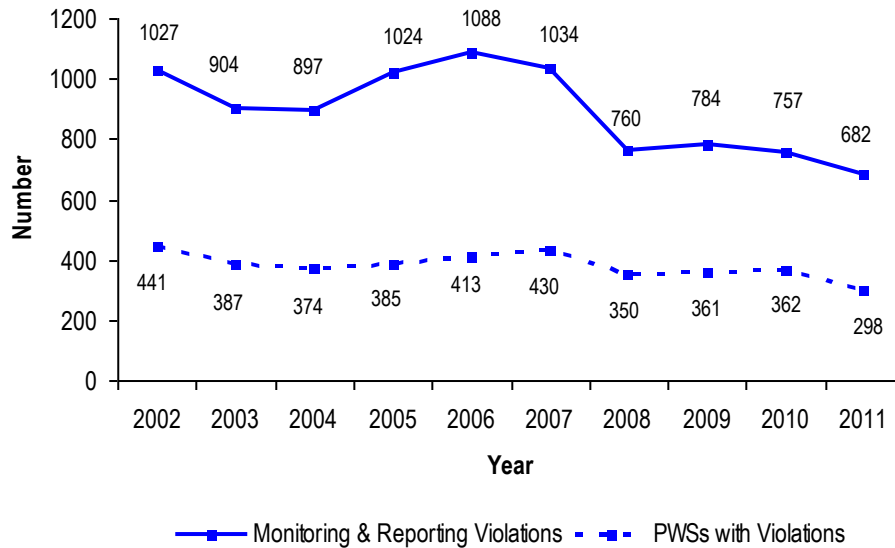
The number of public water supplies in compliance with all major monitoring and reporting requirements averages 81.1% over the past ten years. This chart indicates the percentage of PWS in compliance with all major monitoring and reporting requirements, which was 84.6% in 2011.

**Percentage of PWS in Compliance with all Major Monitoring & Reporting Requirements: 2002 - 2011**



In 2011, the number of systems with monitoring and reporting violations and total number of violations both decreased, with the lowest numbers in the past ten years.

**Monitoring & Reporting Violations: 2002 - 2011**





## Enforcement Actions

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

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

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

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

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



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

## Variations and Exemptions

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

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

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

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



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

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

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

#### Monitoring or Reporting Violation

All PWSs must issue public notification for failure to:

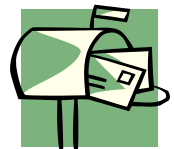
- monitor and report the required data to the department;
- comply with established testing procedures; or
- meet the public notification requirements.



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

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

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

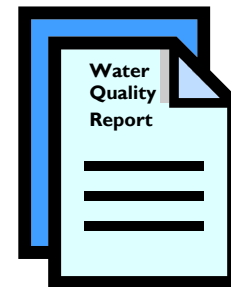


In addition to the annual notice, a public service announcement must be issued every six months to local television and radio broadcast outlets. Non-transient non-community systems have notification requirements that include posting at the facility plus additional requirements depending upon the composition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

### Consumer Confidence Reports

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

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



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

In 2011, 25 CWS failed to prepare and distribute their CCR for calendar year 2010. Each CWS received a reporting violation for this failure. The CCR compliance rate for Iowa's CWS in 2011 was 97.8%.

### Lead Consumer Notice

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

### Health Effects

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

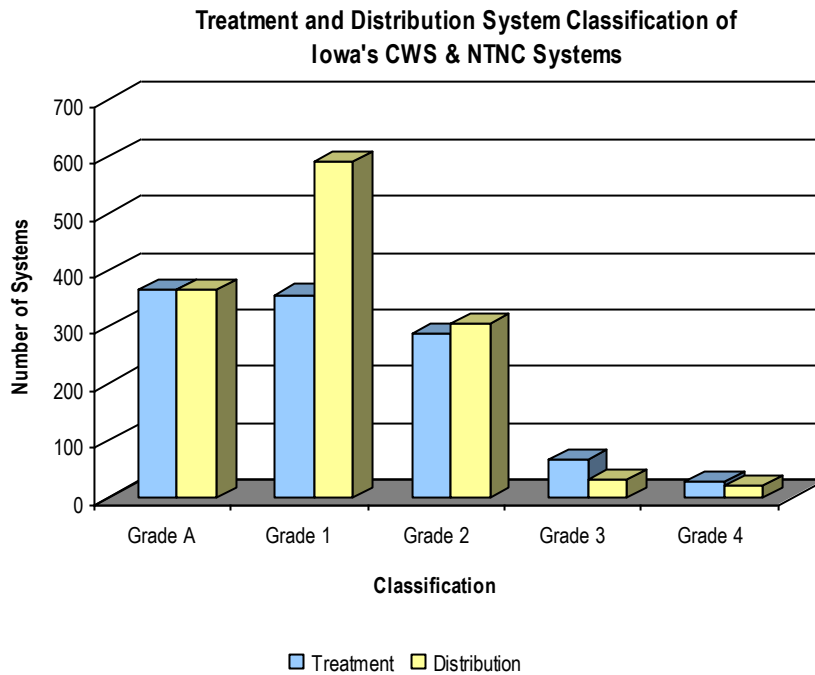
### Public Notification or Public Education Violation

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

## Operator Certification—567 IAC Chapter 81

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

The Iowa Operator Certification Program reporting time frame is July 1, 2011 through June 30, 2012.



### Classification of Systems and Facilities

All CWS and NTNC were required in 2002 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 29, 2012. There are 212 systems that have a distribution system but no treatment plant.

Classification	Treatment Facility	Distribution Facility
Grade A	365	365
Grade 1	357	591
Grade 2	287	306
Grade 3	67	32
Grade 4	26	20
No facility	0	212
<b>Total</b>	<b>1,102</b>	<b>1,526</b>

### Classification Grades for Operator Certification

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

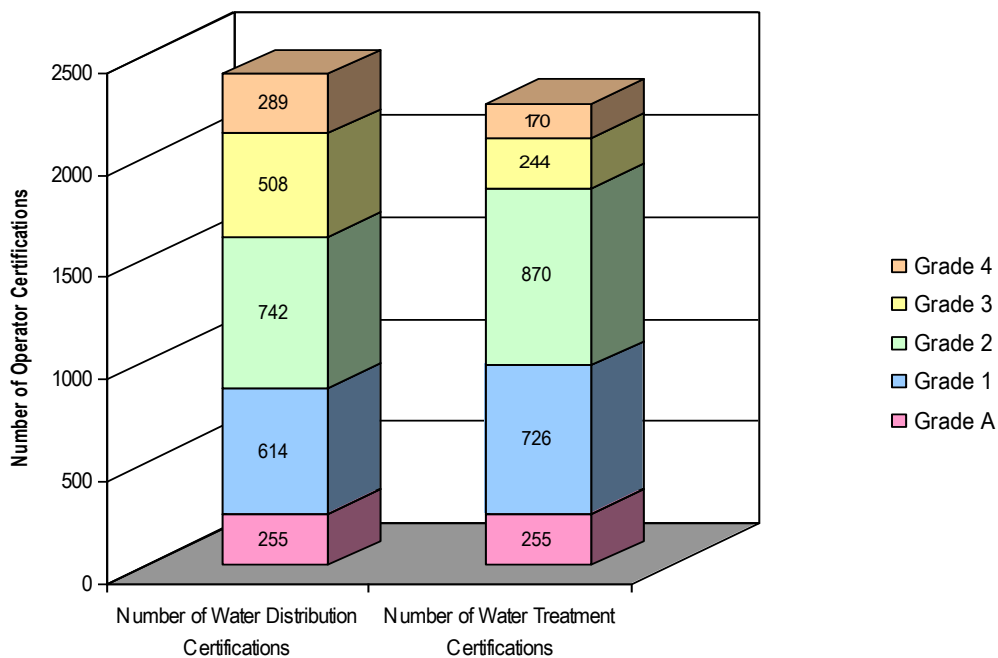
1. Meet the initial education and experience requirements and pay the examination fee
2. Successfully pass the examination for the specific type of certification
3. Maintain the certification by successfully attaining the required continuing education hours or credits during each two-year certification period and paying the bi-annual certification fee

The requirements are based upon the level of complexity of the various facility grades, with Grade A being the least complex and Grade 4 being the most complex.

In this reporting period, there were 255 small system Grade A certifications, which includes both water treatment and water distribution. There were 2,153 active Grades 1 – 4 water distribution certifications and 2,010 active Grades 1-4 water treatment certifications, both of which decreased from the previous year's levels.

Certification Grade	Number of certified Water Distribution Operators	Number of certified Water Treatment Operators
Grade A	255 (combined WT and WD)	
Grade 1	614	726
Grade 2	742	870
Grade 3	508	244
Grade 4	289	170

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 15 public water supply systems that failed to have a certified operator in charge of their water supply. In addition, one administrative consent order was completed during the year, where an operator agreed to forego certification for lifetime due to falsification of data.

**Certification Renewal**

Operator certifications are renewed every two years, with the next renewal period ending in June 30, 2013. Continuing education requirements must be met by March 31, 2013, in order for the operator to renew for the next period. Operators holding a Grade A, 1, or 2 certificate must earn 10 contact hours of continuing education in the renewal period. Operators holding a Grade 3 or 4 certificate must earn 20 contact hours.

**Initiatives**

Iowa DNR has been very active in the efforts to recruit military veterans into the water operator workforce this year, and was in fact, the first state in the nation to implement the 2011 U.S. EPA initiative to attract and hire veterans to careers in water and wastewater occupations.

**Photos from Microbial Performance-Based Training, Round 2 (2010 – 2011)**

Performance-based Training, Round 2 (Session #5 in 2011) – Evaluating turbidity trends at various points in the treatment process



Performance-based Training, Round 2 (Session #3 in 2010) – Jar testing different coagulant dosages to optimize the coagulation and flocculation processes



## Abbreviations

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

## Distribution of this Report

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

The IDNR sends the detailed report to the:

- EPA Headquarters in Washington, D.C.,
- EPA Region 7 Headquarters in Kansas City, KS, and
- Office of the Governor of Iowa.

The IDNR also:

- publishes an official notice of report availability,
- includes the report on the IDNR Internet website and makes it available for downloading,
- archives the report in the State Library, and
- makes the detailed and summary report available for individuals and organizations upon request.

## Staff Contact Information:

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Laurie Sharp	515/725-0284	Operator Certification Program	Program Planner 2
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401 SW 7th St., Suite M  
Des Moines, IA 50309-4611



## APPENDIX A: EPA Violations Summary Report

The EPA Violations Summary Report listed in this appendix is a numerical total of the violations of each contaminant required under the SDWA and is a required report element. This report lists the number of violations of each contaminant categorized by both MCL/MRD/TT Violations and major federal Monitoring & Reporting Violations. State violations, such as failure to obtain an operation 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, 2011 through December 31, 2011					
Organic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
1,1,1-Trichloroethane	0.2	0	0	0	0	2	2
1,1,2-Trichloroethane	0.005	0	0	0	0	2	2
1,1-Dichloroethylene	0.007	0	0	0	0	2	2
1,2,4-Trichlorobenzene	0.07	0	0	0	0	2	2
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	0	0	0
1,2-Dichloroethane	0.005	0	0	0	0	2	2
1,2-Dichloropropane	0.005	0	0	0	0	2	2
2,3,7,8-TCDD (Dioxin)	0.00000008	0	0	0	0	0	0
2,4,5-TP (Silvex)	0.05	0	0	0	0	2	2
2,4-D	0.07	0	0	0	0	2	2
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	2	2
Benzo[a]pyrene	0.0002	0	0	0	0	2	2
Carbofuran	0.04	0	0	0	0	0	0
Carbon tetrachloride	0.005	0	0	0	0	2	2
Chlordane	0.002	0	0	0	0	0	0

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
cis-1,2-Dichloroethylene	0.07	0	0	0	0	2	2
Dalapon	0.2	0	0	0	0	2	2
Di(2-ethylhexyl)adipate	0.4	0	0	0	0	3	3
Di(2-ethylhexyl)phthalate	0.006	0	0	0	0	3	3
Dichloromethane	0.005	0	0	0	0	2	2
Dinoseb	0.007	0	0	0	0	2	2
Diquat	0.02	0	0	0	0	0	0
Endothall	0.1	0	0	0	0	0	0
Endrin	0.002	0	0	0	0	0	0
Epichlorohydrin		0	0	0	0	0	0
Ethylbenzene	0.7	0	0	0	0	2	2
Ethylene dibromide	0.00005	0	0	0	0	0	0
Glyphosate	0.7	0	0	0	0	0	0
Heptachlor	0.0004	0	0	0	0	0	0
Heptachlor epoxide	0.0002	0	0	0	0	0	0
Hexachlorobenzene	0.001	0	0	0	0	0	0
Hexachlorocyclopentadiene	0.05	0	0	0	0	0	0
Lindane	0.0002	0	0	0	0	0	0
Methoxychlor	0.04	0	0	0	0	0	0

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Monochlorobenzene	0.1	0	0	0	0	2	2
o-Dichlorobenzene	0.6	0	0	0	0	2	2
Oxamyl (Vydate)	0.2	0	0	0	0	0	0
para-Dichlorobenzene	0.075	0	0	0	0	2	2
Pentachlorophenol	0.001	0	0	0	0	2	2
Picloram	0.5	0	0	0	0	2	2
Simazine	0.004	0	0	0	0	2	2
Styrene	0.1	0	0	0	0	2	2
Tetrachloroethylene	0.005	0	0	0	0	2	2
Toluene	1	0	0	0	0	2	2
Total polychlorinated biphenyls	0.0005	0	0	0	0	0	0
Toxaphene	0.003	0	0	0	0	0	0
trans-1,2-Dichloroethylene	0.1	0	0	0	0	2	2
Trichloroethylene	0.005	0	0	0	0	2	2
Vinyl chloride	0.002	0	0	0	0	2	2
Xylenes (total)	10	0	0	0	0	2	2
Haloacetic acids	0.060	3	1	0	0	20	20
Total trihalomethanes	0.080	18	10	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	2	1
Arsenic	0.010	17	5	0	0	2	1
Asbestos	7 million fibers/L (>10 µm in length)	0	0	0	0	0	0
Barium	2	0	0	0	0	2	1
Beryllium	0.004	0	0	0	0	0	0
Cadmium	0.005	0	0	0	0	2	1
Chromium	0.1	0	0	0	0	2	1
Cyanide (as free cyanide)	0.2	0	0	0	0	0	0
Fluoride	4.0	0	0	0	0	4	3
Mercury	0.002	0	0	0	0	2	1
Nitrate	10 (as Nitrogen)	18	6	1	1	85	70
Nitrite	1.0 (as Nitrogen)	11	3	0	0	6	4
Selenium	0.05	0	0	0	0	2	1
Sodium	not applicable	0	0	0	0	10	7
Thallium	0.002	0	0	0	0	2	1
Total nitrate and nitrite	10 (as Nitrogen)	NA	NA	NA	NA	NA	NA

Contaminant	MCL	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
<b>Radionuclide Contaminants</b>							
Gross alpha (excluding Rn & U)	15 pCi/L	3	2	2	1	2	2
Radium-226 and radium-228	5 pCi/L	13	6	0	0	4	4
Gross beta	4 mrem/year	0	0	0	0	0	0
Uranium	30 µg/L	0	0	0	0	2	2
Subtotal		83	31*	2	1	237	103*

\*: Each system is only counted once in the subtotal category (i.e., 31 systems had 83 MCL violations and 103 systems had 237 monitoring/reporting violations).

Contaminant	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
<b>Other Contaminants</b>							
Acute Total Coliform Bacteria MCL violation	Presence	16	13	0	0	0	0
Non-acute Total Coliform Bacteria MCL violation	Presence	127	98	0	0	0	0
Major routine and follow up Total Coliform Bacteria mon. violation		0	0	0	0	251	148
Major source water monitoring for Fecal Indicator (Groundwater Rule)		0	0	0	0	42	35
Sanitary survey		0	0	0	0	State initiates Sanitary survey	State initiates Sanitary survey
Subtotal		143	98*	0	0	293	152

\*Each system is counted only once in the subtotal category, i.e., 98 systems had 143 acute and non-acute coliform bacteria MCL violations.

Contaminant	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
<b>Surface Water Treatment Rule, Interim Enhanced SWTR, &amp; LT1 *</b>							
Filtered systems *		0	0	0	0	0	0
Monitoring, routine/repeat		0	0	0	0	0	0
Treatment techniques		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	0	0

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

Contaminant	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
<b>Lead and Copper Rule</b>							
Action level exceedance	Lead: 0.015 mg/L Copper: 1.3 mg/L	Lead: 13 Copper: 13	Lead: 11 Copper: 11	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: 17 Pb: 17
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	0	0
Subtotal		26	19*	0	0	38	17*

\*: Each system is only counted once in the subtotal category (i.e., 19 systems had 26 ALE and 17 systems had 38 monitoring/reporting violations).

Contaminant	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
<b>Stage 1 DBPR (TTHM &amp; HAA included under Organic Contaminants)</b>						0	0
Chlorine or chloramine residual	4.0	2	1	3	3	15 monitoring 37 reporting	14 monitoring 28 reporting
Chlorine dioxide	0.8 mg/L	0	0	0	0	0	0
Chlorite	1.0 mg/L	0	0	0	0	1	1
Bromate	0.010 mg/L	0	0	0	0	0	0
Total organic carbon (TOC)		0	0	0	0	2	2
Subtotal		2	1	3	3	55	43*

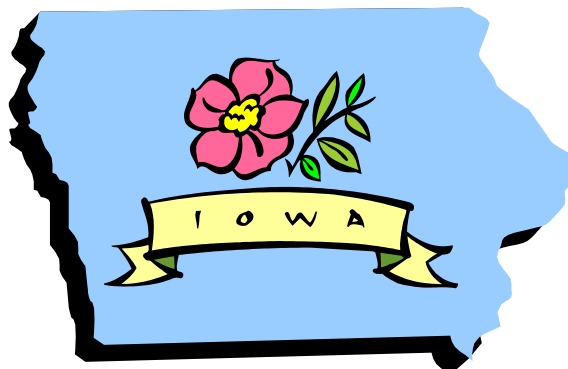
\*: Each system is only counted once in the subtotal category (i.e., 43 systems had 55 DBP rule monitoring/reporting violations).

## APPENDIX B: Iowa Public Water Supply Violation Data

All public water supply systems that incurred one or more violations during 2011 are listed in the following appendix, including the most recent enforcement action. Systems that became "inactive" during the year because they no longer met the definition of a public water supply are denoted in boldface print on the table.

### Legend

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



## Iowa Public Water Supply System Violations in 2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
3RD BASE SPORTS PARK	400	LINN	IA5715204	TNC	201108451	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/21/2011
3RD BASE SPORTS PARK	400	LINN	IA5715204	TNC	201200185	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	NOV Issued	10/26/2011
AINSWORTH 4 CORNERS RESTAURANT	400	WASHINGTON	IA9203760	TNC	201200170	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/1/2011
AINSWORTH 4 CORNERS RESTAURANT	400	WASHINGTON	IA9203760	TNC	201200171	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/1/2011
ALL GOLF CENTER	94	BLACK HAWK	IA0790201	TNC	201108463	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/19/2011
ALL GOLF CENTER	94	BLACK HAWK	IA0790201	TNC	201108464	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/19/2011
ALL GOLF CENTER	94	BLACK HAWK	IA0790201	TNC	201209706	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	NOV Issued	1/24/2012
ALMONT TAP LLC	104	CLINTON	IA2326206	TNC	201107917	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/26/2011
ALMONT TAP LLC	104	CLINTON	IA2326206	TNC	201108171	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/26/2011
ALTON MUNICIPAL WATER DEPARTMENT	1228	SIOUX	IA8403029	CWS	201209441	Failure to meet Certified Operator Requirement	31-Oct-11	Certified Operator Requirement	STA	NOV Issued	11/28/2011
AMERICAN LEGION - SWISHER POST #671	100	JOHNSON	IA5285205	TNC	201107923	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/2/2011
AMERICAN LEGION - SWISHER POST #671	100	JOHNSON	IA5285205	TNC	201107924	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/2/2011
AMERICAN LEGION - SWISHER POST #671	100	JOHNSON	IA5285205	TNC	201107925	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/2/2011
AMERICAN LEGION - SWISHER POST #671	100	JOHNSON	IA5285205	TNC	201108454	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/26/2011
AMERICAN LEGION - SWISHER POST #671	100	JOHNSON	IA5285205	TNC	201108455	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/31/2011
AMERICAN LEGION - SWISHER POST #671	100	JOHNSON	IA5285205	TNC	201108752	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/26/2011



Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
AMERICAN LEGION - SWISHER POST #671	100	JOHNSON	IA5285205	TNC	201108947	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/26/2011
ANAMOSA STATE PENITENTIARY	1725	JONES	IA5300947	CWS	201209424	Radium, Combined (226, 228)	31-Dec-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/16/2011
ANAMOSA STATE PENITENTIARY	1725	JONES	IA5300947	CWS	201209862	Copper	31-Dec-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	2/21/2012
ANAMOSA STATE PENITENTIARY	1725	JONES	IA5300947	CWS	201209863	Lead	31-Dec-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	2/21/2012
ANCHOR INN (GARBER)	35	CLAYTON	IA2232776	TNC	201107495	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/9/2011
ANCHOR INN (GARBER)	35	CLAYTON	IA2232776	TNC	201107496	Nitrate (as N)	31-Jan-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/9/2011
ANCHOR INN (GARBER)	35	CLAYTON	IA2232776	TNC	201108200	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/14/2011
ANCHOR INN (GARBER)	35	CLAYTON	IA2232776	TNC	201108203	Nitrate (as N)	31-May-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/14/2011
ANCHOR INN (GARBER)	35	CLAYTON	IA2232776	TNC	201209113	Chlorine	31-Jul-11	Recordkeeping	RPT	Compliance Achieved	9/7/2011
ANDERSON RENTALS	35	JACKSON	IA4955725	TNC	201108972	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/21/2011
ANITA MUNICIPAL UTILITIES	972	CASS	IA1503053	CWS	201209182	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
ANITA MUNICIPAL UTILITIES	972	CASS	IA1503053	CWS	201209183	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
ANNIES	25	HOWARD	IA4564201	TNC	201108713	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/9/2011
ANNIES	25	HOWARD	IA4564201	TNC	201108931	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/9/2011
ANNIES	25	HOWARD	IA4564201	TNC	201200042	Coliform (TCR)	31-Oct-11	MCL (TCR), Monthly	MCL	Compliance Achieved	11/9/2011
ANTHON MUNICIPAL WATER SYSTEM	565	WOODBURY	IA9704060	CWS	201210027	Failure to meet Certified Operator Requirement	16-Sep-11	Certified Operator Requirement	STA	NOV Issued	3/9/2012
APLINGTON WATER SUPPLY	1158	BUTLER	IA1207061	CWS	201107679	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/17/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
APLINGTON WATER SUPPLY	1158	BUTLER	IA1207061	CWS	201107713	Chlorine	28-Feb-11	Monitoring (DBP), Major	MON	Compliance Achieved	4/20/2011
APLINGTON WATER SUPPLY	1158	BUTLER	IA1207061	CWS	201209977	Chlorine	31-Dec-11	Recordkeeping	RPT	Compliance Achieved	3/8/2012
APOSTOLIC CHURCH	200	JONES	IA5307801	TNC	201107854	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/19/2011
ARC COMMU 8 LLC-SUNRISE TERRACE MHC	400	JASPER	IA5059601	CWS	201209710	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/6/2012
ARCML06 LLC - FIVE SEASONS	675	SCOTT	IA8222609	CWS	201109084	Total Trihalomethanes (TTHM)	30-Sep-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/21/2011
ARCML06 LLC - LAKEWOOD ESTATES	430	SCOTT	IA8222611	CWS	201108168	Total Trihalomethanes (TTHM)	30-Jun-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/21/2011
ARCML06 LLC - SILVER CREEK	673	SCOTT	IA8222610	CWS	201109085	Total Trihalomethanes (TTHM)	30-Sep-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	11/21/2011
ARCML06 LLC - SILVER CREEK	673	SCOTT	IA8222610	CWS	201209373	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
ARCML06 LLC - SILVER CREEK	673	SCOTT	IA8222610	CWS	201209374	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
ARGYLE RURAL WATER DISTRICT	175	LEE	IA5603701	CWS	201107635	Coliform (TCR)	28-Feb-11	Record Keeping	RPT	Compliance Achieved	4/5/2011
ARGYLE RURAL WATER DISTRICT	175	LEE	IA5603701	CWS	201107636	Failure to have a Monitoring Plan	28-Feb-11	Disinfection Byproducts Rule	RPT	Compliance Achieved	4/5/2011
ARGYLE RURAL WATER DISTRICT	175	LEE	IA5603701	CWS	201200141	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	NOV Issued	10/27/2011
ARGYLE RURAL WATER DISTRICT	175	LEE	IA5603701	CWS	201200142	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/27/2011
AUBURN WATER SUPPLY	322	SAC	IA8104076	CWS	201209518	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/14/2011
AUBURN WATER SUPPLY	322	SAC	IA8104076	CWS	201209545	Chlorine	31-Dec-11	Monitoring (DBP), Major	MON	Compliance Achieved	12/31/2011
BACKBONE GOLF AND COUNTRY CLUB	64	DELAWARE	IA2279854	TNC	201109046	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/31/2011
BACKBONE GOLF AND COUNTRY CLUB	64	DELAWARE	IA2279854	TNC	201109069	Fecal Coliform	30-Sep-11	MCL (TCR), Acute	MCL	Compliance Achieved	10/31/2011

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BANKSTON PUBLIC WATER SYSTEM	41	DUBUQUE	IA3109086	TNC	201108416	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/21/2011
BARNES CITY WATER SUPPLY	176	POWESHIEK	IA7905088	CWS	201109010	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/31/2011
BATAVIA WATER WORKS	499	JEFFERSON	IA5107089	CWS	201200126	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	NOV Issued	10/27/2011
BATAVIA WATER WORKS	499	JEFFERSON	IA5107089	CWS	201200127	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/27/2011
BEAVER MEADOWS COUNTRY CLUB	25	BUTLER	IA1281201	TNC	201200084	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/5/2011
BECKER WATER AND ROAD	60	WEBSTER	IA9433312	CWS	201108650	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	7/18/2011
BECKER WATER AND ROAD	60	WEBSTER	IA9433312	CWS	201108777	E. coli	17-Jul-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	7/18/2011
BEEDES LAKE STATE PARK SOUTH	102	FRANKLIN	IA3544931	TNC	201108208	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/20/2011
BELL HARBOR	40	CERRO GORDO	IA1716418	CWS	201108399	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/19/2011
BELLEVUE STATE PK SOUTH-DYAS UNIT	514	JACKSON	IA4910940	TNC	201108252	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/28/2011
BELMOND WATER SUPPLY	2376	WRIGHT	IA9905003	CWS	201200181	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	BCA Signed	2/8/2012
BELMOND WATER SUPPLY	2376	WRIGHT	IA9905003	CWS	201200182	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	BCA Signed	2/8/2012
BIG CANOE LUTHERAN CHURCH	103	WINNESHIEK	IA9630872	TNC	201108749	Nitrate (as N)	31-Jul-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/22/2011
BIG CREEK BLUFFS	80	LINN	IA5784309	CWS	201209125	Chlorine	30-Sep-11	Record Keeping	RPT	Compliance Achieved	11/16/2011
BIG CREEK BLUFFS	80	LINN	IA5784309	CWS	201209958	Chlorine	31-Dec-11	Record Keeping	RPT	NOV Issued	1/23/2012
BILLION AUTO	185	JOHNSON	IA5225202	NTNC	201107835	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/5/2011
BILLION AUTO	185	JOHNSON	IA5225202	NTNC	201107836	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/21/2011

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BILLION AUTO	185	JOHNSON	IA5225202	NTNC	201107944	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	5/5/2011
BILLION AUTO	185	JOHNSON	IA5225202	NTNC	201108150	E. coli	23-Apr-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	5/5/2011
BLAIRSTOWN WATER SUPPLY	692	BENTON	IA0607013	CWS	201209143	Copper	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/30/2011
BLOOMFIELD MUNI WATER DEPT	2640	DAVIS	IA2613019	CWS	201107888	Total Trihalomethanes (TTHM)	31-Mar-11	MCL (Chem-Rad), Average	MCL	NOV Issued	5/3/2011
BLOOMFIELD MUNI WATER DEPT	2640	DAVIS	IA2613019	CWS	201107889	Total Haloacetic Acids (HAA5)	31-Mar-11	MCL (Chem-Rad), Average	MCL	NOV Issued	5/3/2011
BLOOMFIELD MUNI WATER DEPT	2640	DAVIS	IA2613019	CWS	201108309	Total Trihalomethanes (TTHM)	30-Jun-11	MCL (Chem-Rad), Average	MCL	NOV Issued	7/1/2011
BLOOMFIELD MUNI WATER DEPT	2640	DAVIS	IA2613019	CWS	201108326	Total Haloacetic Acids (HAA5)	30-Jun-11	MCL (Chem-Rad), Average	MCL	NOV Issued	7/6/2011
BLOOMFIELD MUNI WATER DEPT	2640	DAVIS	IA2613019	CWS	201209420	Total Haloacetic Acids (HAA5)	30-Sep-11	MCL (Chem-Rad), Average	MCL	NOV Issued	12/5/2011
BLUFFTON STORE	60	WINNESHIEK	IA9630773	TNC	201210146	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	4/18/2012
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107969	Benzene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107970	Carbon Tetrachloride	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107971	o-Dichlorobenzene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107972	p-Dichlorobenzene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107973	1,2-Dichloroethane	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107974	cis-1,2-Dichloroethylene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107975	1,1-Dichloroethylene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107976	trans-1,2-Dichloroethylene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011

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BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107977	Dichloromethane	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107978	1,2-Dichloropropane	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107979	Ethylbenzene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107980	Monochlorobenzene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107981	Styrene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107982	Tetrachloroethylene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107983	Toluene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107984	1,2,4-Trichlorobenzene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107985	1,1,1-Trichloroethane	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107986	1,1,2-Trichloroethane	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107987	Trichloroethylene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107988	Vinyl Chloride	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107989	Xylenes	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/13/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107990	Alachlor (Lasso)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107991	Atrazine	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107992	Benzo (a) Pyrene	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107993	2,4-D	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011

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BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107994	Dalapon	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107995	Di(2-Ethylhexyl) Adipate	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107996	Di(2-Ethylhexyl) Phthalate	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107997	Dinoseb	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107998	Pentachlorophenol	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201107999	Picloram	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201108000	Simazine	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201108001	2,4,5-TP (Silvex)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/8/2011
BOONDOCKS CAFÉ	959	HAMILTON	IA4070201	NTNC	201108598	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/15/2011
BOYDEN MUNICIPAL WATER SUPPLY	712	SIOUX	IA8409037	CWS	201108742	Copper	30-Jun-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	12/31/2011
BOYDEN MUNICIPAL WATER SUPPLY	712	SIOUX	IA8409037	CWS	201108743	Lead	30-Jun-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	12/31/2011
BOYDEN MUNICIPAL WATER SUPPLY	712	SIOUX	IA8409037	CWS	201209563	Copper	31-Dec-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	1/9/2012
BRADFORD HOUSE	50	CHICKASAW	IA1967222	TNC	201200086	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/7/2011
BRECKENRIDGE ESTATES	280	JOHNSON	IA5200601	CWS	201108628	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	9/5/2011
BRECKENRIDGE ESTATES	280	JOHNSON	IA5200601	CWS	201108769	E. coli	17-Jul-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/5/2011
BROADVIEW TRAILER COURT	82	DUBUQUE	IA3100675	CWS	201200106	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	BCA Signed	1/27/2012
BROADVIEW TRAILER COURT	82	DUBUQUE	IA3100675	CWS	201200107	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	BCA Signed	1/27/2012



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BROWNS SALES AND LEASING	53	CLAYTON	IA2242206	NTNC	201107710	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/8/2011
BROWNS SALES AND LEASING	53	CLAYTON	IA2242206	NTNC	201108765	Copper	30-Jun-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	9/8/2011
BROWNS SALES AND LEASING	53	CLAYTON	IA2242206	NTNC	201108766	Lead	30-Jun-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	Compliance Achieved	9/8/2011
BRUNSVILLE MUNICIPAL WATER SUPPLY	151	PLYMOUTH	IA7514049	CWS	201109037	Lead	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	9/23/2011
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201200205	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/3/2011
BS GENERAL STORE	27	CLINTON	IA2322202	TNC	201200206	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/5/2011
BUDES	75	DUBUQUE	IA3126211	TNC	201108461	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/28/2011
BULGERS HOLLOW RECREATION AREA	77	CLINTON	IA4929901	TNC	201108432	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/15/2011
CAMP AT THE WOODS	67	CERRO GORDO	IA1769419	TNC	201108400	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/6/2011
CAMP C S KLAUS BOY SCOUT CAMP	152	CLAYTON	IA2809812	TNC	201108410	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/26/2011
CAMP C S KLAUS BOY SCOUT CAMP	152	CLAYTON	IA2809812	TNC	201108411	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/20/2011
CAMP CONESTOGA	150	SCOTT	IA8264446	TNC	201108889	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/21/2011
CAMP CONESTOGA	150	SCOTT	IA8264446	TNC	201108904	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	12/21/2011
CAMP CONESTOGA	150	SCOTT	IA8264446	TNC	201108963	E. coli	07-Aug-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	12/21/2011
CAMP CONESTOGA	150	SCOTT	IA8264446	TNC	201200159	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2011
CAMP EWALU - STONE CENTER	30	CLAYTON	IA2279967	TNC	201209165	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	10/11/2011
CAMP EWALU - STONE CENTER	30	CLAYTON	IA2279967	TNC	201209391	E. coli	03-Oct-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	10/11/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CAMP NEYATI	55	MILLS	IA6525430	TNC	201107820	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/20/2011
CARTER LAKE WATER DISTRICT	3785	POTTAWATTAMIE	IA7812079	CWS	201107655	Total Trihalomethanes (TTHM)	31-Mar-11	MCL (Chem-Rad), Average	MCL	NOV Issued	3/14/2011
CARTER LAKE WATER DISTRICT	3785	POTTAWATTAMIE	IA7812079	CWS	201108259	Total Trihalomethanes (TTHM)	30-Jun-11	MCL (Chem-Rad), Average	MCL	NOV Issued	6/17/2011
CARTER LAKE WATER DISTRICT	3785	POTTAWATTAMIE	IA7812079	CWS	201109056	Total Trihalomethanes (TTHM)	30-Sep-11	MCL (Chem-Rad), Average	MCL	NOV Issued	9/27/2011
CARTER LAKE WATER DISTRICT	3785	POTTAWATTAMIE	IA7812079	CWS	201209553	Total Trihalomethanes (TTHM)	31-Dec-11	MCL (Chem-Rad), Average	MCL	NOV Issued	1/3/2012
CEDAR RIDGE VINEYARDS	161	JOHNSON	IA5285210	TNC	201209724	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/5/2012
CEDAR RIVER HARLEY DAVIDSON	33	FLOYD	IA3405202	TNC	201200238	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/7/2011
CEDAR RIVER HARLEY DAVIDSON	33	FLOYD	IA3405202	TNC	201200239	Nitrite (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/7/2011
CEDAR RIVER HARLEY DAVIDSON	33	FLOYD	IA3405202	TNC	201200240	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/7/2011
CEDAR ROCK VISITORS CENTER	107	BUCHANAN	IA1074401	TNC	201200017	Fecal Coliform	31-Oct-11	MCL (TCR), Acute	MCL	BCA Signed	4/27/2012
CEDAR ROCK VISITORS CENTER	107	BUCHANAN	IA1074401	TNC	201200018	Coliform (TCR)	31-Oct-11	MCL (TCR), Monthly	MCL	BCA Signed	4/27/2012
CEDAR SPRINGS WESLEYAN CAMP	39	FLOYD	IA3414494	TNC	201108423	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/11/2011
CEDAR VALLEY GOLF	27	CEDAR	IA1689202	TNC	201108465	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/11/2011
CEDARCREST GOLF & COUNTRY CLUB	146	LOUISA	IA5815825	TNC	201108611	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/17/2011
CENTER POINT WATER SUPPLY	2426	LINN	IA5718006	CWS	201209254	Radium, Combined (226, 228)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/4/2011
CENTRAL IA WATER ASSN (VERNON TOWNSHIP)	255	DUBUQUE	IA3126315	CWS	201108363	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/30/2011
CENTRAL IA WATER ASSN (VERNON TOWNSHIP)	255	DUBUQUE	IA3126315	CWS	201200213	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/24/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
CENTRAL IA WATER ASSN (VERNON TOWNSHIP)	255	DUBUQUE	IA3126315	CWS	201200214	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	NOV Issued	10/24/2011
CENTRAL IOWA POWER COOPERATIVE	56	LINN	IA5715103	NTNC	201108508	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/8/2011
CHAIN RIDGE SUBDIVISION	25	JOHNSON	IA5282307	CWS	201209364	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/3/2011
CHARLOTTE WATER WORKS	394	CLINTON	IA2324016	CWS	201107622	Radium, Combined (226, 228)	31-Mar-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/11/2012
CHARLOTTE WATER WORKS	394	CLINTON	IA2324016	CWS	201108164	Radium, Combined (226, 228)	30-Jun-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/11/2012
CHARLOTTE WATER WORKS	394	CLINTON	IA2324016	CWS	201108824	Radium, Combined (226, 228)	30-Sep-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/11/2012
CHARLOTTE WATER WORKS	394	CLINTON	IA2324016	CWS	201209404	Radium, Combined (226, 228)	31-Dec-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	4/11/2012
CHERRY HILLS SUBDIVISION	47	JOHNSON	IA5225305	CWS	201209243	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/1/2011
CHESTNUT RIDGE	50	LINN	IA5784312	CWS	201209122	Chlorine	30-Sep-11	Record Keeping	RPT	Compliance Achieved	11/16/2011
CHESTNUT RIDGE	50	LINN	IA5784312	CWS	201209959	Chlorine	31-Dec-11	Record Keeping	RPT	NOV Issued	1/23/2012
CHICKY-SHAW'S BAR AND GRILL	53	JACKSON	IA4982201	TNC	201108238	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/5/2011
CHURCH OF JESUS CHRIST OF LDS (ATLANTIC)	197	CASS	IA1509801	TNC	201108785	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/4/2011
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201107303	Nitrite (as N)	31-Jan-11	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2012
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201107475	Nitrite (as N)	28-Feb-11	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2012
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201107935	Nitrite (as N)	31-May-11	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2012
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201108265	Nitrite (as N)	30-Jun-11	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2012
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201108789	Nitrite (as N)	31-Aug-11	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2012

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CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201108967	Nitrite (as N)	30-Sep-11	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2012
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201200041	Nitrite (as N)	31-Oct-11	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2012
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201209400	Nitrite (as N)	30-Nov-11	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2012
CHURDAN WATER SUPPLY	386	GREENE	IA3709001	CWS	201209544	Nitrite (as N)	31-Dec-11	MCL (Chem-Rad), Single Sample	MCL	BCA Signed	1/20/2012
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	201108546	Copper	30-Jun-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	8/3/2011
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	201209572	Copper	31-Dec-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	4/23/2012
CLARINDA TREATMENT COMPLEX	1439	PAGE	IA7329501	CWS	201209573	Lead	31-Dec-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	4/23/2012
CLARMOND COUNTRY CLUB	40	WRIGHT	IA9905872	TNC	201107754	Fecal Coliform	30-Jun-11	MCL (TCR), Acute	MCL	Compliance Achieved	6/7/2011
CLARMOND COUNTRY CLUB	40	WRIGHT	IA9905872	TNC	201107755	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	6/7/2011
CLARMOND COUNTRY CLUB	40	WRIGHT	IA9905872	TNC	201108196	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/7/2011
CLARMOND COUNTRY CLUB	40	WRIGHT	IA9905872	TNC	201108750	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/9/2011
CLEAR CREEK MHP	150	JOHNSON	IA5288601	CWS	201107462	Failure to meet Certified Operator Requirement	25-Feb-11	Certified Operator Requirement	STA	NOV Issued	1/27/2011
CLEAR CREEK MHP	150	JOHNSON	IA5288601	CWS	201108759	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/28/2011
CLEAR CREEK MHP	150	JOHNSON	IA5288601	CWS	201108951	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/28/2011
CLEAR CREEK MHP	150	JOHNSON	IA5288601	CWS	201109019	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/23/2011
CLEAR CREEK MHP	150	JOHNSON	IA5288601	CWS	201200223	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/28/2011
CLEAR CREEK MHP	150	JOHNSON	IA5288601	CWS	201209378	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011

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CLEAR CREEK MHP	150	JOHNSON	IA5288601	CWS	201209379	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
CLEAR CREEK MHP	150	JOHNSON	IA5288601	CWS	201209380	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/28/2011
CLEAR CREEK MHP	150	JOHNSON	IA5288601	CWS	201209712	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	NOV Issued	1/23/2012
CLEGHORN WATER SUPPLY	247	CHEROKEE	IA1817045	CWS	201209576	Failure to meet Certified Operator Requirement	30-Sep-11	Certified Operator Requirement	STA	NOV Issued	12/14/2011
CLINTON COUNTRY CLUB AT THE OAKS	100	CLINTON	IA2326848	TNC	201108613	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/21/2011
CLINTON COUNTRY CLUB AT THE OAKS	100	CLINTON	IA2326848	TNC	201209481	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	3/14/2012
CLINTON COUNTRY CLUB AT THE OAKS	100	CLINTON	IA2326848	TNC	201209484	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/14/2012
CLINTON COUNTRY CLUB AT THE OAKS	100	CLINTON	IA2326848	TNC	201209543	E. coli	10-Nov-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	3/14/2012
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	201107805	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/12/2011
CLUB 76 INC	53	JOHNSON	IA5252719	TNC	201200132	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/20/2011
CODY ELEMENTARY SCHOOL	400	SCOTT	IA8271565	NTNC	201209314	Fluoride	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/14/2011
COIN WATER SUPPLY	193	PAGE	IA7335054	CWS	201209259	Total Trihalomethanes (TTHM)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/21/2011
COIN WATER SUPPLY	193	PAGE	IA7335054	CWS	201209260	Total Haloacetic Acids (HAA5)	30-Sep-11	Monitoring (DBP), Major	MON	Compliance Achieved	12/21/2011
COLFAX WATER SUPPLY	2093	JASPER	IA5009056	CWS	201209551	Chlorine	30-Sep-11	Failure to maintain adequate minimum chlorine residual	TT	Compliance Achieved	10/20/2011
COLLEGE SPRINGS WATER SUPPLY	214	PAGE	IA7341059	CWS	201109000	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/13/2011
COLLEGE SPRINGS WATER SUPPLY	214	PAGE	IA7341059	CWS	201200151	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/3/2011
CONO CHRISTIAN SCHOOL	100	LINN	IA5792555	CWS	201108617	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/12/2011

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CONO CHRISTIAN SCHOOL	100	LINN	IA5792555	CWS	201108989	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/14/2011
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201107643	Failure to have a Monitoring Plan	31-Jan-11	Total Coliform Rule	RPT	Compliance Achieved	7/10/2011
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201109021	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/23/2011
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201200130	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2011
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201200131	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	NOV Issued	10/19/2011
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201209239	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201209240	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201209241	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	CWS	201209242	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
CORNER MARKET	32	SCOTT	IA8258201	TNC	201200228	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/28/2011
CORNER MARKET	32	SCOTT	IA8258201	TNC	201209385	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/28/2011
CORNER MARKET	32	SCOTT	IA8258201	TNC	201209717	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/7/2012
COTTAGE RESERVE CORPORATION	198	JOHNSON	IA5200801	CWS	201200128	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	BCA Signed	11/29/2011
COTTAGE RESERVE CORPORATION	198	JOHNSON	IA5200801	CWS	201200129	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	BCA Signed	11/29/2011
COUNTRY ESTATES MOBILE HOME PARK	35	POTTAWATTAMIE	IA6500600	CWS	201109001	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	9/26/2011
COUNTRY HEIGHTS	91	MUSCATINE	IA7073301	CWS	201108480	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/14/2011
COUNTRY HEIGHTS	91	MUSCATINE	IA7073301	CWS	201108793	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/14/2011

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COUNTRY HEIGHTS	91	MUSCATINE	IA7073301	CWS	201109044	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/14/2011
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	201108492	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/24/2011
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	201209129	Chlorine	30-Sep-11	Record Keeping	RPT	Compliance Achieved	11/16/2011
COUNTRY MANOR ESTATES	228	LINN	IA5784307	CWS	201209960	Chlorine	31-Dec-11	Record Keeping	RPT	NOV Issued	1/23/2012
CRESCENT SKI HILLS	119	POTTAWATTAMIE	IA7822842	TNC	201200155	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/25/2011
CRESCO GOLF AND COUNTRY CLUB	36	HOWARD	IA4515778	TNC	201108615	Chlorine	31-Jul-11	Recordkeeping	RPT	Compliance Achieved	10/10/2011
CRESTON WATER SUPPLY	7834	UNION	IA8816089	CWS	201200169	Chlorite	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/25/2011
CRESTON WATER SUPPLY	7834	UNION	IA8816089	CWS	201209971	Carbon, Total Organic (TOC)	31-Oct-11	Monitoring (DBP), Major	MON	NOV Issued	3/9/2012
CRESTWOOD ACRES	142	LINN	IA5784314	CWS	201209123	Chlorine	30-Sep-11	Record Keeping	RPT	Compliance Achieved	11/16/2011
CRESTWOOD ACRES	142	LINN	IA5784314	CWS	201209961	Chlorine	31-Dec-11	Record Keeping	RPT	NOV Issued	1/23/2012
CROOKED CREEK CHRISTIAN CAMP	43	WASHINGTON	IA9271801	TNC	201209107	Coliform (TCR)	31-Dec-11	MCL (TCR), Monthly	MCL	Compliance Achieved	12/5/2011
CTR FOR ALCOHOL/DRUG SERV (COUNTRY OAKS)	80	SCOTT	IA8222451	TNC	201107294	Failure to Obtain a Construction Permit	31-Jan-11	Construction Without Permit	STA	Compliance Achieved	3/7/2011
D & M ADDITION	80	LINN	IA5784318	CWS	201209127	Chlorine	30-Sep-11	Record Keeping	RPT	Compliance Achieved	11/16/2011
D & M ADDITION	80	LINN	IA5784318	CWS	201209962	Chlorine	31-Dec-11	Record Keeping	RPT	NOV Issued	1/23/2012
DANBURY WATER SUPPLY	348	WOODBURY	IA9729099	CWS	201209521	Nitrate (as N)	30-Nov-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/12/2011
DANS OVERHEAD DOORS	110	JOHNSON	IA5252203	NTNC	201200247	Coliform (TCR)	31-Dec-11	MCL (TCR), Monthly	MCL	Compliance Achieved	11/29/2011
DECORAH SALES COMMISSION	105	WINNESHIEK	IA9630212	TNC	201107595	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/10/2011



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DEERFIELD HEIGHTS ASSOCIATION	31	WINNESHIEK	IA9630316	CWS	201209697	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/12/2012
DEERFIELD HEIGHTS ASSOCIATION	31	WINNESHIEK	IA9630316	CWS	201209742	Chlorine	31-Dec-11	Monitoring (DBP), Major	MON	NOV Issued	1/30/2012
DEERWOOD GOLF INC	306	HENRY	IA4458201	TNC	201200210	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/11/2011
DEESE THIRSTY CAMEL	67	LOUISA	IA7016202	TNC	201200199	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/31/2011
DELHI LAKEVIEW ESTATES	35	DELAWARE	IA2817456	TNC	201107497	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/23/2011
DELHI LAKEVIEW ESTATES	35	DELAWARE	IA2817456	TNC	201108412	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/20/2011
DELHI WATER SUPPLY	460	DELAWARE	IA2817020	CWS	201108990	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/5/2011
DERBY GRANGE GOLF INC	130	DUBUQUE	IA3126206	TNC	201108450	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/6/2011
DIAGONAL WATER DEPARTMENT	330	RINGGOLD	IA8018040	CWS	201108224	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/7/2011
DIVIDE HILL BAR & GRILL	50	MONONA	IA6715203	TNC	201108591	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/22/2011
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	201108444	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/11/2011
DIXON MEMORIAL PARK	30	SCOTT	IA8225495	TNC	201200158	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/11/2011
DIXON WATER WORKS	247	SCOTT	IA8225043	CWS	201108792	Failure to meet Compliance Schedule (Nitrate)	30-Jun-11	Compliance Schedule	V/E	NOV Issued	8/23/2011
DOON WATER SUPPLY	577	LYON	IA6015047	CWS	201107818	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/11/2011
DOON WATER SUPPLY	577	LYON	IA6015047	CWS	201107871	Chlorine	31-Mar-11	Monitoring (DBP), Major	MON	Compliance Achieved	6/8/2011
DOT-6 (I-80 RA 004N WILTON)	2400	MUSCATINE	IA7078791	TNC	201200268	Coliform (TCR)	31-Oct-11	MCL (TCR), Monthly	MCL	Compliance Achieved	12/15/2011
DOT-6 (I-80 RA 004N WILTON)	2400	MUSCATINE	IA7078791	TNC	201209476	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	12/15/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
DOT-6 (I-80 RA 004N WILTON)	2400	MUSCATINE	IA7078791	TNC	201209540	E. coli	05-Nov-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	12/15/2011
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	201200200	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/14/2011
DUBUQUE SPORTS COMPLEX	400	DUBUQUE	IA3126208	TNC	201200201	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/14/2011
DYERSVILLE GOLF AND COUNTRY CLUB	40	DUBUQUE	IA3130883	TNC	201108419	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/29/2011
DYERSVILLE MUNICIPAL WATER CO	4058	DUBUQUE	IA3130091	CWS	201209732	Radium, Combined (226, 228)	31-Dec-11	MCL (Chem-Rad), Average	MCL	BCA Signed	3/9/2012
EDDYVILLE MUNI WATER DEPT	1026	WAPELLO	IA9049001	CWS	201107640	Coliform (TCR)	28-Feb-11	Record Keeping	RPT	Compliance Achieved	3/11/2011
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201107893	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	6/23/2011
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201108258	Failure to use Treatment	30-Jun-11	Treatment Technique (Nitrate)	TT	BCA Signed	6/16/2011
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201108533	Fecal Coliform	31-Jul-11	MCL (TCR), Acute	MCL	BCA Signed	6/16/2011
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201108534	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	BCA Signed	6/16/2011
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201108808	Fecal Coliform	31-Aug-11	MCL (TCR), Acute	MCL	BCA Signed	6/16/2011
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201108809	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	BCA Signed	6/16/2011
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201108846	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	BCA Signed	6/16/2011
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	TNC	201209118	Nitrate (as N)	31-Jul-11	Recordkeeping	RPT	NOV Issued	8/8/2011
EIP MANUFACTURING, LLC	60	DELAWARE	IA2825101	NTNC	201209693	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/25/2012
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201107279	Nitrate (as N)	31-Jan-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/26/2011
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201107466	Nitrate (as N)	28-Feb-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/26/2011

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ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201107716	Nitrate (as N)	31-Mar-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/26/2011
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201107740	Nitrate (as N)	30-Apr-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/26/2011
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201107849	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/20/2011
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201107850	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/20/2011
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201107919	Nitrate (as N)	31-May-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/26/2011
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201108251	Nitrate (as N)	30-Jun-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/26/2011
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201108272	Failure to meet Compliance Schedule (Nitrate)	31-May-11	Compliance Schedule	V/E	NOV Issued	6/21/2011
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201108498	Nitrate (as N)	31-Jul-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/26/2011
ELDON C STUTSMAN INC	165	JOHNSON	IA5221101	NTNC	201108560	Nitrate (as N)	31-Aug-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/26/2011
ELDON WATER SUPPLY	927	WAPELLO	IA9053004	CWS	201108746	Total Haloacetic Acids (HAA5)	30-Jun-11	Monitoring (DBP), Major	MON	Compliance Achieved	9/21/2011
ELDON WATER SUPPLY	927	WAPELLO	IA9053004	CWS	201108747	Total Trihalomethanes (TTHM)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/21/2011
ELK LODGE # 297	60	DUBUQUE	IA3100724	TNC	201200069	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/29/2011
ELKADER GRACE EVANGELICAL FREE CHURCH	25	CLAYTON	IA2223801	TNC	201200049	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/20/2011
ELKADER GRACE EVANGELICAL FREE CHURCH	25	CLAYTON	IA2223801	TNC	201200064	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	9/21/2011
ELKADER GRACE EVANGELICAL FREE CHURCH	25	CLAYTON	IA2223801	TNC	201200246	E. coli	12-Sep-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	12/20/2011
ELLSWORTH PUBLIC WATER SUPPLY	531	HAMILTON	IA4009016	CWS	201209979	Chlorine	31-Dec-11	Recordkeeping	RPT	Compliance Achieved	4/9/2012
EQUISTAR CHEMICALS LP	225	CLINTON	IA2326104	NTNC	201108600	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/13/2011

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E-STOP	63	MILLS	IA6520201	TNC	201108236	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/27/2011
EVANGELICAL COVENANT CHURCH	128	POCAHONTAS	IA7622801	TNC	201209716	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/7/2012
EVERLY WATER SUPPLY	608	CLAY	IA2115029	CWS	201107623	Failure to meet Certified Operator Requirement	23-Feb-11	Certified Operator Requirement	STA	Compliance Achieved	2/16/2012
F B & COMPANY	42	LINN	IA5720201	TNC	201107837	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/23/2011
F B & COMPANY	42	LINN	IA5720201	TNC	201107838	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/23/2011
FARMINGTON WATER SUPPLY	664	VAN BUREN	IA8930038	CWS	201109022	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	11/25/2011
FONDA WATER SUPPLY	648	POCAHONTAS	IA7603045	CWS	201108843	Copper	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	9/6/2011
FONTANA PARK-PICNIC AREA	37	BUCHANAN	IA1031401	TNC	201107678	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/22/2011
FONTANA PARK-PICNIC AREA	37	BUCHANAN	IA1031401	TNC	201107882	Coliform (TCR)	30-Apr-11	MCL (TCR), Monthly	MCL	Compliance Achieved	3/22/2011
FOOD WASTE SOLUTIONS	60	LINN	IA5307101	NTNC	201209894	Di(2-Ethylhexyl) Adipate	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/27/2012
FOOD WASTE SOLUTIONS	60	LINN	IA5307101	NTNC	201209895	Di(2-Ethylhexyl) Phthalate	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/27/2012
FREEZE FRAME BOWL	41	FLOYD	IA1253851	TNC	201109070	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/31/2011
FREMONT MUNICIPAL WATER PLANT	743	MAHASKA	IA6234070	CWS	201107694	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/21/2011
GALLERY ACRES WEST	41	JOHNSON	IA5282306	CWS	201107738	Arsenic	30-Jun-11	MCL (Chem-Rad), Average	MCL	NOV Issued	4/5/2011
GALLERY ACRES WEST	41	JOHNSON	IA5282306	CWS	201107739	Arsenic	31-Mar-11	MCL (Chem-Rad), Average	MCL	NOV Issued	4/5/2011
GALLERY ACRES WEST	41	JOHNSON	IA5282306	CWS	201107940	Arsenic	30-Jun-11	MCL (Chem-Rad), Average	MCL	NOV Issued	5/23/2011
GALLERY ACRES WEST	41	JOHNSON	IA5282306	CWS	201108829	Arsenic	30-Sep-11	MCL (Chem-Rad), Average	MCL	NOV Issued	8/31/2011

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GALLERY ACRES WEST	41	JOHNSON	IA5282306	CWS	201109099	Arsenic	31-Dec-11	MCL (Chem-Rad), Average	MCL	NOV Issued	10/26/2011
GARDNER GOLF COURSE	206	LINN	IA5751203	TNC	201107714	Coliform (TCR)	31-Mar-11	MCL (TCR), Monthly	MCL	Compliance Achieved	6/20/2011
GARNAVILLO WATER SUPPLY	745	CLAYTON	IA2234074	CWS	201108404	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/25/2011
GILMORE CITY WATERWORKS	504	POCAHONTAS	IA7607088	CWS	201209261	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/30/2011
GILMORE CITY WATERWORKS	504	POCAHONTAS	IA7607088	CWS	201209262	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	11/30/2011
GILMORE CITY WATERWORKS	504	POCAHONTAS	IA7607088	CWS	201209675	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/30/2012
GLENN OAKS ADDITION	88	LINN	IA5784313	CWS	201209128	Chlorine	30-Sep-11	Record Keeping	RPT	Compliance Achieved	11/16/2011
GLENN OAKS ADDITION	88	LINN	IA5784313	CWS	201209963	Chlorine	31-Dec-11	Record Keeping	RPT	NOV Issued	1/23/2012
GLENWOOD MUNICIPAL UTILITIES	5740	MILLS	IA6525090	CWS	201107872	Total Trihalomethanes (TTHM)	31-Mar-11	MCL (Chem-Rad), Average	MCL	BCA Signed	5/12/2011
GLENWOOD MUNICIPAL UTILITIES	5740	MILLS	IA6525090	CWS	201107922	Total Trihalomethanes (TTHM)	30-Jun-11	MCL (Chem-Rad), Average	MCL	BCA Signed	5/12/2011
GLENWOOD MUNICIPAL UTILITIES	5740	MILLS	IA6525090	CWS	201108823	Total Trihalomethanes (TTHM)	30-Sep-11	MCL (Chem-Rad), Average	MCL	BCA Signed	5/12/2011
GLENWOOD MUNICIPAL UTILITIES	5740	MILLS	IA6525090	CWS	201209440	Total Trihalomethanes (TTHM)	31-Dec-11	MCL (Chem-Rad), Average	MCL	BCA Signed	5/12/2011
GOLD KEY MOTEL	58	FRANKLIN	IA3544720	TNC	201107508	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2011
GOLD KEY MOTEL	58	FRANKLIN	IA3544720	TNC	201107687	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2011
GOLD KEY MOTEL	58	FRANKLIN	IA3544720	TNC	201107796	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2011
GOLD KEY MOTEL	58	FRANKLIN	IA3544720	TNC	201107964	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2011
GOLD KEY MOTEL	58	FRANKLIN	IA3544720	TNC	201108207	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/24/2011

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GOLF SIDE GRILLE	45	DUBUQUE	IA3130731	TNC	201108418	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/15/2011
GOLF SIDE GRILLE	45	DUBUQUE	IA3130731	TNC	201108924	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/9/2011
GOLF SIDE GRILLE	45	DUBUQUE	IA3130731	TNC	201200108	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/15/2011
GRANDMAS SNACK SHOP	46	BUTLER	IA1211821	TNC	201107493	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/14/2011
GREEN PLAINS - LAKOTA	73	KOSSUTH	IA5540101	NTNC	201107296	Fecal Coliform	31-Mar-11	MCL (TCR), Acute	MCL	Compliance Achieved	4/5/2011
GREEN PLAINS - LAKOTA	73	KOSSUTH	IA5540101	NTNC	201107297	Coliform (TCR)	31-Mar-11	MCL (TCR), Monthly	MCL	Compliance Achieved	4/5/2011
GREEN PLAINS - LAKOTA	73	KOSSUTH	IA5540101	NTNC	201107607	Coliform (TCR)	28-Feb-11	MCL (TCR), Monthly	MCL	Compliance Achieved	4/5/2011
GREEN PLAINS - LAKOTA	73	KOSSUTH	IA5540101	NTNC	201107765	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	4/5/2011
GREEN PLAINS - LAKOTA	73	KOSSUTH	IA5540101	NTNC	201107772	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/5/2011
GREEN PLAINS - LAKOTA	73	KOSSUTH	IA5540101	NTNC	201108266	Fecal Coliform	30-Jun-11	MCL (TCR), Acute	MCL	Compliance Achieved	7/5/2011
GREEN PLAINS - LAKOTA	73	KOSSUTH	IA5540101	NTNC	201108267	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/5/2011
GREEN PLAINS - LAKOTA	73	KOSSUTH	IA5540101	NTNC	201209367	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/1/2011
GREEN VALLEY AG AND TURF	82	LINN	IA5758201	NTNC	201200231	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	NOV Issued	10/26/2011
GREEN VALLEY AG AND TURF	82	LINN	IA5758201	NTNC	201200232	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/26/2011
GRIMES WATER SUPPLY	8246	POLK	IA7736011	CWS	201108554	Fecal Coliform	31-Aug-11	MCL (TCR), Acute	MCL	Compliance Achieved	9/13/2011
GRIMES WATER SUPPLY	8246	POLK	IA7736011	CWS	201108555	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/13/2011
GRIMES WATER SUPPLY	8246	POLK	IA7736011	CWS	201209552	Chlorine	31-Oct-11	Failure to maintain adequate minimum chlorine residual	TT	Compliance Achieved	11/5/2011

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GRISWOLD GOLF AND COUNTRY CLUB	43	CASS	IA1528809	TNC	201107431	Failure to meet Compliance Schedule	31-Jan-11	Compliance Schedule	V/E	NOV Issued	1/18/2011
GUTTENBERG GOLF & COUNTRY CLUB	129	CLAYTON	IA2242204	TNC	201108139	Nitrate (as N)	30-Apr-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/29/2011
GUTTENBERG GOLF & COUNTRY CLUB	129	CLAYTON	IA2242204	TNC	201108229	Nitrate (as N)	31-May-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/29/2011
HANFORD COMMUNITY CHURCH	52	CERRO GORDO	IA1739801	TNC	201108467	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/22/2011
HANFORD COMMUNITY CHURCH	52	CERRO GORDO	IA1739801	TNC	201200221	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/18/2011
HANLONTOWN WATER SUPPLY SYSTEM	244	WORTH	IA9830001	CWS	201209976	Chlorine	31-Dec-11	Recordkeeping	RPT	Compliance Achieved	3/9/2012
HAPPY TIME RESORT LLC	30	WORTH	IA9835401	TNC	201108564	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/7/2011
HENNESSY SCHOOL (PETERSBURG)	125	DELAWARE	IA3130809	NTNC	201209945	Lead	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	2/21/2012
HERITAGE RESIDENCE	36	CHICKASAW	IA1900901	CWS	201210029	Chlorine	31-Dec-11	Monitoring (MOR)	MON	Compliance Achieved	1/6/2012
HERKYS HUT	52	JOHNSON	IA5260202	TNC	201107942	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/26/2011
HERKYS HUT	52	JOHNSON	IA5260202	TNC	201107943	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	5/26/2011
HERKYS HUT	52	JOHNSON	IA5260202	TNC	201108154	E. coli	11-Apr-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	5/26/2011
HERKYS HUT	52	JOHNSON	IA5260202	TNC	201200222	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/3/2011
HERKYS HUT	52	JOHNSON	IA5260202	TNC	201209532	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/1/2011
HI POINT GOLF COURSE	153	JOHNSON	IA5225802	TNC	201108790	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/30/2011
HI POINT GOLF COURSE	153	JOHNSON	IA5225802	TNC	201200242	E. coli	29-Sep-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/30/2011
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	TNC	201209117	Chlorine	31-Jul-11	Recordkeeping	RPT	NOV Issued	8/8/2011

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HICKORY HILLS FIRST ANNEX HOA	156	SCOTT	IA8215372	CWS	201108841	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/26/2011
HICKORY HILLS SUBDIVISION #1	75	SCOTT	IA8215302	CWS	201107447	Coliform (TCR)	31-Jan-11	MCL (TCR), Monthly	MCL	Compliance Achieved	3/10/2011
HIDDEN HILLS GOLF COURSE	155	SCOTT	IA8209802	TNC	201108443	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/22/2011
HIDEAWAY HILLS MOBILE HOME PARK	40	ALLAMAKEE	IA0345603	CWS	201108873	Radium, Combined (226, 228)	31-Mar-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/1/2012
HIDEAWAY HILLS MOBILE HOME PARK	40	ALLAMAKEE	IA0345603	CWS	201108874	Radium, Combined (226, 228)	30-Jun-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/1/2012
HIDEAWAY HILLS MOBILE HOME PARK	40	ALLAMAKEE	IA0345603	CWS	201108875	Radium, Combined (226, 228)	30-Sep-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/1/2012
HIDEAWAY HILLS MOBILE HOME PARK	40	ALLAMAKEE	IA0345603	CWS	201209566	Radium, Combined (226, 228)	31-Dec-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	2/1/2012
HIGH AND WEST AMANA WATER SUPPLY	250	IOWA	IA4880087	CWS	201109094	Copper	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/25/2011
HIGHLAND GENERAL STORE & CAMPGROUND	59	WINNESHIEK	IA9656401	TNC	201209707	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/9/2012
HILLTOP ROAD ASSOCIATION #2	55	MUSCATINE	IA7048308	CWS	201109097	Lead	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/25/2011
<b>HOLDENS FOUNDATION SEEDS INC #4</b>	34	IOWA	IA4884835	TNC	201108715	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/15/2011
HORNICK WATER SUPPLY	225	WOODBURY	IA9738057	CWS	201108818	Failure to meet Certified Operator Requirement	31-Jul-11	Certified Operator Requirement	STA	Compliance Achieved	4/1/2012
HOSPERS MUNICIPAL WATER DEPT	703	SIOUX	IA8439058	CWS	201209737	Failure to meet Certified Operator Requirement	20-Dec-11	Certified Operator Requirement	STA	NOV Issued	1/13/2012
HOWARD H CHERRY SCOUT RESERVATION	155	LINN	IA5720421	TNC	201108187	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/26/2011
<b>HUBBARD GOLF &amp; RECREATION</b>	25	HARDIN	IA4254801	TNC	201107928	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	12/7/2011
<b>HUBBARD GOLF &amp; RECREATION</b>	25	HARDIN	IA4254801	TNC	201108194	Coliform (TCR)	31-May-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	8/31/2011
<b>HUBBARD GOLF &amp; RECREATION</b>	25	HARDIN	IA4254801	TNC	201108241	E. coli	29-May-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	8/31/2011



Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
HUBBARD GOLF & RECREATION	25	HARDIN	IA4254801	TNC	201108388	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/7/2011
HUMBOLDT MUNICIPAL WATER DEPT	4690	HUMBOLDT	IA4641064	CWS	201209752	Failure to meet Compliance Schedule	31-Dec-11	Compliance Schedule	V/E	BCA Signed	2/24/2012
INGHAM LAKE ESTATES	46	EMMET	IA3290301	CWS	201209229	Gross Alpha, excluding Rn & U	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/19/2012
INGHAM LAKE ESTATES	46	EMMET	IA3290301	CWS	201209230	Radium, Combined (226, 228)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/19/2012
INGHAM LAKE ESTATES	46	EMMET	IA3290301	CWS	201209728	Radium, Combined (226, 228)	31-Dec-11	MCL (Chem-Rad), Average	MCL	NOV Issued	1/24/2012
IOWA CITY REGENCY MOBILE HOME COMMUNITY	700	JOHNSON	IA5225673	CWS	201209860	Sodium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/29/2012
IOWA STATE PENITENTIARY	1200	LEE	IA5600947	CWS	201200139	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/3/2011
IOWA STATE PENITENTIARY	1200	LEE	IA5600947	CWS	201209417	Copper	30-Jun-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	12/2/2011
IOWA STATE PENITENTIARY	1200	LEE	IA5600947	CWS	201209418	Lead	30-Jun-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	12/2/2011
IOWA STATE PENITENTIARY	1200	LEE	IA5600947	CWS	201209419	Copper	31-Dec-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	12/2/2011
IOWA STATE PENITENTIARY	1200	LEE	IA5600947	CWS	201209554	Lead	31-Dec-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	1/5/2012
IOWA-AMERICAN WTR CO-DAVENPORT	137201	SCOTT	IA8222001	CWS	201108170	Total Trihalomethanes (TTHM)	30-Jun-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	10/24/2011
IZAAK WALTON LEAGUE-GREEN BAY CHAPTER	51	LEE	IA5625401	TNC	201108312	Nitrate (as N)	30-Jun-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/30/2011
IZAAK WALTON LEAGUE-GREEN BAY CHAPTER	51	LEE	IA5625401	TNC	201108499	Nitrate (as N)	31-Jul-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/30/2011
IZAAK WALTON LEAGUE-GREEN BAY CHAPTER	51	LEE	IA5625401	TNC	201109036	Nitrate (as N)	30-Sep-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/30/2011
IZAAK WALTON LEAGUE-GREEN BAY CHAPTER	51	LEE	IA5625401	TNC	201200255	Nitrate (as N)	31-Oct-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	11/30/2011
JERICO JOS	28	CHICKASAW	IA1951201	TNC	201200196	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/16/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
JERICO JOS	28	CHICKASAW	IA1951201	TNC	201200197	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/16/2011
JESUP MUNICIPAL WATER SUPPLY	2527	BUCHANAN	IA1044006	CWS	201200080	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	NOV Issued	10/24/2011
JESUP MUNICIPAL WATER SUPPLY	2527	BUCHANAN	IA1044006	CWS	201200081	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/24/2011
JMD OIL INC	455	CEDAR	IA1600605	CWS	201109023	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/25/2011
JOHNSTON MUNICIPAL WATER SUPPLY	17306	POLK	IA7740011	CWS	201209729	Chlorine	31-Jan-11	Monitoring (MOR)	MON	NOV Issued	1/25/2012
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201108616	Chlorine	31-Jul-11	Recordkeeping	RPT	Compliance Achieved	8/18/2011
JOS LONGBRANCH	27	HOWARD	IA4515202	TNC	201200192	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/3/2011
KENSETT WATER SUPPLY	266	WORTH	IA9840018	CWS	201209980	Chlorine	31-Dec-11	Recordkeeping	RPT	Compliance Achieved	3/4/2012
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201109072	Nitrite (as N)	30-Sep-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	1/17/2012
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201209488	Nitrite (as N)	30-Nov-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/20/2011
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201209489	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/20/2011
KEYSTONE WATER SUPPLY	622	BENTON	IA0640030	CWS	201209490	Nitrite (as N)	30-Nov-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/20/2011
KINZE MANUFACTURING INC	580	IOWA	IA4884101	NTNC	201209422	Coliform (TCR)	31-Dec-11	MCL (TCR), Monthly	MCL	NOV Issued	12/8/2011
KUM & GO STORE #267	604	CEDAR	IA1689402	TNC	201209473	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/4/2012
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201108144	Radium, Combined (226, 228)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/26/2011
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201108145	Uranium	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/2/2011
LACINA MEADOWS RESIDENTIAL SUBDIVISION	42	JOHNSON	IA5225328	CWS	201108146	Gross Alpha, excluding Rn & U	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/2/2011

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LAKE CREST MANOR HOA # 1	28	JOHNSON	IA5200899	CWS	201108502	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/26/2011
LAKE MACBRIDE STATE PARK-EAST	27	JOHNSON	IA5282941	TNC	201108324	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/8/2011
LAKEWOOD UTILITIES	200	WEBSTER	IA9433324	CWS	201108997	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/22/2011
LAKOTA WATER SUPPLY	255	KOSSUTH	IA5540049	CWS	201200136	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	BCA Signed	11/28/2011
LAKOTA WATER SUPPLY	255	KOSSUTH	IA5540049	CWS	201200137	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	BCA Signed	11/28/2011
LAMONI MUNICIPAL UTILITIES	2324	DECATUR	IA2740050	CWS	201108579	Total Trihalomethanes (TTHM)	30-Sep-11	MCL (Chem-Rad), Average	MCL	NOV Issued	8/10/2011
LANESBORO WATER WORKS	121	CARROLL	IA1449053	CWS	201107932	Arsenic	30-Jun-11	MCL (Chem-Rad), Average	MCL	BCA Signed	4/20/2012
LANESBORO WATER WORKS	121	CARROLL	IA1449053	CWS	201209139	Arsenic	30-Sep-11	MCL (Chem-Rad), Average	MCL	BCA Signed	4/20/2012
LANESBORO WATER WORKS	121	CARROLL	IA1449053	CWS	201209567	Arsenic	31-Dec-11	MCL (Chem-Rad), Average	MCL	BCA Signed	4/20/2012
LARRABEE MUNICIPAL WATER WORKS	134	CHEROKEE	IA1833060	CWS	201209109	Failure to meet Certified Operator Requirement	01-Jul-11	Certified Operator Requirement	STA	NOV Issued	10/11/2011
LAURA INGALLS WILDER MUSEUM WELL	46	WINNESHIEK	IA9609601	TNC	201200209	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/3/2011
LETTS UNITED METHODIST CHURCH	26	LOUISA	IA5847820	TNC	201209671	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/7/2012
LIME SPRINGS WATER SUPPLY	505	HOWARD	IA4535081	CWS	201209662	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/3/2012
LIME SPRINGS WATER SUPPLY	505	HOWARD	IA4535081	CWS	201209739	Chlorine	31-Dec-11	Monitoring (DBP), Major	MON	Compliance Achieved	4/9/2012
LINCOLNWAY INVESTMENT GROUP	110	LINN	IA5748201	TNC	201107842	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/25/2011
LINN COUNTY CHAPTER IZAAK WALTON LEAGUE	52	LINN	IA5715211	TNC	201107441	Coliform (TCR)	31-Mar-11	MCL (TCR), Monthly	MCL	Compliance Achieved	4/11/2011
LINN COUNTY CHAPTER IZAAK WALTON LEAGUE	52	LINN	IA5715211	TNC	201107612	Coliform (TCR)	28-Feb-11	MCL (TCR), Monthly	MCL	Compliance Achieved	3/21/2011

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LINN COUNTY CHAPTER IZAAK WALTON LEAGUE	52	LINN	IA5715211	TNC	201107758	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	4/11/2011
LINN COUNTY CHAPTER IZAAK WALTON LEAGUE	52	LINN	IA5715211	TNC	201107759	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	4/11/2011
LINN COUNTY CHAPTER IZAAK WALTON LEAGUE	52	LINN	IA5715211	TNC	201107862	E. coli	11-Mar-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	4/11/2011
LINN COUNTY CHAPTER IZAAK WALTON LEAGUE	52	LINN	IA5715211	TNC	201108637	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	8/3/2011
LINN COUNTY CHAPTER IZAAK WALTON LEAGUE	52	LINN	IA5715211	TNC	201108779	E. coli	24-Jul-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	7/28/2011
LINN HOLLOW MHP	120	WASHINGTON	IA9200601	CWS	201109024	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	2/28/2012
LINN HOLLOW MHP	120	WASHINGTON	IA9200601	CWS	201209350	Radium, Combined (226, 228)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	11/18/2011
LINN HOLLOW MHP	120	WASHINGTON	IA9200601	CWS	201209351	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
LINN HOLLOW MHP	120	WASHINGTON	IA9200601	CWS	201209352	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	201108382	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/28/2011
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	201108557	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/28/2011
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	201108781	E. coli	01-Jul-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/28/2011
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	201108784	E. coli	30-Jul-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/28/2011
LITTLE ANGELS CHILD CARE CENTER	65	JOHNSON	IA5285501	NTNC	201200241	E. coli	04-Sep-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/28/2011
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201107289	Failure to meet Compliance Schedule	12-Jan-11	Compliance Schedule	V/E	Compliance Achieved	11/3/2011
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201108551	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	11/3/2011
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201108863	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	11/3/2011

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LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201200020	Coliform (TCR)	31-Oct-11	MCL (TCR), Monthly	MCL	Compliance Achieved	11/3/2011
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201209150	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	11/3/2011
LITTLE SIOUX SCOUT RANCH	25	HARRISON	IA7820431	TNC	201209392	E. coli	17-Oct-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	11/3/2011
LITTLEFIELD REC AREA	25	AUDUBON	IA0520905	TNC	201107433	Failure to meet Compliance Schedule	19-Jan-11	Compliance Schedule	V/E	NOV Issued	1/19/2011
LIVING HOPE COMMUNITY CHURCH	50	POTTAWATTAMIE	IA7820804	TNC	201108758	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/19/2011
LOGAN-MISSOURI VALLEY COUNTRY CLUB	300	HARRISON	IA4337201	TNC	201200195	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/10/2011
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201107517	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201107689	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201107803	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201108002	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201108210	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201108431	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201108716	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201108932	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201200124	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201200125	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201209238	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012

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LOMBARDIS	54	DUBUQUE	IA4910861	TNC	201209498	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/29/2012
LONE TREE MUNI WATER SYSTEM	1300	JOHNSON	IA5240095	CWS	201107436	Chlorine	28-Feb-11	Recordkeeping	RPT	Compliance Achieved	3/9/2011
LONE TREE MUNI WATER SYSTEM	1300	JOHNSON	IA5240095	CWS	201209247	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/2/2011
LONE TREE MUNI WATER SYSTEM	1300	JOHNSON	IA5240095	CWS	201209248	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/2/2011
LOST CANYON MHP (PEOSTA)	97	DUBUQUE	IA3100608	CWS	201200103	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	BCA Signed	12/19/2011
LOST CANYON MHP (PEOSTA)	97	DUBUQUE	IA3100608	CWS	201200104	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	BCA Signed	12/19/2011
LOUISA CO LAW ENFORCEMENT CTR	46	LOUISA	IA5800901	CWS	201209255	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
LOUISA CO LAW ENFORCEMENT CTR	46	LOUISA	IA5800901	CWS	201209256	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
LOUISA-MUSCATINE COMMUNITY SCHOOL	1190	LOUISA	IA5847537	NTNC	201107816	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/14/2011
LOYAL ORDER OF THE MOOSE LODGE/C RAPIDS	70	LINN	IA5715209	TNC	201108459	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/4/2011
LOYAL ORDER OF THE MOOSE LODGE/C RAPIDS	70	LINN	IA5715209	TNC	201200202	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/4/2011
LUCKY RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	201200261	Coliform (TCR)	31-Dec-11	MCL (TCR), Monthly	MCL	NOV Issued	10/26/2011
LUCKY RESORT CAMPGROUND	105	CERRO GORDO	IA1759401	TNC	201209480	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	NOV Issued	12/19/2011
LYNNVILLE WATER DEPT	379	JASPER	IA5047008	CWS	201109013	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/11/2011
MAGGIES DINER	41	CLAYTON	IA2258201	TNC	201108406	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/11/2011
MALLARD WATER SUPPLY	277	PALO ALTO	IA7450019	CWS	201107465	Arsenic	31-Mar-11	MCL (Chem-Rad), Average	MCL	NOV Issued	2/14/2011
MALLARD WATER SUPPLY	277	PALO ALTO	IA7450019	CWS	201107884	Arsenic	30-Jun-11	MCL (Chem-Rad), Average	MCL	NOV Issued	4/25/2011

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MALLARD WATER SUPPLY	277	PALO ALTO	IA7450019	CWS	201209101	Arsenic	30-Sep-11	MCL (Chem-Rad), Average	MCL	NOV Issued	11/2/2011
MALLARD WATER SUPPLY	277	PALO ALTO	IA7450019	CWS	201209753	Arsenic	31-Dec-11	MCL (Chem-Rad), Average	MCL	NOV Issued	2/14/2012
MARCUS WATER SUPPLY	1124	CHEROKEE	IA1838032	CWS	201209754	Failure to meet Certified Operator Requirement	25-Dec-11	Certified Operator Requirement	STA	NOV Issued	1/24/2012
MARR PARK	148	WASHINGTON	IA9203461	TNC	201108152	E. coli	30-Apr-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	5/9/2011
MARTHAS HILLTOP BAR & GRILL	34	JACKSON	IA4953202	TNC	201200233	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/4/2011
MAXWELL WATER DEPARTMENT	920	STORY	IA8557058	CWS	201107700	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/15/2011
MEADOW KNOLLS ADDITION	68	LINN	IA5751301	CWS	201108855	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/25/2011
MELBOURNE WATER SUPPLY	830	MARSHALL	IA6471063	CWS	201209731	Chlorine	31-Jan-11	Monitoring (MOR)	MON	NOV Issued	1/25/2012
MID RIVER MARINA	31	JOHNSON	IA5252202	TNC	201108232	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/1/2011
MID RIVER MARINA	31	JOHNSON	IA5252202	TNC	201108315	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/25/2011
MID RIVER MARINA	31	JOHNSON	IA5252202	TNC	201108630	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/25/2011
MID RIVER MARINA	31	JOHNSON	IA5252202	TNC	201108644	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	10/25/2011
MID RIVER MARINA	31	JOHNSON	IA5252202	TNC	201108774	E. coli	11-Jul-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	10/25/2011
MID RIVER MARINA	31	JOHNSON	IA5252202	TNC	201200203	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/28/2011
MID RIVER MARINA	31	JOHNSON	IA5252202	TNC	201209570	Failure to meet Certified Operator Requirement	31-Oct-11	Certified Operator Requirement	STA	NOV Issued	1/10/2012
MIDDLETOWN WATER SUPPLY	318	DES MOINES	IA2952075	CWS	201107885	Total Trihalomethanes (TTHM)	31-Mar-11	MCL (Chem-Rad), Average	MCL	BCA Signed	8/15/2011
MIDDLETOWN WATER SUPPLY	318	DES MOINES	IA2952075	CWS	201108360	Total Trihalomethanes (TTHM)	30-Jun-11	MCL (Chem-Rad), Average	MCL	BCA Signed	8/15/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
MIDDLETOWN WATER SUPPLY	318	DES MOINES	IA2952075	CWS	201209575	Failure to meet Compliance Schedule (TTHM)	31-Dec-11	Compliance Schedule	V/E	NOV Issued	1/12/2012
MID-MART, INC.	51	DUBUQUE	IA3100740	TNC	201109049	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/21/2011
MILLERSBURG WATER DEPT	159	IOWA	IA4852082	CWS	201108714	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/8/2011
MINES OF SPAIN - EB LYONS NATURE CENTER	35	DUBUQUE	IA3126401	TNC	201108516	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/16/2011
MINES OF SPAIN - EB LYONS NATURE CENTER	35	DUBUQUE	IA3126401	TNC	201209228	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/7/2011
MINGO WATER DEPARTMENT	302	JASPER	IA5052087	CWS	201107873	Chlorine	30-Apr-11	MRDL (Chlorine), Monitoring	MON	Compliance Achieved	5/7/2011
MISSFITZ BAR & GRILL	40	ALLAMAKEE	IA0330202	TNC	201107675	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/16/2011
MITCHELL TOWN PUMP	102	MITCHELL	IA6642773	TNC	201108153	E. coli	28-Apr-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	5/25/2011
MOONEY HOLLOW BARN	102	JACKSON	IA4953201	TNC	201107450	Coliform (TCR)	31-Mar-11	MCL (TCR), Monthly	MCL	Compliance Achieved	3/31/2011
MOONEY HOLLOW BARN	102	JACKSON	IA4953201	TNC	201107616	Coliform (TCR)	28-Feb-11	MCL (TCR), Monthly	MCL	Compliance Achieved	3/31/2011
MOONEY HOLLOW BARN	102	JACKSON	IA4953201	TNC	201108317	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/29/2011
MOONSHINE TAP	30	CHICKASAW	IA1974222	TNC	201107494	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/28/2011
MOONSHINE TAP	30	CHICKASAW	IA1974222	TNC	201107787	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/24/2011
MOONSHINE TAP	30	CHICKASAW	IA1974222	TNC	201108660	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/31/2011
MOONSHINE TAP	30	CHICKASAW	IA1974222	TNC	201209646	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/23/2012
MOONSHINE TAP	30	CHICKASAW	IA1974222	TNC	201209647	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/26/2012
MORAVIA PUBLIC WATER SUPPLY	665	APPANOOSE	IA0467008	CWS	201109014	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/22/2011



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MOTEL 6 (I80 EXIT 225)	30	IOWA	IA4884202	TNC	201107856	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/1/2011
MOUNT AUBURN WATER SUPPLY	150	BENTON	IA0650001	CWS	201209111	Chlorine	30-Jun-11	Record Keeping	RPT	Compliance Achieved	10/1/2011
MOUNT AYR WATER TREATMENT PLANT	1691	RINGGOLD	IA8055014	CWS	201108275	Chlorine	30-Jun-11	Monitoring (DBP), Major	MON	Compliance Achieved	5/10/2011
MOUNT AYR WATER TREATMENT PLANT	1691	RINGGOLD	IA8055014	CWS	201108739	Total Haloacetic Acids (HAA5)	30-Jun-11	Monitoring (DBP), Major	MON	Compliance Achieved	7/19/2011
MOUNT AYR WATER TREATMENT PLANT	1691	RINGGOLD	IA8055014	CWS	201108740	Total Trihalomethanes (TTHM)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/19/2011
MOUNT VERNON COMMUNITY BIBLE CHURCH	78	LINN	IA5758801	TNC	201108322	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/29/2011
MT JOY MOBILE HOME PARK	173	SCOTT	IA8222603	CWS	201107634	Coliform (TCR)	28-Feb-11	Record Keeping	RPT	Compliance Achieved	3/15/2011
MUSCATINE COM SCHOOL TRANSPORTATION BLDG	50	MUSCATINE	IA7048501	TNC	201109076	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	12/20/2011
MUSCATINE COM SCHOOL TRANSPORTATION BLDG	50	MUSCATINE	IA7048501	TNC	201209155	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/20/2011
MYSTIC WATER SUPPLY	425	APPANOOSE	IA0477040	CWS	201109015	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/23/2011
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201200087	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/18/2012
NEW HAMPTON GOLF & COUNTRY CLUB	57	CHICKASAW	IA1970202	TNC	201200088	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/18/2011
NEW HORIZON COOP/SPARBOE FARMS-BRITT	30	HANCOCK	IA4103801	NTNC	201209702	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/9/2012
NEW MARKET WATER SUPPLY	415	TAYLOR	IA8758061	CWS	201107701	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/8/2011
NEW MARKET WATER SUPPLY	415	TAYLOR	IA8758061	CWS	201107725	Chlorine	28-Feb-11	Record Keeping	RPT	Compliance Achieved	3/8/2011
NEW WINE PARK	105	DUBUQUE	IA3126940	TNC	201107961	Nitrate (as N)	30-Apr-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/10/2011
NEWELL WATER TREATMENT PLANT	891	BUENA VISTA	IA1155049	CWS	201209110	Copper	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	11/4/2011

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NEWPORT JUNCTION BP	715	LOUISA	IA5857201	TNC	201108481	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/26/2011
NEXTERA ENERGY DUANE ARNOLD LLC	500	LINN	IA5715150	NTNC	201108787	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/26/2011
NORTH END MOBILE HOME PARK	78	DUBUQUE	IA3100609	CWS	201107959	Sodium	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/27/2011
NORTH END MOBILE HOME PARK	78	DUBUQUE	IA3100609	CWS	201209226	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/20/2011
NORTH END MOBILE HOME PARK	78	DUBUQUE	IA3100609	CWS	201209227	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/20/2011
NORTHWOOD ESTATES	52	JOHNSON	IA5225308	CWS	201108280	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/16/2011
NORWAY CITY WATER SUPPLY	545	BENTON	IA0656081	CWS	201108992	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/23/2011
OAK VALLEY	154	LINN	IA5784311	CWS	201209124	Chlorine	30-Sep-11	Record Keeping	RPT	Compliance Achieved	11/16/2011
OAK VALLEY	154	LINN	IA5784311	CWS	201209964	Chlorine	31-Dec-11	Record Keeping	RPT	NOV Issued	1/23/2012
OAKRIDGE HOMEOWNERS ASSOCIATION	32	CERRO GORDO	IA1716304	CWS	201209377	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/14/2011
OAKVILLE WATER SUPPLY	173	LOUISA	IA5868085	CWS	201109025	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	11/2/2011
ODEBOLT WATER SUPPLY	1018	SAC	IA8144087	CWS	201108814	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/19/2011
OLD 218 TAP	32	JOHNSON	IA5221206	TNC	201107439	Coliform (TCR)	31-Mar-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/11/2011
OLD 218 TAP	32	JOHNSON	IA5221206	TNC	201107484	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	2/19/2011
OLD 218 TAP	32	JOHNSON	IA5221206	TNC	201107600	E. coli	31-Jan-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	2/19/2011
OLD 218 TAP	32	JOHNSON	IA5221206	TNC	201108851	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/11/2011
OLD 218 TAP	32	JOHNSON	IA5221206	TNC	201209703	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/31/2012

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OLD 218 TAP	32	JOHNSON	IA5221206	TNC	201209704	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/28/2012
OLD 218 TAP	32	JOHNSON	IA5221206	TNC	201209705	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/31/2012
ORCHARD WATER WORKS	71	MITCHELL	IA6668001	CWS	201107535	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/23/2011
ORCHARD WATER WORKS	71	MITCHELL	IA6668001	CWS	201107653	Chlorine	31-Jan-11	Monitoring (DBP), Major	MON	Compliance Achieved	9/7/2011
ORCHARD WATER WORKS	71	MITCHELL	IA6668001	CWS	201108045	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/4/2011
ORCHARD WATER WORKS	71	MITCHELL	IA6668001	CWS	201108160	Chlorine	30-Apr-11	Monitoring (DBP), Major	MON	Compliance Achieved	9/7/2011
OSBORNE OUTDOOR EDUCATION CENTER	84	CLAYTON	IA2223430	TNC	201108575	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/11/2011
OSKALOOSA MUNICIPAL WATER DEPT	12173	MAHASKA	IA6273005	CWS	201107470	Turbidity	16-Feb-11	Single Combined Filter Effluent (IESWTR)	TT	NOV Issued	2/16/2011
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201107590	Nitrate (as N)	31-Jan-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/8/2011
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201107591	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/8/2011
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201108319	Nitrate (as N)	30-Jun-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	10/18/2011
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201200189	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/18/2011
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201200190	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/18/2011
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201209120	Chlorine	31-Jul-11	Recordkeeping	RPT	Compliance Achieved	8/22/2011
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201209523	Nitrate (as N)	30-Nov-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/1/2011
OSTERDOCK STORE	26	CLAYTON	IA2242203	TNC	201209524	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/1/2011
OTHO WATER SUPPLY	542	WEBSTER	IA9464008	CWS	201209355	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/7/2011

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OTHO WATER SUPPLY	542	WEBSTER	IA9464008	CWS	201209356	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/7/2011
OYENS WATER SUPPLY	103	PLYMOUTH	IA7561021	CWS	201108271	Failure to meet Certified Operator Requirement	01-Jun-11	Certified Operator Requirement	STA	NOV Issued	6/14/2011
OYENS WATER SUPPLY	103	PLYMOUTH	IA7561021	CWS	201109033	Fecal Coliform	30-Sep-11	MCL (TCR), Acute	MCL	Compliance Achieved	10/31/2011
OYENS WATER SUPPLY	103	PLYMOUTH	IA7561021	CWS	201109034	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/31/2011
PALISADES KEPLER STATE PARK - LODGE	208	LINN	IA5751946	TNC	201107920	Coliform (TCR)	31-May-11	MCL (TCR), Monthly	MCL	Compliance Achieved	6/27/2011
PALO WATER SUPPLY	108	LINN	IA5765101	CWS	201108969	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	12/6/2011
PALO WATER SUPPLY	108	LINN	IA5765101	CWS	201108988	Fecal Coliform	30-Sep-11	MCL (TCR), Acute	MCL	Compliance Achieved	12/6/2011
PALO WATER SUPPLY	108	LINN	IA5765101	CWS	201209169	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/6/2011
PALO WATER SUPPLY	108	LINN	IA5765101	CWS	201209526	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/6/2011
PARK VIEW WATER & SANITARY DISTRICT	2389	SCOTT	IA8200855	CWS	201200156	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	11/8/2011
PERSHING UTILITIES CORP	487	MARION	IA6300800	CWS	201109087	Failure to meet Compliance Schedule	01-Oct-11	Compliance Schedule	V/E	NOV Issued	10/19/2011
PICTURED ROCKS METHODIST CAMP	56	JONES	IA5343413	TNC	201107691	Nitrate (as N)	28-Feb-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	3/2/2011
PINE LAKE CHRISTIAN CENTER	205	HARDIN	IA4236404	TNC	201108619	Fecal Coliform	31-Aug-11	MCL (TCR), Acute	MCL	Compliance Achieved	9/12/2011
PINE LAKE CHRISTIAN CENTER	205	HARDIN	IA4236404	TNC	201108620	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/12/2011
PINE LAKE CHRISTIAN CENTER	205	HARDIN	IA4236404	TNC	201200029	Fecal Coliform	31-Oct-11	MCL (TCR), Acute	MCL	Compliance Achieved	10/14/2011
PINE LAKE CHRISTIAN CENTER	205	HARDIN	IA4236404	TNC	201200030	Coliform (TCR)	31-Oct-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/14/2011
PINTERS GARDEN CENTER & PUMPKIN PATCH	25	WINNESHIEK	IA9630213	TNC	201108278	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/20/2011

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PLA-MOR BOWL OF IOWA FALLS, INC.	173	HARDIN	IA4260210	TNC	201209659	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/26/2012
PLANTATION VILLAGE OWNERS ASSN INC	49	DES MOINES	IA2900600	CWS	201109028	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/27/2011
PLANTATION VILLAGE OWNERS ASSN INC	49	DES MOINES	IA2900600	CWS	201200100	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/25/2011
PLEASANT CREEK ST REC AREA-SOUTH	503	LINN	IA5765403	TNC	201108307	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/27/2011
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	201108202	Nitrate (as N)	31-May-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/16/2011
PLUM CREEK GOLF CLUB	25	CHICKASAW	IA1940827	TNC	201108917	Nitrate (as N)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/30/2011
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201108138	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/12/2011
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201108457	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/30/2011
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201108753	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/30/2011
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201108796	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/30/2011
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201200001	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/30/2011
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201209159	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	9/30/2011
PLUM RIVER GOLF COURSE	100	JACKSON	IA4965201	TNC	201209396	E. coli	13-Oct-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/30/2011
PLYMOUTH WATER SUPPLY	382	CERRO GORDO	IA1759048	CWS	201209738	Copper	31-Dec-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	1/27/2012
POMEROY WATER SUPPLY	668	CALHOUN	IA1363051	CWS	201109051	Failure to meet Certified Operator Requirement	31-Aug-11	Certified Operator Requirement	STA	NOV Issued	9/15/2011
PRAIRIE HILLS	45	WOODBURY	IA9700901	CWS	201109086	Lead	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	9/27/2011
PRAIRIE VIEW ESTATES ASSOC JOHNSON CNTY	155	JOHNSON	IA5225326	CWS	201107705	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/23/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
PRAIRIE VIEW ESTATES ASSOC JOHNSON CNTY	155	JOHNSON	IA5225326	CWS	201108142	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/24/2011
PRIME TIME RESTAURANT & SPORTS LOUNGE	110	KOSSUTH	IA5502731	TNC	201107808	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/10/2011
PRIME TIME RESTAURANT & SPORTS LOUNGE	110	KOSSUTH	IA5502731	TNC	201200135	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/27/2011
PRIMERA FOODS	65	HANCOCK	IA4103101	NTNC	201107799	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/11/2011
QUAKERDALE	60	HARDIN	IA4271901	CWS	201107588	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/3/2011
RABINER TREATMENT CENTER	156	WEBSTER	IA9433801	CWS	201200211	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	BCA Signed	11/30/2011
RABINER TREATMENT CENTER	156	WEBSTER	IA9433801	CWS	201200212	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	BCA Signed	11/30/2011
RABINER TREATMENT CENTER	156	WEBSTER	IA9433801	CWS	201209369	Sodium	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/15/2011
RACERS BAR & GRILL	105	KOSSUTH	IA5502203	TNC	201108804	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	12/20/2011
RACERS BAR & GRILL	105	KOSSUTH	IA5502203	TNC	201209115	Coliform (TCR)	30-Nov-11	MCL (TCR), Monthly	MCL	Compliance Achieved	12/20/2011
RACERS BAR & GRILL	105	KOSSUTH	IA5502203	TNC	201209170	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	12/20/2011
RACERS BAR & GRILL	105	KOSSUTH	IA5502203	TNC	201209393	E. coli	14-Oct-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	12/20/2011
RACERS BAR & GRILL	105	KOSSUTH	IA5502203	TNC	201209538	E. coli	14-Nov-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	12/20/2011
RAUSCH PETROLEUM LIMITED CO	89	CLAYTON	IA2242205	TNC	201108955	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/1/2011
REMBRANDT ENTERPRISES INC (REMBRANDT)	95	BUENA VISTA	IA1170101	NTNC	201108528	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/23/2011
REVELLE 1ST & 2ND SUBDIVISION	54	SCOTT	IA8215396	CWS	201109030	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	11/7/2011
REVELLE 1ST & 2ND SUBDIVISION	54	SCOTT	IA8215396	CWS	201109089	Lead	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/25/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
RICEVILLE WATER SUPPLY	795	MITCHELL	IA4558001	CWS	201209978	Chlorine	31-Dec-11	Recordkeeping	RPT	Compliance Achieved	3/6/2012
RILEY DEVELOPMENT	30	DUBUQUE	IA3100648	TNC	201200105	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/14/2011
RIVER HEIGHTS PROPERTY OWNERS ASSOC.	390	JOHNSON	IA5200318	CWS	201108180	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/6/2011
RIVER HEIGHTS PROPERTY OWNERS ASSOC.	390	JOHNSON	IA5200318	CWS	201108352	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/6/2011
RIVER HEIGHTS PROPERTY OWNERS ASSOC.	390	JOHNSON	IA5200318	CWS	201108386	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	8/6/2011
RIVER HEIGHTS PROPERTY OWNERS ASSOC.	390	JOHNSON	IA5200318	CWS	201108477	E. coli	23-Jun-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	8/6/2011
RIVERTON WATER WORKS	304	FREMONT	IA3655071	CWS	201109006	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/23/2011
RIVERTON WATER WORKS	304	FREMONT	IA3655071	CWS	201200111	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	NOV Issued	10/25/2011
RIVERTON WATER WORKS	304	FREMONT	IA3655071	CWS	201200112	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/25/2011
RIVERTON WATER WORKS	304	FREMONT	IA3655071	CWS	201209231	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
RIVERTON WATER WORKS	304	FREMONT	IA3655071	CWS	201209232	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
RIVERVIEW SUBDIVISION	37	MUSCATINE	IA7038301	CWS	201109031	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	10/27/2011
ROCK FALLS LOUNGE	26	CERRO GORDO	IA1769767	TNC	201108401	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/25/2011
ROCKY KNOLL MHP	55	WINNEBAGO	IA9525601	CWS	201107703	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/14/2011
ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201108147	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/27/2011
ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201108237	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/27/2011
ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201108633	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	9/20/2011

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ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201108634	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/20/2011
ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201108771	E. coli	09-Jul-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/20/2011
ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201108952	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/20/2011
ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201200224	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/2/2012
ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201209382	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/2/2012
ROLLING ACRES GOLF COURSE	50	LINN	IA5718202	TNC	201209713	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/2/2012
ROLLING ACRES SUBDIVISION	115	MUSCATINE	IA7048310	CWS	201209375	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/2/2011
ROLLING ACRES SUBDIVISION	115	MUSCATINE	IA7048310	CWS	201209376	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	BCA Signed	12/2/2011
ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201108761	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/28/2011
ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201108762	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/28/2011
ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201109098	Lead	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/25/2011
ROLLING GREEN ESTATES HOA INC	51	SCOTT	IA8225301	CWS	201209719	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/30/2012
ROWAN MUNI WATER SUPPLY	158	WRIGHT	IA9958004	CWS	201200183	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	BCA Signed	10/20/2011
ROWAN MUNI WATER SUPPLY	158	WRIGHT	IA9958004	CWS	201200184	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	BCA Signed	10/20/2011
SAINT JOSEPHS CHURCH	27	JOHNSON	IA5221801	TNC	201107299	Nitrate (as N)	31-Jan-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/6/2011
SAINT JOSEPHS CHURCH	27	JOHNSON	IA5221801	TNC	201107706	Nitrate (as N)	28-Feb-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/6/2011
SAINT JOSEPHS CHURCH	27	JOHNSON	IA5221801	TNC	201107851	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/6/2011



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SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201209406	Coliform (TCR)	31-Dec-11	MCL (TCR), Monthly	MCL	Compliance Achieved	2/2/2012
SAINT PETER & PAUL PARISH - SHERRIL	200	DUBUQUE	IA3183596	TNC	201209637	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/2/2012
SALEM WATER SUPPLY	383	HENRY	IA4478023	CWS	201108583	Radium, Combined (226, 228)	30-Jun-11	MCL (Chem-Rad), Average	MCL	NOV Issued	8/11/2011
SALEM WATER SUPPLY	383	HENRY	IA4478023	CWS	201108584	Gross Alpha, excluding Rn & U	30-Jun-11	MCL (Chem-Rad), Average	MCL	NOV Issued	8/11/2011
SALEM WATER SUPPLY	383	HENRY	IA4478023	CWS	201109063	Radium, Combined (226, 228)	30-Sep-11	MCL (Chem-Rad), Average	MCL	NOV Issued	9/29/2011
SALEM WATER SUPPLY	383	HENRY	IA4478023	CWS	201109064	Gross Alpha, excluding Rn & U	30-Sep-11	MCL (Chem-Rad), Average	MCL	NOV Issued	9/29/2011
SALEM WATER SUPPLY	383	HENRY	IA4478023	CWS	201209823	Fluoride	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
SALEM WATER SUPPLY	383	HENRY	IA4478023	CWS	201209824	Uranium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
SCALES POINTE	71	JOHNSON	IA5200830	TNC	201209665	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/20/2012
SCENIC ACRES	44	CLAYTON	IA2200901	CWS	201200090	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/8/2011
SCENIC ACRES	44	CLAYTON	IA2200901	CWS	201209187	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/8/2011
SCENIC VIEW CAMPGROUND	25	ALLAMAKEE	IA0385401	TNC	201209130	Failure to Obtain a Construction Permit	30-Jun-11	Construction Without Permit	STA	Compliance Achieved	8/23/2011
SCOOTERS	125	JONES	IA5307202	TNC	201107857	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/12/2011
SCOOTERS	125	JONES	IA5307202	TNC	201200227	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/3/2011
SCOTT CO PK-INCAHIAS	157	SCOTT	IA8251998	TNC	201108225	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/8/2011
SCOTT CO PK-INCAHIAS	157	SCOTT	IA8251998	TNC	201108651	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	8/8/2011
SCOTT CO PK-INCAHIAS	157	SCOTT	IA8251998	TNC	201108772	E. coli	09-Jul-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	8/8/2011

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SCOTT CO-WEST LAKE LAKEVIEW	100	SCOTT	IA8215900	TNC	201200157	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2011
SCRANTON WATER SYSTEM	557	GREENE	IA3759031	CWS	201108483	Arsenic	30-Sep-11	MCL (Chem-Rad), Average	MCL	NOV Issued	7/19/2011
SCRANTON WATER SYSTEM	557	GREENE	IA3759031	CWS	201209399	Arsenic	31-Dec-11	MCL (Chem-Rad), Average	MCL	NOV Issued	11/18/2011
SHARPLESS AUCTIONS	27	JOHNSON	IA5225206	TNC	201200215	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/3/2011
<b>SHAWVER WELL CO</b>	28	CHICKASAW	IA1940301	NTNC	201107941	Failure to meet Compliance Schedule	15-May-11	Compliance Schedule	V/E	NOV Issued	5/23/2011
SHELL QUICK MART	210	BREMER	IA0990207	TNC	201108458	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/13/2011
SILVERCREST GOLF & COUNTRY CLUB, INC.	88	WINNESHIEK	IA9630882	TNC	201209690	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/10/2012
SIOUX CITY WATER SUPPLY	82759	WOODBURY	IA9778054	CWS	201109082	Failure to Obtain a Construction Permit	31-Aug-11	Construction Without Permit	STA	NOV Issued	8/31/2011
SKY LINE INN	40	DUBUQUE	IA3100720	TNC	201108385	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	7/20/2011
SKY LINE INN	40	DUBUQUE	IA3100720	TNC	201108476	E. coli	24-Jun-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	7/20/2011
SLABYS TAVERN	27	SCOTT	IA8270201	TNC	201108462	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/29/2011
SLABYS TAVERN	27	SCOTT	IA8270201	TNC	201200208	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/1/2011
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201107467	Gross Alpha, excluding Rn & U	31-Mar-11	MCL (Chem-Rad), Single Sample	MCL	NOV Issued	2/16/2011
SLEEPY HOLLOW CAMPGROUND & RV PARK	70	JOHNSON	IA5260601	CWS	201107926	Coliform (TCR)	31-May-11	MCL (TCR), Monthly	MCL	Compliance Achieved	5/24/2011
SLOAN WATER SUPPLY	973	WOODBURY	IA9780059	CWS	201107874	Failure to meet Certified Operator Requirement	05-Apr-11	Certified Operator Requirement	STA	Compliance Achieved	11/29/2011
SOLDIER WATER SUPPLY	177	MONONA	IA6749061	CWS	201109007	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/22/2011
SOUTH AMANA WATER SUPPLY	159	IOWA	IA4868034	CWS	201109092	Copper	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/25/2011

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SOUTH AMANA WATER SUPPLY	159	IOWA	IA4868034	CWS	201109093	Lead	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/25/2011
SOUTHWEST REG WATER DISTRICT (CLARINDA)	2355	PAGE	IA7383901	CWS	201107751	Coliform (TCR)	30-Apr-11	MCL (TCR), Monthly	MCL	Compliance Achieved	5/16/2011
SOUTHWEST REG WATER DISTRICT (RED OAK)	2520	MONTGOMERY	IA6950701	CWS	201107752	Coliform (TCR)	30-Apr-11	MCL (TCR), Monthly	MCL	Compliance Achieved	5/16/2011
SOUTHWEST REG WATER DISTRICT (RED OAK)	2520	MONTGOMERY	IA6950701	CWS	201108177	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/12/2011
SPARBOE FARMS (EGG BREAKING)	50	WRIGHT	IA9926802	NTNC	201200217	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	BCA Signed	12/2/2011
SPARBOE FARMS (EGG BREAKING)	50	WRIGHT	IA9926802	NTNC	201200218	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	BCA Signed	12/2/2011
SPARBOE FARMS (EGG BREAKING)	50	WRIGHT	IA9926802	NTNC	201200219	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/3/2012
SPARBOE FARMS (EGG BREAKING)	50	WRIGHT	IA9926802	NTNC	201209708	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/3/2012
SPARBOE FARMS (EGG BREAKING)	50	WRIGHT	IA9926802	NTNC	201209740	Chlorine	31-Dec-11	Monitoring (DBP), Major	MON	NOV Issued	1/30/2012
SPARBOE FARMS (GOODELL)	30	HANCOCK	IA4135801	NTNC	201209701	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/29/2012
SPARBOE FARMS (GOODELL)	30	HANCOCK	IA4135801	NTNC	201209741	Chlorine	31-Dec-11	Monitoring (DBP), Major	MON	NOV Issued	1/30/2012
SPENCER LIVESTOCK SALES INC	62	CLAY	IA2171201	TNC	201108403	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/19/2011
SPRING VALLEY BIBLE CAMP	80	MUSCATINE	IA7048438	TNC	201210467	Failure to use Treatment	31-Jul-11	Treatment Technique (Chlorine)	TT	Compliance Achieved	9/29/2011
SPRINGBROOK STATE PARK-MAIN SYSTEM	67	GUTHRIE	IA3937934	TNC	201200114	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	10/19/2011
SPRUCE CREEK PARK # 5	43	JACKSON	IA4910404	TNC	201108303	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/28/2011
SQUAW VALLEY SOUTH SUBDIVISION	163	STORY	IA8503305	CWS	201108185	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/8/2011
ST ANNS CATHOLIC CHURCH	200	SCOTT	IA8251801	TNC	201209176	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	11/29/2011

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ST ANNS CATHOLIC CHURCH	200	SCOTT	IA8251801	TNC	201209177	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/29/2011
ST ANNS CATHOLIC CHURCH	200	SCOTT	IA8251801	TNC	201209390	E. coli	01-Oct-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	11/29/2011
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201108494	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/22/2011
ST JOHN LUTHERAN CHURCH	98	HANCOCK	IA4130801	TNC	201108821	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/22/2011
ST JOHNS LUTHERAN CHURCH	157	JONES	IA5343815	NTNC	201107479	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	5/25/2011
ST JOHNS LUTHERAN CHURCH	157	JONES	IA5343815	NTNC	201107631	Coliform (TCR)	28-Feb-11	MCL (TCR), Monthly	MCL	Compliance Achieved	5/25/2011
ST JOHNS LUTHERAN CHURCH	157	JONES	IA5343815	NTNC	201107717	Coliform (TCR)	31-Mar-11	MCL (TCR), Monthly	MCL	Compliance Achieved	5/25/2011
ST JOHNS LUTHERAN CHURCH	157	JONES	IA5343815	NTNC	201107865	E. coli	13-Mar-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	5/25/2011
ST JOHNS LUTHERAN CHURCH	29	BUTLER	IA1253853	TNC	201108397	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/13/2011
ST. JOHN LUTH. CHURCH (MINEOLA)	25	MILLS	IA6549801	TNC	201107651	Coliform (TCR)	31-Mar-11	MCL (TCR), Monthly	MCL	Compliance Achieved	4/11/2011
STONE STATE PARK	150	WOODBURY	IA9778966	TNC	201108607	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/12/2011
STORY CITY WATER DEPT	3431	STORY	IA8584000	CWS	201108169	Lead	30-Jun-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	6/7/2011
STORY CITY WATER DEPT	3431	STORY	IA8584000	CWS	201209574	Lead	31-Dec-11	AL (Pb/Cu), 90th Percentile	MCL	NOV Issued	1/12/2012
STOUT WATER SUPPLY	224	GRUNDY	IA3880001	CWS	201107968	Sodium	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/14/2011
SUTHERLAND WATER SUPPLY	653	O'BRIEN	IA7177007	CWS	201107915	Failure to meet Certified Operator Requirement	02-May-11	Certified Operator Requirement	STA	Compliance Achieved	9/7/2011
SUTHERLAND WATER SUPPLY	653	O'BRIEN	IA7177007	CWS	201108562	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/1/2011
SWARTZROCK IMPLEMENT CO INC	37	FLOYD	IA3405201	TNC	201108291	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/13/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
SYNGENTA SEEDS INC	25	CARROLL	IA1415101	NTNC	201107609	Arsenic	31-Mar-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/7/2011
SYNGENTA SEEDS INC	25	CARROLL	IA1415101	NTNC	201108165	Arsenic	30-Jun-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/7/2011
SYNGENTA SEEDS INC	25	CARROLL	IA1415101	NTNC	201109048	Arsenic	30-Sep-11	MCL (Chem-Rad), Average	MCL	Compliance Achieved	12/7/2011
TERRY WATER ASSOCIATION	46	BENTON	IA0690303	CWS	201108993	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/23/2011
TESAHA	32	LINN	IA5776301	CWS	201108994	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	11/20/2011
THE BEARS DEN LLC	51	FAYETTE	IA3357769	TNC	201209114	Chlorine	31-Jul-11	Recordkeeping	RPT	NOV Issued	8/8/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201107593	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/23/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201107771	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	6/29/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201107843	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	4/27/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201107864	E. coli	07-Mar-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	6/29/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201107916	Failure to meet Certified Operator Requirement	30-Apr-11	Certified Operator Requirement	STA	Compliance Achieved	2/21/2012
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201108143	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/29/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201108234	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/29/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201108235	Nitrate (as N)	31-May-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/29/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201108757	Nitrate (as N)	31-Jul-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	8/10/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201108950	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/30/2011
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201200263	Nitrate (as N)	31-Oct-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	2/21/2012

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201209416	Nitrate (as N)	30-Nov-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	2/21/2012
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201209699	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/21/2012
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201209700	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/21/2012
THE CATFISH PLACE	69	MUSCATINE	IA7052204	TNC	201209940	Nitrate (as N)	28-Feb-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	2/21/2012
THE CELEBRATION FARM LLC	25	JOHNSON	IA5225210	TNC	201209386	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	11/25/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201107473	Coliform (TCR)	28-Feb-11	MCL (TCR), Monthly	MCL	Compliance Achieved	3/30/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201107481	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	3/30/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201107601	E. coli	16-Jan-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	3/30/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201107606	Fecal Coliform	28-Feb-11	MCL (TCR), Acute	MCL	Compliance Achieved	3/30/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201108008	Nitrate (as N)	30-Apr-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/15/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201108009	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/15/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201108010	Nitrate (as N)	30-Apr-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/15/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201108011	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/15/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201108214	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/15/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201108215	Nitrate (as N)	31-May-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/15/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201108216	Nitrate (as N)	31-May-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/15/2011
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201108217	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	6/15/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
THE DAM BAR & GRILL INC	29	LINN	IA5786890	TNC	201209119	Chlorine	31-Jul-11	Recordkeeping	RPT	NOV Issued	8/8/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201107592	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/19/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201107704	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/19/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201107841	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/19/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201108137	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/19/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201108228	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/19/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201108456	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/19/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201108490	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	2/1/2012
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201108890	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/31/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201108910	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	10/31/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201108965	E. coli	01-Aug-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/14/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201108968	Fecal Coliform	31-Jul-11	MCL (TCR), Acute	MCL	Compliance Achieved	2/1/2012
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201200191	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/31/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201209105	Coliform (TCR)	31-Oct-11	MCL (TCR), Monthly	MCL	Compliance Achieved	2/1/2012
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201209463	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	11/30/2011
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201209469	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/1/2012
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201209541	E. coli	12-Nov-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	2/1/2012

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THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201209695	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	2/1/2012
THE DETOUR WATER SUPPLY	27	DELAWARE	IA3130201	TNC	201209696	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/1/2012
THE MILE AWAY	25	POTTAWATTAMIE	IA7820203	TNC	201107839	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	5/11/2011
THE NATURAL GAIT	25	ALLAMAKEE	IA0375202	TNC	201109078	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	NOV Issued	10/6/2011
THE NATURAL GAIT	25	ALLAMAKEE	IA0375202	TNC	201200274	Coliform (TCR)	31-Dec-11	MCL (TCR), Monthly	MCL	NOV Issued	10/31/2011
THE OLD WATERVILLE STORE	75	ALLAMAKEE	IA0397202	TNC	201107624	Coliform (TCR)	31-Mar-11	MCL (TCR), Monthly	MCL	Compliance Achieved	4/11/2011
THE OLD WATERVILLE STORE	75	ALLAMAKEE	IA0397202	TNC	201107777	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/11/2011
THE OLD WATERVILLE STORE	75	ALLAMAKEE	IA0397202	TNC	201108239	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/26/2011
THE OLD WATERVILLE STORE	75	ALLAMAKEE	IA0397202	TNC	201108471	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/25/2011
THE OLD WATERVILLE STORE	75	ALLAMAKEE	IA0397202	TNC	201108472	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/26/2011
THE OLD WATERVILLE STORE	75	ALLAMAKEE	IA0397202	TNC	201108518	Fecal Coliform	31-Jul-11	MCL (TCR), Acute	MCL	Compliance Achieved	9/6/2011
THE OLD WATERVILLE STORE	75	ALLAMAKEE	IA0397202	TNC	201108519	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/6/2011
THE OLD WATERVILLE STORE	75	ALLAMAKEE	IA0397202	TNC	201108521	Failure to meet Compliance Schedule	28-Jul-11	Compliance Schedule	V/E	Compliance Achieved	9/13/2011
THE OLD WATERVILLE STORE	75	ALLAMAKEE	IA0397202	TNC	201108559	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/6/2011
THE PINICON	187	CHICKASAW	IA1970203	TNC	201108256	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/21/2011
THE PINICON	187	CHICKASAW	IA1970203	TNC	201108653	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	9/21/2011
THE WHARF	52	DUBUQUE	IA3126204	TNC	201107499	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/4/2011



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THE WHARF	52	DUBUQUE	IA3126204	TNC	201108417	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	7/21/2011
THE WHARF	52	DUBUQUE	IA3126204	TNC	201108569	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/24/2011
THREE FINGERS CAMPGROUND	252	WINNEBAGO	IA9525401	TNC	201209709	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/3/2012
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201200074	Total Haloacetic Acids (HAA5)	31-Aug-11	Monitoring (DBP), Major	MON	NOV Issued	10/24/2011
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201200075	Total Trihalomethanes (TTHM)	31-Aug-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/24/2011
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201209447	Nitrite (as N)	31-Dec-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	4/25/2012
TIMBER RIDGE	225	BENTON	IA0600600	CWS	201209643	Nitrite (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	1/25/2012
TIMBER RIDGE LODGE RECREATION, LTD.	220	MONONA	IA6715711	TNC	201108536	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/25/2011
TIMBER VALLEY ESTATES (1ST & 2ND ADD)	192	SCOTT	IA8215384	CWS	201108095	Sodium	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	5/24/2011
TIMBERLAKE	52	JOHNSON	IA5200810	CWS	201107903	Coliform (TCR)	31-May-11	Compliance Schedule	V/E	Compliance Achieved	9/1/2011
TIMBERLAKE	52	JOHNSON	IA5200810	CWS	201108157	Coliform (TCR)	31-May-11	MCL (TCR), Monthly	MCL	Compliance Achieved	7/29/2011
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201200066	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	9/27/2011
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201200243	E. coli	25-Sep-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/27/2011
TIMBERLINE GOLF COURSE INC.	130	DUBUQUE	IA3126883	TNC	201209653	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	1/24/2012
TOBEY JACKS MINEOLA STEAK HOUSE	102	MILLS	IA6549201	TNC	201108466	Nitrate (as N)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	7/26/2011
TOLEDO WATER SUPPLY	2341	TAMA	IA8676027	CWS	201209730	Chlorine	31-Jan-11	Monitoring (MOR)	MON	NOV Issued	1/25/2012
TOM BELL DETASSLING	50	MUSCATINE	IA7016801	TNC	201108387	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	7/18/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
TOM BELL DETASSLING	50	MUSCATINE	IA7016801	TNC	201200230	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/19/2011
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201200186	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/25/2011
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	TNC	201200187	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	NOV Issued	10/25/2011
TROUT VALLEY 2ND ADDITION	85	SCOTT	IA8209301	CWS	201108604	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/4/2011
TRURO WATERWORKS	485	MADISON	IA6167036	CWS	201209512	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/7/2011
TWIN KNOLLS FOURTH/FIFTH ADDITION	144	LINN	IA5784326	CWS	201209126	Chlorine	30-Sep-11	Record Keeping	RPT	Compliance Achieved	11/16/2011
TWIN KNOLLS FOURTH/FIFTH ADDITION	144	LINN	IA5784326	CWS	201209965	Chlorine	31-Dec-11	Record Keeping	RPT	NOV Issued	1/23/2012
TWIN OAK CAMP GROUND	32	CERRO GORDO	IA1716424	TNC	201200085	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/3/2011
TWIN RIDGE CORP	174	DUBUQUE	IA3126302	CWS	201108995	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	Compliance Achieved	11/1/2011
TYSON FRESH MEATS INC (COLUMBUS JCT)	1200	LOUISA	IA5815101	NTNC	201107737	Coliform (TCR)	30-Apr-11	MCL (TCR), Monthly	MCL	Compliance Achieved	5/12/2011
TYSON FRESH MEATS, INC (DENISON PLANT)	350	CRAWFORD	IA2424108	NTNC	201107680	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	3/22/2011
UNIVERSITY WATER SYSTEM	26684	JOHNSON	IA5225101	CWS	201108434	Carbon, Total Organic (TOC)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	6/2/2011
UTE WATER SUPPLY	374	MONONA	IA6762043	CWS	201108173	Nitrate (as N)	30-Jun-11	MCL (Chem-Rad), Single Sample	MCL	Compliance Achieved	12/14/2011
VALLEY CHURCH	80	JOHNSON	IA5285722	TNC	201209137	Coliform (TCR)	30-Nov-11	MCL (TCR), Monthly	MCL	Compliance Achieved	1/31/2012
VALLEY CHURCH	80	JOHNSON	IA5285722	TNC	201209456	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	1/31/2012
VALLEY CHURCH	80	JOHNSON	IA5285722	TNC	201209542	E. coli	03-Nov-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	1/31/2012
VALLEY CHURCH	80	JOHNSON	IA5285722	TNC	201209622	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	1/31/2012

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
VALLEY HIGH SCHOOL	675	FAYETTE	IA3338500	NTNC	201108827	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/26/2011
VALLEY INN (PLEASANT VALLEY)	105	SCOTT	IA8271743	TNC	201108096	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/28/2011
VALLEY INN (PLEASANT VALLEY)	105	SCOTT	IA8271743	TNC	201108226	Coliform (TCR)	31-May-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/28/2011
VALLEY INN (PLEASANT VALLEY)	105	SCOTT	IA8271743	TNC	201108445	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/28/2011
VALLEY INN (PLEASANT VALLEY)	105	SCOTT	IA8271743	TNC	201200160	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/6/2011
VALLEY INN (PLEASANT VALLEY)	105	SCOTT	IA8271743	TNC	201209685	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	2/22/2012
VALLEY VIEW WATER ASSOCIATION	65	HARRISON	IA4300601	CWS	201109009	Failure to Issue Consumer Confidence Report	31-Jul-11	Consumer Confidence Report (CCR)	RPT	NOV Issued	9/22/2011
VERN ACRES (OLIPHANT ADDITION)	150	LINN	IA5784303	CWS	201108510	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/25/2011
VERN ACRES (OLIPHANT ADDITION)	150	LINN	IA5784303	CWS	201209121	Chlorine	30-Sep-11	Record Keeping	RPT	Compliance Achieved	11/16/2011
VERN ACRES (OLIPHANT ADDITION)	150	LINN	IA5784303	CWS	201209966	Chlorine	31-Dec-11	Record Keeping	RPT	NOV Issued	1/23/2012
VICTOR MUNICIPAL WATER DEPT	893	IOWA	IA4875050	CWS	201109095	Copper	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/25/2011
VILLAGE CREEK BIBLE CAMP	166	ALLAMAKEE	IA0345481	TNC	201209112	Chlorine	31-Jul-11	Recordkeeping	RPT	NOV Issued	8/8/2011
WALLACE FOUNDATION LEARNING CENTER	28	POTTAWATTAMIE	IA7856901	TNC	201107646	Coliform (TCR)	31-Mar-11	MCL (TCR), Monthly	MCL	Compliance Achieved	4/18/2011
WALNUT ACRES CAMPGROUND	50	JONES	IA5343203	TNC	201108589	Chlorine	31-Jul-11	Recordkeeping	RPT	NOV Issued	8/8/2011
WALNUT ACRES CAMPGROUND II	50	JONES	IA5343204	TNC	201108524	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/8/2011
WALNUT ACRES CAMPGROUND II	50	JONES	IA5343204	TNC	201108573	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	9/28/2011
WALNUT ACRES CAMPGROUND II	50	JONES	IA5343204	TNC	201108903	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	9/28/2011

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWSID	PWS Type	Violation Number	Analyte	Compliance End Date	Violation	Violation Type	Enforcement Action	Enforcement Action Date
WALNUT ACRES CAMPGROUND II	50	JONES	IA5343204	TNC	201108966	E. coli	07-Aug-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	9/28/2011
WAPELLO RURAL WATER ASSOC.	15601	WAPELLO	IA9000742	CWS	201108379	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	8/10/2011
WAPSIE VALLEY COM SCH- FAIRBANK	285	BREMER	IA1025554	NTNC	201209446	Copper	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	12/20/2011
WAPSIPINICON STATE PK- CAMPGROUND/LODGE	150	JONES	IA5307943	TNC	201108380	Coliform (TCR)	31-Jul-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/10/2011
WASHINGTON PRAIRIE LUTHERAN CHURCH	124	WINNESHIEK	IA9630809	TNC	201108449	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/11/2011
WASHINGTON TWSP. ELEMENTARY SCHOOL	160	WASHINGTON	IA9233522	NTNC	201209623	Coliform (TCR)	31-Dec-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	1/25/2012
WASHINGTON TWSP. ELEMENTARY SCHOOL	160	WASHINGTON	IA9233522	NTNC	201209727	E. coli	24-Dec-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	1/25/2012
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201108590	Chlorine	31-Jul-11	Recordkeeping	RPT	NOV Issued	8/5/2011
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201200220	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/5/2011
WAYNE ZION LUTHERAN CHURCH	52	JONES	IA5343801	TNC	201209531	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/21/2011
WELLMAN MUNICIPAL WATERWORKS	1408	WASHINGTON	IA9276096	CWS	201108132	Coliform (TCR)	30-Apr-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	5/26/2011
WELLMAN MUNICIPAL WATERWORKS	1408	WASHINGTON	IA9276096	CWS	201109100	Chlorine	30-Jun-11	MRDL (Chlorine/Chloramine)	MRDL	NOV Issued	10/26/2011
WELLMAN MUNICIPAL WATERWORKS	1408	WASHINGTON	IA9276096	CWS	201209547	Chlorine	30-Sep-11	MRDL (Chlorine/Chloramine)	MRDL	NOV Issued	12/20/2011
WEST LAKE LOUNGE LLC	35	SCOTT	IA8222738	TNC	201107489	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	6/29/2011
WEST LAKE LOUNGE LLC	35	SCOTT	IA8222738	TNC	201107599	E. coli	09-Jan-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	6/29/2011
WEST LAKE LOUNGE LLC	35	SCOTT	IA8222738	TNC	201108649	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	7/28/2011
WEST LAKE LOUNGE LLC	35	SCOTT	IA8222738	TNC	201108780	E. coli	11-Jul-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	7/28/2011

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WEST LIBERTY FOODS	1078	MUSCATINE	IA7073834	NTNC	201109090	Lead	30-Sep-11	AL (Pb/Cu), 90th Percentile	MCL	BCA Signed	10/26/2011
WEST OKOBOJI	289	DICKINSON	IA3090081	CWS	201108696	Total Haloacetic Acids (HAA5)	30-Jun-11	Monitoring (DBP), Major	MON	Compliance Achieved	9/28/2011
WEST OKOBOJI	289	DICKINSON	IA3090081	CWS	201108697	Total Trihalomethanes (TTHM)	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	9/28/2011
WEST POINT MUNI WATER SYSTEM	966	LEE	IA5691012	CWS	201107815	Coliform (TCR)	31-Mar-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	4/5/2011
WEST POINT MUNI WATER SYSTEM	966	LEE	IA5691012	CWS	201108721	Coliform (TCR)	31-Jul-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	8/10/2011
WESTERN HILLS	60	KOSSUTH	IA5500820	CWS	201209504	Coliform (TCR)	30-Nov-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	12/12/2011
WESTFAIR	301	POTTAWATTAMIE	IA7820401	TNC	201200198	Nitrate (as N)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	10/25/2011
WESTFAIR	301	POTTAWATTAMIE	IA7820401	TNC	201209363	Coliform (TCR)	31-Oct-11	Monitoring (TCR), Routine Major	MON	NOV Issued	11/18/2011
WHITE GATE COURT	77	LINN	IA5751304	CWS	201200003	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	NOV Issued	10/7/2011
WHITE GATE COURT	77	LINN	IA5751304	CWS	201200258	Fecal Coliform	31-Oct-11	MCL (TCR), Acute	MCL	NOV Issued	10/24/2011
WHITE GATE COURT	77	LINN	IA5751304	CWS	201200259	Coliform (TCR)	31-Oct-11	MCL (TCR), Monthly	MCL	NOV Issued	10/24/2011
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209408	Coliform (TCR)	30-Nov-11	MCL (TCR), Monthly	MCL	NOV Issued	12/5/2011
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209720	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209721	Nitrite (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209722	Nitrite (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209723	Nitrate (as N)	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209908	Sodium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012

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WHITE GATE COURT	77	LINN	IA5751304	CWS	201209909	Sodium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209910	Copper	31-Dec-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209911	Lead	31-Dec-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209912	Antimony	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209913	Arsenic	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209914	Barium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209915	Cadmium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209916	Chromium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209917	Fluoride	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209918	Mercury	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209919	Selenium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209920	Sodium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209921	Thallium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209922	Copper	31-Dec-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209923	Lead	31-Dec-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209924	Antimony	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209925	Arsenic	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012

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WHITE GATE COURT	77	LINN	IA5751304	CWS	201209926	Barium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209927	Cadmium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209928	Chromium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209929	Fluoride	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209930	Mercury	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209931	Selenium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209932	Sodium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WHITE GATE COURT	77	LINN	IA5751304	CWS	201209933	Thallium	31-Dec-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	2/16/2012
WILKINSON PIONEER PARK	27	CERRO GORDO	IA1769927	TNC	201108869	Coliform (TCR)	30-Sep-11	MCL (TCR), Monthly	MCL	NOV Issued	9/21/2011
WIND & FIRE MINISTRIES INC	59	LINN	IA5751802	TNC	201108469	Coliform (TCR)	30-Jun-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	7/5/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209189	Benzene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209190	Carbon Tetrachloride	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209191	o-Dichlorobenzene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209192	p-Dichlorobenzene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209193	1,2-Dichloroethane	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209194	cis-1,2-Dichloroethylene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209195	1,1-Dichloroethylene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011

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WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209196	trans-1,2-Dichloroethylene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209197	Dichloromethane	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209198	1,2-Dichloropropane	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209199	Ethylbenzene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209200	Monochlorobenzene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209201	Styrene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209202	Tetrachloroethylene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209203	Toluene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209204	1,2,4-Trichlorobenzene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209205	1,1,1-Trichloroethane	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209206	1,1,2-Trichloroethane	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209207	Trichloroethylene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209208	Vinyl Chloride	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209209	Xylenes	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209210	Alachlor (Lasso)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209211	Atrazine	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209212	Benzo (a) Pyrene	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011



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WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209213	2,4-D	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209214	Dalapon	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209215	Di(2-Ethylhexyl) Adipate	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209216	Di(2-Ethylhexyl) Phthalate	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209217	Dinoseb	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209218	Pentachlorophenol	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209219	Picloram	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209220	Simazine	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	CWS	201209221	2,4,5-TP (Silvex)	30-Sep-11	Monitoring (Chem-Rad), Routine Major	MON	Compliance Achieved	12/6/2011
WINFIELD MUNI WATER DEPT	1134	HENRY	IA4493028	CWS	201108930	Coliform (TCR)	31-Aug-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	9/6/2011
<b>WINNESHIEK WILDBERRY WINERY</b>	122	WINNESHIEK	IA9630210	TNC	201107445	Coliform (TCR)	31-Jan-11	MCL (TCR), Monthly	MCL	Compliance Achieved	2/22/2011
<b>WINNESHIEK WILDBERRY WINERY</b>	122	WINNESHIEK	IA9630210	TNC	201107480	Coliform (TCR)	31-Jan-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	2/22/2011
<b>WINNESHIEK WILDBERRY WINERY</b>	122	WINNESHIEK	IA9630210	TNC	201107602	E. coli	09-Jan-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	2/22/2011
<b>WINNESHIEK WILDBERRY WINERY</b>	122	WINNESHIEK	IA9630210	TNC	201107666	Coliform (TCR)	28-Feb-11	Monitoring (TCR), Repeat Major	MON	Compliance Achieved	2/15/2011
<b>WINNESHIEK WILDBERRY WINERY</b>	122	WINNESHIEK	IA9630210	TNC	201107711	E. coli	05-Feb-11	Monitoring (GWR), Source Major	MON	Compliance Achieved	2/15/2011
WIOTA WATER WORKS	116	CASS	IA1570032	CWS	201209185	Copper	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011
WIOTA WATER WORKS	116	CASS	IA1570032	CWS	201209186	Lead	30-Sep-11	Routine/Repeat Tap Sampling (Pb/Cu)	MON	NOV Issued	11/18/2011

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WOODLAND HEIGHTS HOMEOWNERS ASSOC.	43	JOHNSON	IA5225309	CWS	201200251	Coliform (TCR)	31-Oct-11	MCL (TCR), Monthly	MCL	Compliance Achieved	11/28/2011
WOODLAND WAPELLO MOBILE HOME PARK	126	LOUISA	IA5879601	CWS	201107817	Nitrate (as N)	31-Mar-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	6/21/2011
WOODLAND WAPELLO MOBILE HOME PARK	126	LOUISA	IA5879601	CWS	201108731	Sodium	30-Jun-11	Monitoring (Chem-Rad), Routine Major	MON	NOV Issued	8/29/2011
WOODLAND WAPELLO MOBILE HOME PARK	126	LOUISA	IA5879601	CWS	201200146	Coliform (TCR)	30-Sep-11	Monitoring (TCR), Routine Major	MON	Compliance Achieved	10/3/2011
WOODWARD WATER SUPPLY	1024	DALLAS	IA2576036	CWS	201209421	Total Trihalomethanes (TTHM)	31-Dec-11	MCL (Chem-Rad), Average	MCL	NOV Issued	12/6/2011
YANKEE GROVE PART 3	30	CEDAR	IA1667301	CWS	201108825	Coliform (TCR)	31-Aug-11	MCL (TCR), Monthly	MCL	Compliance Achieved	10/27/2011
YMCA CAMP WAPSIE	204	LINN	IA5722422	TNC	201107936	Coliform (TCR)	30-Jun-11	MCL (TCR), Monthly	MCL	Compliance Achieved	6/28/2011