

State of Iowa

Public Drinking Water Program
2003 Annual Compliance Report

Environmental Services Division
Water Quality Bureau
Water Supply Section

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Iowa Department of Natural Resources
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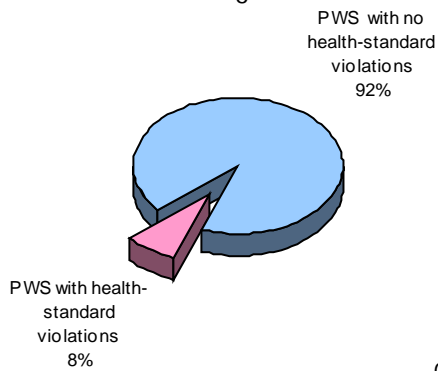
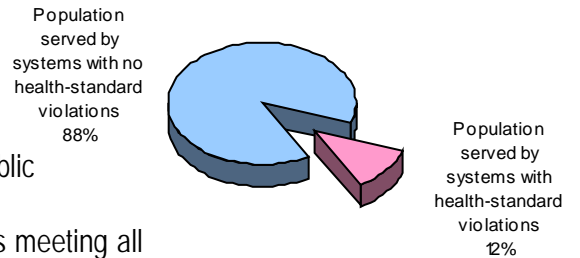
Introduction

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 must 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 2003 calendar year, and includes violations of maximum contaminant levels, maximum residual disinfectant levels, treatment technique requirements, major monitoring or reporting requirements, action level exceedances, or operation certification requirements.

The 2003 Report Highlights

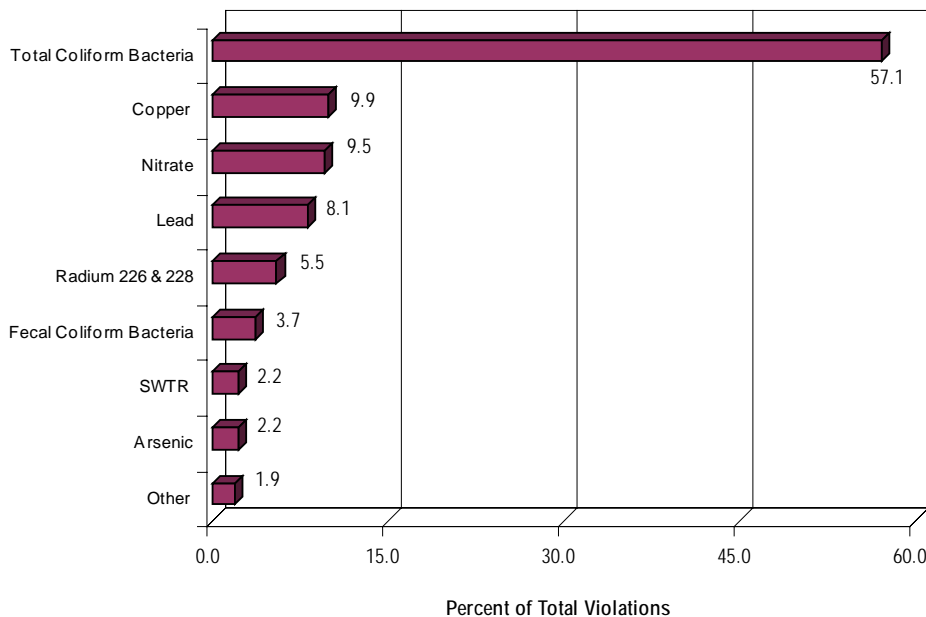
Compliance with Health-Based Standards

- No waterborne diseases or deaths were reported from Iowa public water supply systems (PWS) in 2003.
- Over 2.37 million people regularly received water from systems meeting all health-based drinking water standards.



- Health-based drinking water standards were met by 91.7% of the 2,037 regulated public water supplies. There were 168 public water supplies that had 273 violations of a health-based drinking water standard: maximum contaminant level (MCL), maximum residual disinfectant level (MRDL), treatment technique (TT), and action level (AL).

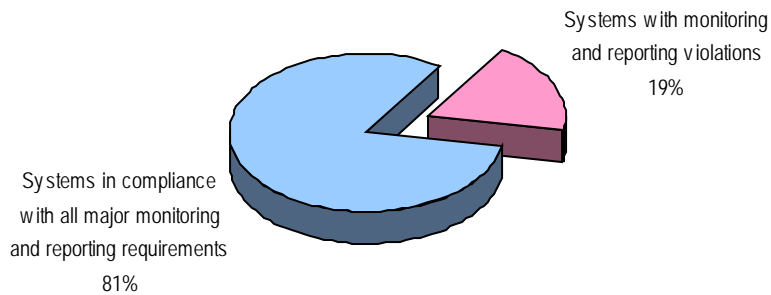
- Thirteen of the more than 80 regulated contaminants were found at levels that exceeded the health-based standards during 2003. Those 13 contaminants are listed below, along with the percentage each contributed to the total number of violations.



- ◆ Non-acute coliform bacteria MCL: 57.1%
- ◆ Copper AL: 9.9%
- ◆ Nitrate MCL: 9.5%
- ◆ Lead AL: 8.1%
- ◆ Radium 226 & 228 MCL: 5.5%
- ◆ Acute coliform bacteria MCL: 3.7%
- ◆ Surface water TT: 2.2%
- ◆ Arsenic MCL: 2.2%
- ◆ Fluoride MCL: 0.7%
- ◆ Total trihalomethane MCL: 0.4%
- ◆ Uranium MCL: 0.4%
- ◆ Nitrite MCL: 0.4%

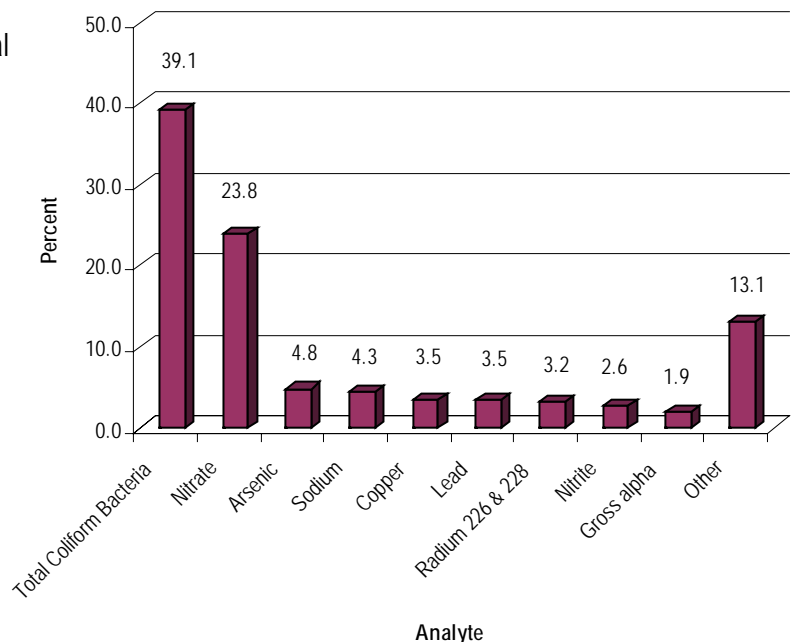
Compliance with Monitoring & Reporting Requirements

- Over 2.5 million people regularly received water from systems that complied with all major monitoring and reporting requirements.
- Major monitoring and reporting requirements were met by 81.0% of the 2,037 regulated public water supply systems.



- There were 831 major monitoring violations in 2003. A major monitoring violation is incurred when a sample is not collected for a specific contaminant. There were 365 systems that had at least one major monitoring violation in 2003. 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 violations.

- Coliform bacteria: 39.1%
- Nitrate: 23.8%
- Arsenic: 4.8%
- Sodium: 4.3%
- Copper: 3.5%
- Lead: 3.5%
- Radium 226 & 228: 3.2%
- Nitrite: 2.6%
- Gross alpha emitters: 1.9%
- Other analytes: 13.1% (includes 45 organic and inorganic analytes)



- At least one reporting violation was incurred by 58 systems, for a total of 73 reporting violations. These violations were comprised of the following:
 - Failure to submit the required monthly operation report: 15.2%
 - Failure to conduct public notification: 12.3%
 - Failure to provide a consumer confidence report: 23.3%
 - Failure to obtain a construction and/or operation permit: 2.7%
 - Failure to pay the annual operation fee: 35.6%
 - Failure to obtain a certified operator: 4.1%
 - Failure to comply with a compliance schedule: 2.7%
 - Failure to maintain a disinfection residual (non-SWTR): 4.1%
- The requirements to compile and distribute an annual consumer confidence report were met by 98.5% of the 1,154 community water systems.

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, the Commonwealth of the Northern Mariana Islands and the Republic of Palau.

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 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. The three public water supplies operated by Native American tribes in Iowa have not received primacy and are supervised directly by EPA: 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 automated database called the Safe Drinking Water Information System (SDWIS). This database currently contains an inventory of public water supply systems, violation records, and individual analytical results.

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,
- inspects every public water supply system in the state at least every five years (three years for surface water CWS), 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

Operation Permitting

- issues the operation permits for each system at least every three years, which lists the system-specific monitoring and operation requirements,
- 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, viability assessments and source water protection plans,
- 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 applicants qualifications 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 samples,
- contracts with the University Hygienic Laboratory to inspect environmental laboratories every two years and check the accuracy of annual proficiency testing samples.

Drinking Water State Revolving Loan Program

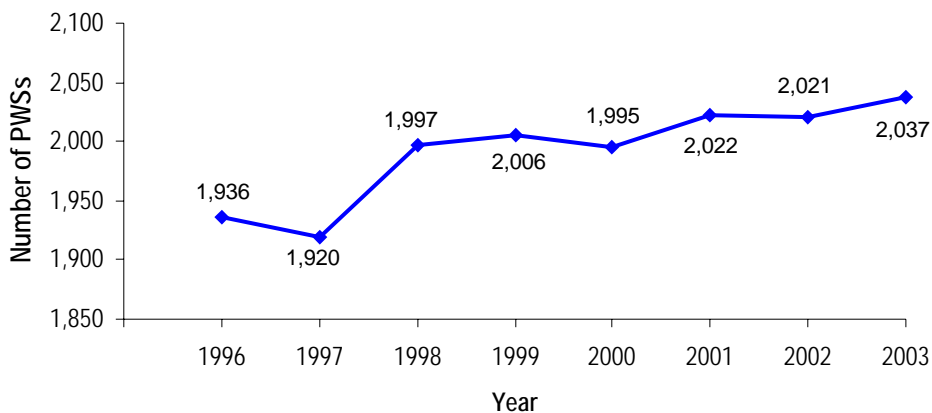
- makes loans to drinking water systems for construction of drinking water sources, treatment, storage and distribution systems to ensure public health and provide safe drinking water,
- makes loans for implementation of source water protection projects,
- scores and ranks applications based on whether the projects addresses health risks, rule compliance, infrastructure needs, and source water protection including criteria for loan eligibility.

Iowa also provides a variety of assistance to public water systems through the following four programs:

- **Capacity Development** The department continues to employ a capacity development strategy (also called viability assessment) to improve the financial, technical, and managerial capabilities of all water systems. New systems must be viable when they first serve water to the public. Existing systems are required to conduct self-assessments based upon various performance factors.
- **Source Water Protection** The first step in a multiple-barrier approach to drinking water protection is preventing contamination of drinking water sources. Iowa continues to perform source water assessments for new public water sources, but the primary emphasis of the Source Water Protection program focuses on the implementation of local and regional source water protection activities and projects. Iowa also coordinates with regional and local governmental and non-governmental entities to provide source water protection assistance and education to interested communities. As of July 2004, all existing public water supplies will have had a source water delineation and contaminant source inventory completed by the IDNR's Geologic Survey Section (groundwater systems) or other providers (surface water systems). The systems then use this base document to develop their system-specific source water protection plans.
- **Public Water System Security** The department provides information, consultation, and training to public water systems and operators regarding drinking water security.
- **Technical Assistance Contracts** The department administers contracts for projects that provide technical assistance to water operators and to systems serving less than 10,000 persons.

The number of public water supply systems in Iowa continued to increase in 2003, as indicated below. Any system that was active for a single day during the year is included in the total for that year.

Number of Regulated Iowa PWSs from 1996 - 2003



Iowa's Public Water Supply Systems

Definition of a 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 with 6 residents.

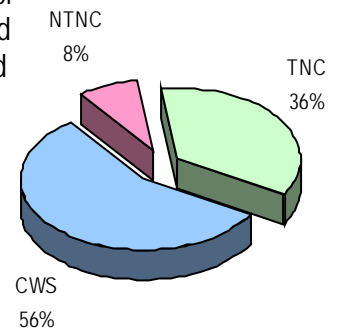
A public water supply system (PWS) is either a community water system, a non-transient non-community system, or a transient non-community system.

- 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, parks, and recreation areas.

Iowa's Public Water Supply Systems

Number of Systems

In 2003, over 2.5 million Iowans were served by community public water supplies, or 86.9% of the total state population, with the remaining 13.1% of the population served by private water supplies. Iowa's 2,037 public water supply systems in 2003 included 1,154 CWS, 155 NTNC, and 728 TNC systems.



System Size

Iowa is a small-system state, as indicated in the following table, with 94% of our systems serving fewer than 3,300 people.

Population Served	EPA Classification	Number of PWS	Percentage of Total PWS
25 – 500	Very Small	1,454	71.4
501 – 3,300	Small	460	22.6
3,301 – 10,000	Medium	83	4.1
10,001 – 100,000	Large	37	1.8
Over 100,000	Very Large	3	0.1
Total		2,037	100.0

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.

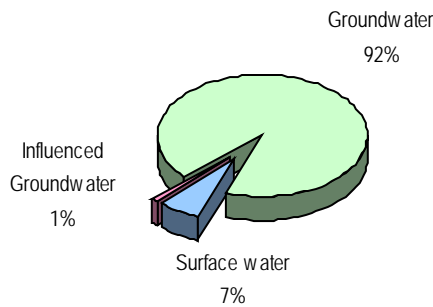
Since a PWS can use any combination of water sources in its system, the PWS is classified by the source that is most vulnerable to contamination. Surface water systems are most vulnerable to contamination, followed by influenced groundwater systems. As indicated in the following table, 92% Iowa's systems are served by groundwater sources, which serve 59% of the population. Surface water and influenced groundwater sources are used in the remaining systems, yet they serve 41% of the population. Most of the metropolitan areas of Iowa are served by surface water or influenced groundwater sources.

Source of Water	Number of PWS	Percentage of Total PWS	Percentage of Total Population Served
Surface water	134	6.6	31.9
Influenced Groundwater	24	1.2	9.4
Groundwater	1,879	92.2	58.7

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.

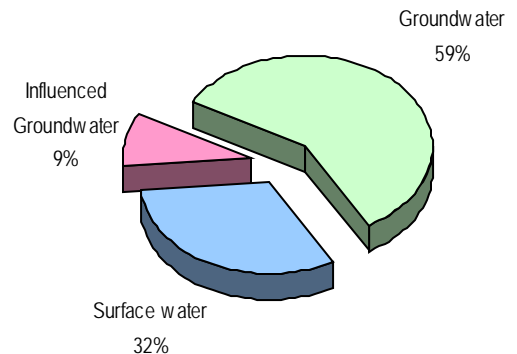
System Source Water in Iowa:

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 59% of the population are served by groundwater systems. The more populated areas 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 which 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 contaminants that may pose an immediate, or acute, risk to human health if they are found in drinking water: fecal coliforms, *E. coli*, nitrate, nitrite, or chlorine dioxide.

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

Sources of Contamination: Total coliforms are common in the environment and are generally not harmful themselves. Fecal coliforms and *E. coli* are generally not harmful themselves, but their presence in drinking water is serious because they usually are 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 in the home is also an effective method of sterilizing the drinking water.

Acute MCL: When total coliforms are present in any sample, that sample is also analyzed for fecal coliform or *E. coli*. Any confirmed fecal coliform or *E. coli* sample is a violation of the MCL for total coliforms. 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 for a period of six consecutive months, 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 under 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. Boiling the water will only concentrate nitrates in drinking water, and should not be attempted. Alternative sources of water should be used, such as Food and Drug Administration (FDA) approved bottled drinking water with low levels of nitrate clearly listed on the packaging.

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 for a period of six consecutive months, and all required samples are collected as directed.

Chlorine Dioxide—567 IAC 41.6

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

Violation: A system incurs an acute violation when the daily monitoring results in the distribution system 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 for a period of six consecutive months, 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 coliforms 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 for a period of six consecutive months, and all 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 six consecutive months.

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 six consecutive months.

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 six consecutive months.

Disinfectants—567 IAC 43.6

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

Source of Contamination:

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

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

Violation: A PWS is out of compliance when the action level is exceeded for either lead or copper in any one compliance period, assigned either as a six-month, annual, or triennial requirement. Once the action level is exceeded, the PWS must collect water quality parameters, 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. 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—567 IAC 43.5 and 43.9

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 and 43.9

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.

For systems serving fewer than 10,000 people: Systems using conventional or direct filtration must meet the following two treatment techniques for turbidity:

- the turbidity level of representative samples of a PWS's filtered water must be less than or equal to 0.5 nephelometric turbidity units (NTU) in at least 95% of the measurements taken each month, and
- no single sample result may exceed 5 NTU.

For systems serving 10,000 or more people: Systems serving 10,000 or more people are required to remove 99% (2-log) of the *Cryptosporidium* oocysts. 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 PWS'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 that serve at least 10,000 persons 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.

Violation Data for MCL, MRDL, AL, and TT

Over 2.37 million people served by Iowa public water supply systems (88.3%) received water that was in compliance with all health-based standards, including MCL, MRDL, AL, and TT standards. The IDNR's goal is that by 2005, 95 percent of the population served by community public water supply systems will receive water that meets all drinking water standards adopted by the department.

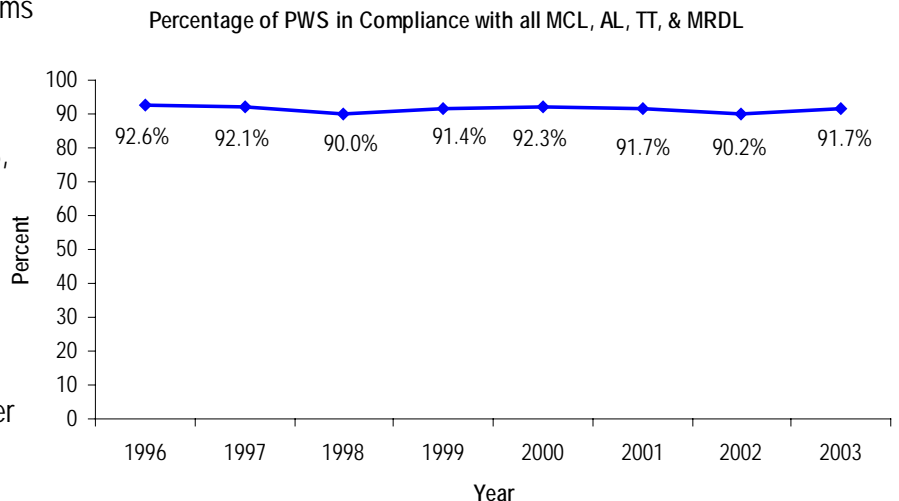
Of the 2,037 regulated PWSs in Iowa, 91.7% were in compliance with all MCL, MRDL, AL, and TT standards. There were 168 PWSs that had one or more violation of an MCL, AL, or TT standard. There were no MRDL violations in 2003. There were 273 violations of thirteen contaminants in Iowa in 2003, as indicated in the following table. The most frequent standard that is not met in Iowa is coliform bacteria, which, because all systems must monitor for coliform bacteria at least each quarter, is also the most frequently sampled contaminant in the state. Of the 74,040 samples collected for these contaminants, only 0.37% resulted in the violation of a health standard.

Analyte	Number of PWS	Number of Violations	Percentage of the Total Number of Violations	Number of Samples Collected in 2003	System Population*
Arsenic	2	6	2.2	700	65
Coliform Bacteria, Fecal	9	10	3.7	1,344	29,431
Coliform Bacteria, Total	105	156	57.1	50,988	146,573
Copper	22	27	9.9	6,062	23,147
Fluoride	2	2	0.7	1,234	704
Lead	20	22	8.1	6,065	46,626
Nitrate	17	26	9.5	3,740	5,632
Nitrite	1	1	0.4	498	1,200
Radium 226 & 228 (combined)	4	15	5.5	799	7,940
SWTR CT ratio	2	3	1.1	n/a	85,280
SWTR Turbidity	2	3	1.1	n/a	5,942
Total Trihalomethanes	1	1	0.4	604	1,620
Uranium	1	1	0.4	3	251
Total:	168**	273	100%	74,040	313,259**

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

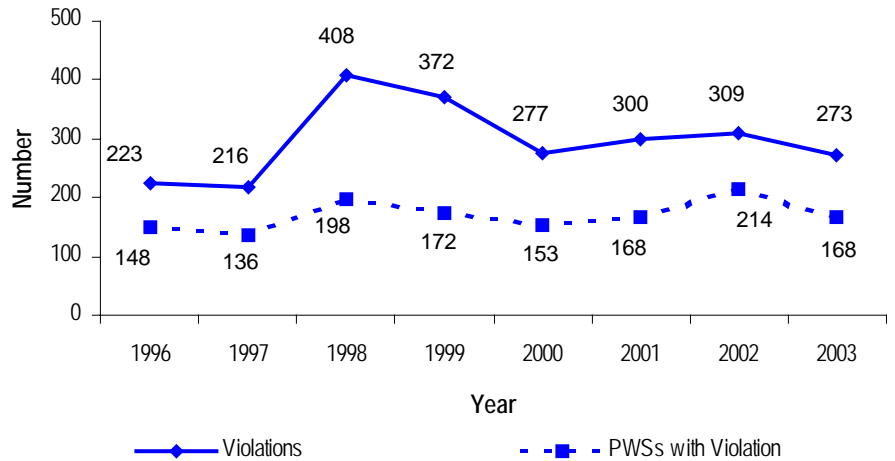
** Each PWS is only included once in the total, even though they may have multiple violations. Likewise, the population of a system is only included once in the system population, even though multiple violations may have occurred in a system.

The number of public water supply systems in compliance with all health-based standards continued the same trend in 2003 as it had in the past eight years, as indicated in this chart. However, in 2003, several more populous systems had bacteria MCL violations, which contributed to a larger percentage of Iowa's population receiving water from systems with one or more MCL violations. In 2003, 88.3% of the population served by all Iowa public water supply systems were in compliance with all health-based violations.

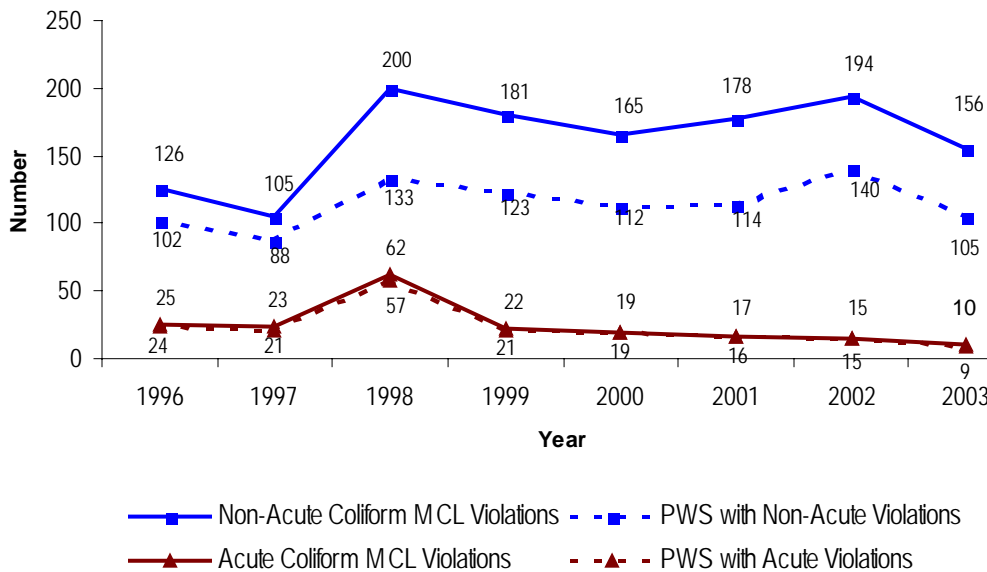


Health-Based Standards Violations: 1996 - 2003

In 2003, both the number of systems with violations of health-based standards and the number of violations declined from the previous year.



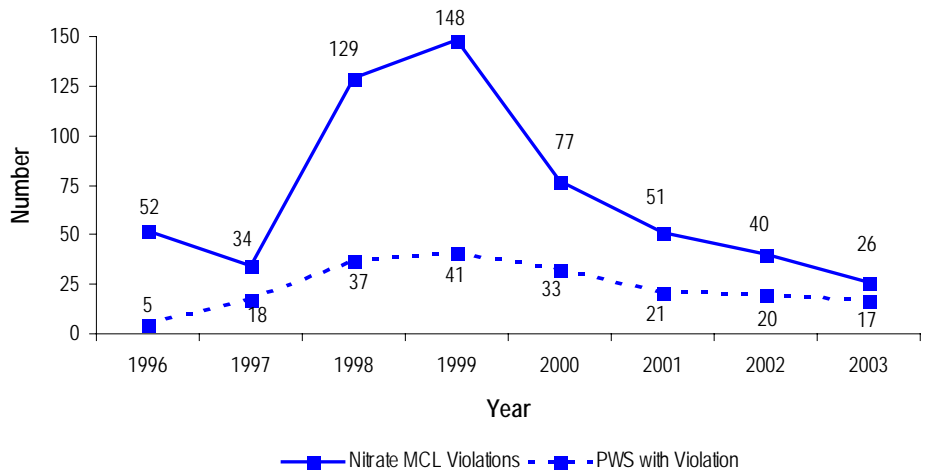
Coliform Bacteria MCL Violations: 1996 - 2003



The level of acute coliform bacteria MCL violations and the number of systems with those violations are at an eight-year low in 2003. The number of both acute and non-acute coliform MCL violations, and the number of systems with those violations decreased from 2002, as indicated in this chart. Acute coliform MCL violations are those that have confirmed presence of fecal coliform or *E. coli*.

Nitrate MCL Violations: 1996 - 2003

The number of nitrate MCL violations and the number of systems with nitrate violations continued to decrease from previous years, with the number of violations at an eight-year low.



Violation Data: MCL, MRDL, AL, and TT

Major Monitoring & Reporting Violations

Monitoring and Reporting (M/R) violations for this report were based on the guidelines briefly described in the next table. EPA deems these violations to be classified as major violations. Minor monitoring violations are those in which some, but not all, of the required monitoring was completed. Minor monitoring violations 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	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	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 initial tap samples followed by a failure to correct that omission within 3 months for large systems, 6 months for medium systems, and 12 months for small systems, or the failure to submit the associated report.
	M/R Routine Tap	Failure to collect any required samples.
Phase I, II, IIB, and V Rules (Inorganic and organic chemicals)	Regular Monitoring	Failure to collect any required samples
Total Trihalomethanes and Haloacetic Acids	M/R, Routine Major	Failure to collect any required samples
Radionuclides	M/R, Routine Major	Failure to collect any required samples
Any Inorganic or Organic Chemical	Confirmation/Check Major	Failure to collect the required confirmation sample.

Out of Compliance: A violation is incurred when the PWS fails to collect, have analyzed, and report the required number of 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 and the results are reported to the IDNR.

Major Monitoring and Reporting (M/R) Violation Data

Over 2.5 million people served by Iowa public water supply systems received water that met the major monitoring and reporting requirements. Of the 2,037 regulated PWSs in Iowa, 81.0% (1,650 PWSs) were in compliance with all major monitoring and reporting requirements. There were 387 PWSs serving a total population of 182,661 that incurred 904 monitoring and reporting violations in 2003. The IDNR assigns violations by contaminant for each system, which can result in a single system incurring many monitoring violations. For example, if a system did not collect its single volatile organic compound sample in the required compliance period, it would receive 21 major monitoring violations - one for each contaminant.

Listed below are the contaminants that had a major monitoring or reporting violation in 2003. The majority of violations were for failure to collect total coliform bacteria samples (36.0%), followed by failure to collect nitrate samples (21.9%). These are the two contaminants that must be sampled most frequently by all systems. One system failed to collect any samples for volatile organic, synthetic organic, or inorganic compounds, which resulted in many monitoring violations. There were new monitoring requirements for sodium and arsenic in 2002 and 2003, which were missed by several systems. Arsenic and sodium are normally part of the inorganic chemical series, with three systems failing to collect their inorganic series in 2003. However, because of the new monitoring requirements, 38 systems failed to collect an arsenic sample, and 34 systems failed to collect a sodium sample.

Contaminant	Number of PWS	Number of Violations	Population Affected *	% Monitoring and Reporting Violations **
MONITORING				
Alachlor	1	2	72	0.2
Antimony	3	4	2,871	0.4
Arsenic	38	40	10,459	4.4
Atrazine	1	2	72	0.2
Barium	3	4	2,871	0.4
Benzene	1	2	72	0.2
Benzo (a) pyrene	1	2	72	0.2
Cadmium	3	4	2,871	0.4
Carbon tetrachloride	1	2	72	0.2
Chlorite	1	2	11,476	0.2
Chromium	3	4	2,871	0.4
Coliform Bacteria, Total	213	325	52,150	36.0
Copper	26	29	5,037	3.2
2,4,D	1	2	72	0.2
Dalapon	1	2	72	0.2
o-Dichlorobenzene	1	2	72	0.2
p-Dichlorobenzene	1	2	72	0.2
1,2 Dichloroethane	1	2	72	0.2
1,1 Dichloroethylene	1	2	72	0.2
cis-1,2 Dichloroethylene	1	2	72	0.2
trans-1,2 Dichloroethylene	1	2	72	0.2
Dichloromethane	1	2	72	0.2
1,2 Dichloropropane	1	2	72	0.2
Di(2-ethylhexyl)adipate	1	2	72	0.2
Di(2-ethylhexyl)phthalate	1	2	72	0.2
Dinoseb	1	2	72	0.2

Contaminant	Number of PWS	Number of Violations	Population Affected *	% Monitoring and Reporting Violations **
Ethylbenzene	1	2	72	0.2
Fluoride	4	6	3,221	0.7
Gross alpha, excluding Rn & U	11	16	5,521	1.8
Lead	26	29	5,037	3.2
Mercury	3	4	2,871	0.4
Methyl tertiary butyl ether (MTBE)	1	1	883	0.1
Monochlorobenzene	1	2	72	0.2
Nitrate	130	198	27,697	21.9
Nitrite	16	22	2,208	2.4
Pentachlorophenol	1	2	72	0.2
Picloram	1	2	72	0.2
Radium 226 & 228	18	27	6,938	3.0
Selenium	3	4	2,871	0.4
Simazine	1	2	72	0.2
Sodium	34	36	16,498	4.0
Styrene	1	2	72	0.2
Tetrachloroethylene	1	2	72	0.2
Thallium	3	4	2,871	0.4
Toluene	1	2	72	0.2
2,4,5 TP Silvex	1	2	72	0.2
1,2,4 Trichlorobenzene	1	2	72	0.2
1,1,1 Trichloroethane	1	2	72	0.2
1,1,2 Trichloroethane	1	2	72	0.2
Trichloroethylene	1	2	72	0.2
Total Trihalomethanes	2	2	55,156	0.2
Uranium	2	3	682	0.3
Vinyl chloride	1	2	72	0.2
Xylenes	2	3	1,134	0.3
Monitoring Total:	365***	831	172,296***	91.9**
REPORTING				
Failure to submit monthly operation report	10	11	5,567	1.2
Failure to conduct public notification	5	9	30,121	1.0
Failure to provide consumer confidence report	17	17	36,944	1.9
Failure to obtain a construction and/or operation permit	2	2	72	0.2
Failure to pay the annual fee	26	26	1,935	2.9
Failure to obtain a certified operator	3	3	801	0.3
Failure to comply with a compliance schedule	2	2	262	0.2
Failure to maintain disinfection residual (non-SWTR)	2	3	82	0.3
Reporting Total:	58***	73	44,275***	8.1**
Monitoring & Reporting Total:	387***	904	182,661***	100

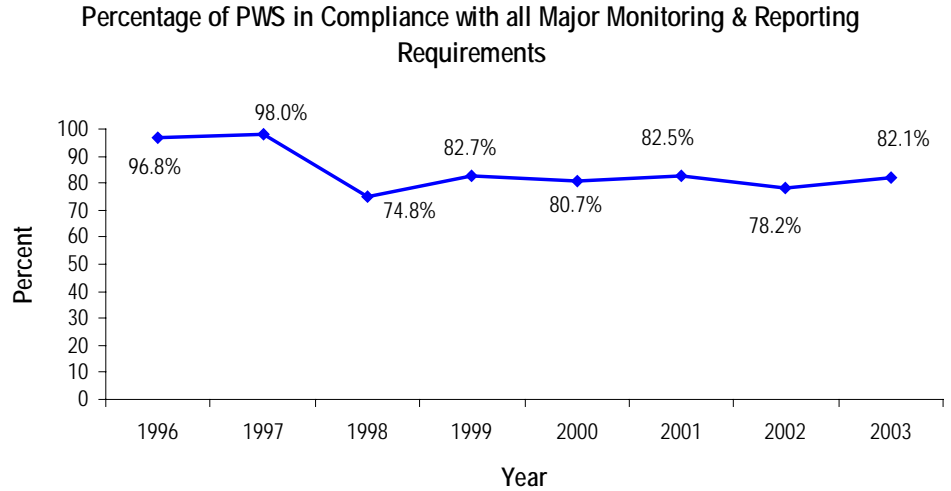
* The population of each PWS is only counted once for each contaminant.

**Each percentage is calculated by the Number of Violations for a specific contaminant divided by the Total Number of monitoring and reporting violations (or 904). The column total is not 100% due to incremental rounding errors.

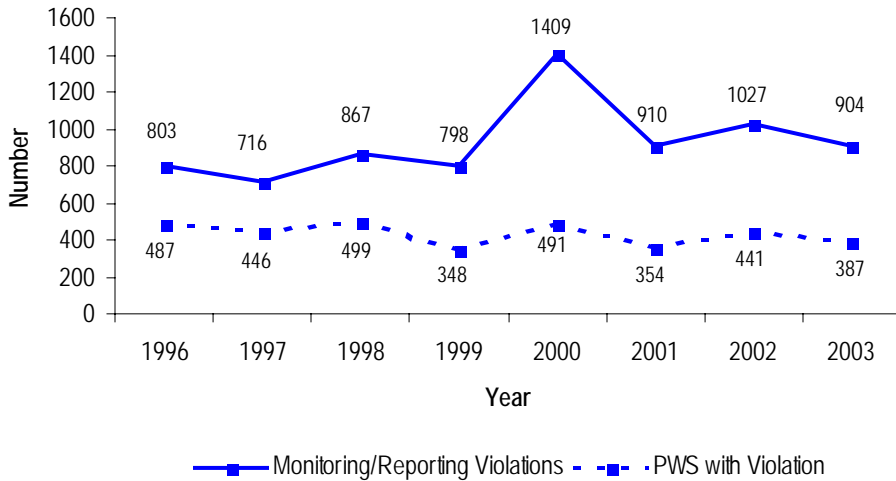
***Each system with a violation is only included once in the number of systems total and the population affected total. To summarize, 387 systems had a total of 904 major monitoring or reporting violations, affecting a total population of 182,661.

Monitoring & Reporting Compliance Rates: 1996 - 2003

The number of public water supplies in compliance with all major monitoring and reporting requirements has fluctuated between 74.8% and 82.7% over the past six years. The first two years of this report only included major significant non-compliant systems, which is a subset of major monitoring and reporting violations, and is not particularly comparable to the more inclusive data reported since 1998. This chart indicates the percentage of PWS in compliance with all major monitoring and reporting requirements, which was 82.1% in 2003.



Monitoring & Reporting Violations: 1996 - 2003



In 2003, both the number of systems with monitoring and reporting violations, and the number of violations declined from 2002.

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", 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 more commonly, 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 they are 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 computer tracking system.

Variances and Exemptions

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

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

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

- a Maximum Contamination 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 is exceeded in at least 10 percent of the tap water samples,
- a Compliance Schedule has not been met,
- a Health Advisory (HA) has been exceeded,
- a waterborne emergency has occurred,
- a certified operator has not been retained for CWS and NTNC systems, or
- other situations where the department determines that public notification is needed.

MCL, MRDL, or Treatment Technique Violation

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

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

Monitoring or Reporting Violation

All PWSs must issue public notification for failure to:

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

Public Education for a Lead Action Level Exceedance

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

- 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.

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), 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 2003, 17 CWS failed to prepare and distribute their CCR for 2002. Each CWS received a reporting violation for this failure.

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 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 through June 30. For the certification year of July 1, 2003 through June 30, 2004, the program efforts included:

- implementation of new operator examinations,
- implementation of the new certified operator requirements for community and nontransient noncommunity water supplies, and
- soliciting bids and awarding contracts for operator training.

Demand for certification examinations remains strong, averaging about 150 examinations per month. In 2003, a new database was developed and implemented that allows tracking of compliance by public water systems with the operator certification requirements.

Classification of Systems, Facilities, and Operators

In 2002, all CWS and NTNC were required to designate a certified operator in direct responsible charge of the water treatment and water distribution systems. The facilities are classified according to complexity, with Grade 4 being the most complex. Listed below are the Iowa CWS and NTNC systems in all of the classifications, as of June 1, 2004.

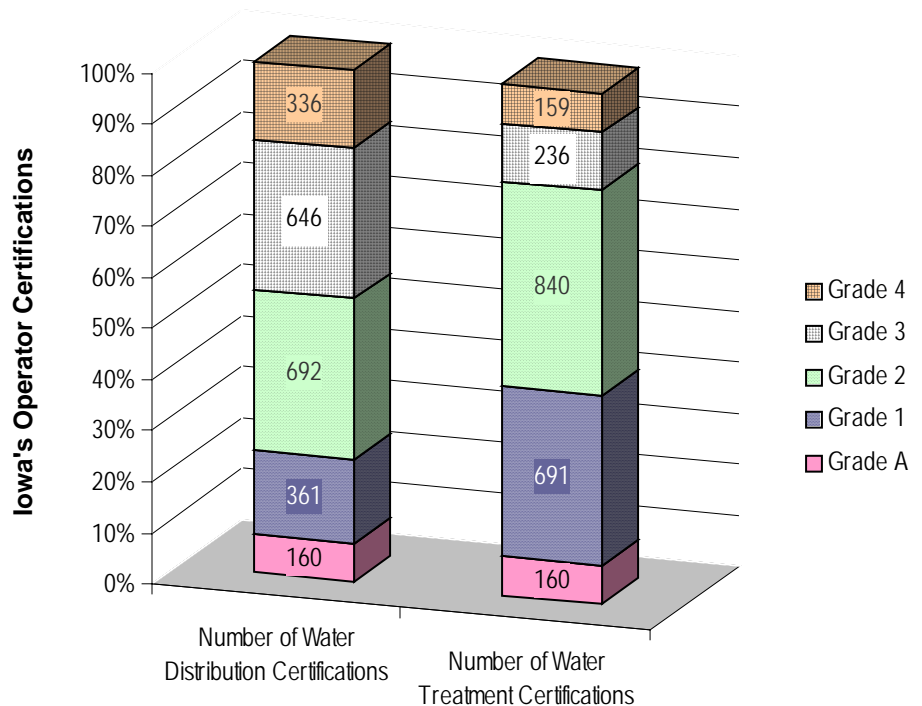
Facility Grade		Type of Public Water Supply		Total Number of PWS
Water Treatment	Water Distribution	Community	Non-transient non-community	
(These systems have no treatment plant.)	WD1	162	5	167
	WD2	38	1	39
	WD3	5		5
	WD4	1		1
Grade A (WT and WD combined)		228	88	316
WT1	WD1	343	34	377
WT1	WD2	12		12
WT2	WD1	63	2	65
WT2	WD2	198	10	208
WT2	WD3	2	1	3
WT2	WD4	1		1
WT3	WD1	1		1
WT3	WD2	41		41
WT3	WD3	9	4	13
WT3	WD4	5		5
WT4	WD1		1	1
WT4	WD2	3		3
WT4	WD3	8		8
WT4	WD4	13		13

Operator Qualifications

There are 160 small system Grade A certifications, which includes both water treatment and water distribution. In this reporting period, there were 2,035 active water distribution certifications and 1,926 active water treatment certifications.

Certification Grade	Number of certified Water Distribution Operators	Number of certified Water Treatment Operators
Grade A	160 (combined WT and WD)	
Grade 1	361	691
Grade 2	692	840
Grade 3	646	236
Grade 4	336	159

This chart depicts the makeup of the two types of certifications, including the percentage each certification grade contributes to the whole. Note that Grade A is included in both certifications, since it is a combined water distribution and water treatment certification.



Enforcement

Compliance actions were directed at three public water supply systems that failed to have a certified operator in charge of their water supply. There were no license revocation actions taken against any operators in this reporting period.

Certification Renewal

Operator certifications are renewed every two years, with the next renewal period ending in June 30, 2005. Continuing education requirements must be met by March 31, 2005 in order for the operator to renew for the next period. Operators holding a Grade A, 1 or 2 certification are required to earn 1.0 continuing education unit (10 contact hours). Operators holding a Grade 3 or 4 certification must earn 2.0 continuing education units (20 contact hours).

Abbreviations

AG	Attorney General
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
IGW	groundwater under the direct influence of surface water
HA	Health Advisory
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
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
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
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 the Iowa, and the public. The following options will be utilized to make this report readily available to the public.

The IDNR will supply the detailed report to the:

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

The IDNR will also:

- publish an official notice of report availability,
- include the report on the IDNR Internet website and make it available for downloading, and
- make the detailed and summary report available for individuals and organizations upon request.

Staff Contact Information:

Name	Telephone	Primary Responsibilities	Title
Diane Moles	515/725-0281	Rules and Policy Development	Executive Officer II
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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. This report lists the number of violations of each contaminant categorized by both MCL/MRDL/TT Violations and major federal Monitoring & Reporting Violations. State violations, such as failure to pay an annual fee, 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, 2003 through December 31, 2003					
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	1
1,1,2-Trichloroethane	0.005	0	0	0	0	2	1
1,1-Dichloroethylene	0.007	0	0	0	0	2	1
1,2,4-Trichlorobenzene	0.07	0	0	0	0	2	1
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	0	0	0
1,2-Dichloroethane	0.005	0	0	0	0	2	1
1,2-Dichloropropane	0.005	0	0	0	0	2	1
2,3,7,8-TCDD (Dioxin)	0.00000008	0	0	0	0	0	0
2,4,5-TP (Silvex)	0.05	0	0	0	0	2	1
2,4-D	0.07	0	0	0	0	2	1
Acrylamide		0	0	0	0	0	0
Alachlor (Lasso)	0.002	0	0	0	0	2	1
Atrazine	0.003	0	0	0	0	2	1
Benzene	0.005	0	0	0	0	2	1
Benzo[a]pyrene	0.0002	0	0	0	0	2	1
Carbofuran	0.04	0	0	0	0	0	0
Carbon tetrachloride	0.005	0	0	0	0	2	1
Chlordane	0.002	0	0	0	0	0	0

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

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Monochlorobenzene	0.1	0	0	0	0	2	1
o-Dichlorobenzene	0.6	0	0	0	0	2	1
Oxamyl (Vydate)	0.2	0	0	0	0	0	0
para-Dichlorobenzene	0.075	0	0	0	0	2	1
Pentachlorophenol	0.001	0	0	0	0	2	1
Picloram	0.5	0	0	0	0	2	1
Simazine	0.004	0	0	0	0	2	1
Styrene	0.1	0	0	0	0	2	1
Tetrachloroethylene	0.005	0	0	0	0	2	1
Toluene	1	0	0	0	0	2	1
Total polychlorinated biphenyls	0.0005	0	0	0	0	0	0
Toxaphene	0.003	0	0	0	0	0	0
trans-1,2-Dichloroethylene	0.1	0	0	0	0	2	1
Trichloroethylene	0.005	0	0	0	0	2	1
Vinyl chloride	0.002	0	0	0	0	2	1
Xylenes (total)	10	0	0	0	0	3	2
Haloacetic acids (only required of large surface water systems)	0.060	0	0	0	0	0	0
Total trihalomethanes	0.10/0.080	1	1	0	0	2	2

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	4	3
Arsenic	0.05	6	2	0	0	40	38
Asbestos	7 million fibers/L (>10 µm in length)	0	0	0	0	0	0
Barium	2	0	0	0	0	4	3
Beryllium	0.004	0	0	0	0	0	0
Cadmium	0.005	0	0	0	0	4	3
Chromium	0.1	0	0	0	0	4	3
Cyanide (as free cyanide)	0.2	0	0	0	0	0	0
Fluoride	4.0	2	2	0	0	6	4
Mercury	0.002	0	0	0	0	4	3
Nitrate	10 (as Nitrogen)	26	17	0	0	198	130
Nitrite	1 (as Nitrogen)	1	1	0	0	22	16
Selenium	0.05	0	0	0	0	4	3
Sodium	not applicable	0	0	0	0	36	34
Thallium	0.002	0	0	0	0	4	3
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
Radionuclide Contaminants							
Gross alpha	15 pCi/L	0	0	0	0	16	11
Radium-226 and radium-228	5 pCi/L	15	4	0	0	27	18
Gross beta	4 mrem/year	0	0	0	0	0	0
Subtotal		15	4	0	0	43	29

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
Other Contaminants							
Acute Total Coliform Bacteria MCL violation	Presence	10	9	0	0	0	0
Non-acute Total Coliform Bacteria MCL violation	Presence	156	105	0	0	0	0
Major routine and follow up Total Coliform Bacteria monitoring violation		0	0	0	0	325	213
Sanitary survey		0	0	0	0	State initiates Sanitary survey	State initiates Sanitary survey
Subtotal		166	105	0	0	325	213

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
Surface Water Treatment Rule and Interim Enhanced SWTR *							
Filtered systems *		0	0	0	0	0	0
Monitoring, routine/repeat		0	0	0	0	0	0
Treatment techniques		0	0	6	3	0	0
Unfiltered systems *		0	0	0	0	0	0
Monitoring, routine/repeat		0	0	0	0	0	0
Failure to filter		0	0	0	0	0	0
Subtotal		0	0	6	3	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
Lead and Copper Rule	Lead: 0.015 mg/L Copper: 1.3 mg/L	Lead: 22 Copper: 27	Lead: 20 Copper: 22		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	Both Pb & Cu: 29	Both Pb & Cu: 26
Treatment installation		0	0	0	0	0	0
Public education		0	0	0	0	0	0
Subtotal		49	37 (5 systems had both Pb & Cu violations)	0	0	58 individual Pb & Cu violations	26

APPENDIX B: Iowa Public Water Supply Violation Data

All public water supply systems that incurred one or more violations during 2003 are listed in the following appendix, including the most recent enforcement action.

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
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 Date	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 back in compliance.
Enforcement Action	Date the follow-up action or enforcement action occurred

Iowa Public Water System Violations in 2003

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
61 DRIVE-IN THEATRE	27	CLINTON	IA2328801	2004-00111	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/21/2003	NOV issued
ABBE CENTER FOR COMMUNITY CARE	350	LINN	IA5700900	2003-03148	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/24/2003	Compliance Achieved
ACKLEY CREEK PARK	30	FLOYD	IA3420499	2004-01040	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	4/21/2004	Compliance Achieved
ADAIR-CASEY COMMUNITY SCHOOL	587	ADAIR	IA0105509	2003-02328	Lead	30-Jun-03	AL, 90th Percentile	AL	12/6/2003	Compliance Achieved
AIRPORT NATIONAL PUBLIC GOLF COMPLEX	260	LINN	IA5715202	2004-00992	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	2/12/2004	Compliance Achieved
ALBERT CITY MUNI WATER SUPPLY	713	BUENA VISTA	IA1103009	2003-02238	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/23/2003	Compliance Achieved
ALCOCK PARK	25	BREMER	IA0908901	2003-02236	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/24/2003	Compliance Achieved
	25	BREMER	IA0908901	2004-00087	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/14/2003	Compliance Achieved
ALMONT TAP	29	CLINTON	IA2326206	2003-01803	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
ALTA VISTA HOMEOWNERS ASSOCIATION	39	STORY	IA8503303	2003-02314	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	1/7/2004	Compliance Achieved
ALTON MUNICIPAL WATER DEPARTMENT	1095	SIoux	IA8403029	2004-00955	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/6/2003	Compliance Achieved
AMERICAN MARTYRS RETREAT HOUSE	28	BLACK HAWK	IA0709844	2003-01698	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	6/2/2003	Compliance Achieved
AMERICANA BOWL	110	LEE	IA5625217	2004-00416	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
	110	LEE	IA5625217	2003-02607	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	9/30/2003	Compliance Achieved
ANAMOSA TRAVELMART	414	JONES	IA5322201	2003-01574	Nitrate Nitrogen	28-Feb-03	Check Major	MON	1/14/2004	Compliance Achieved
	414	JONES	IA5322201	2003-01788	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	12/21/2003	Compliance Achieved
	414	JONES	IA5322201	2003-02580	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	12/21/2003	Compliance Achieved
	414	JONES	IA5322201	2004-00294	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	9/10/2003	Compliance Achieved
	414	JONES	IA5322201	2004-01002	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/14/2004	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
ANCHOR INN (GARBER)	35	CLAYTON	IA2232776	2004-00471	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	12/22/2003	Compliance Achieved
ANITA MUNICIPAL UTILITIES	1049	CASS	IA1503053	2003-03063	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	3/31/2004	Compliance Achieved
ANKENY, CITY OF	27117	POLK	IA7709053	2004-01160	Lead	31-Dec-03	AL, 90th Percentile	AL	3/29/2004	Compliance Achieved
ANTHONY'S RESORT	50	DUBUQUE	IA3183877	2003-02561	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	8/6/2003	Compliance Achieved
ARGYLE RURAL WATER DISTRICT	175	LEE	IA5603701	2003-01841	Sodium	31-Mar-03	Routine Major	MON	6/24/2003	Compliance Achieved
ARMSTRONG WATER SUPPLY	979	EMMET	IA3203066	2003-02711	Copper	30-Jun-03	AL, 90th Percentile	AL	7/28/2003	BCA issued
ARROW CAFE (FAMILY TABLE RESTAURANT)	210	CEDAR	IA1656750	2004-00980	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	3/6/2004	Compliance Achieved
ASHLEY INN MOTEL & TRAILER CT.	40	CERRO GORDO	IA1700649	2003-03242	Arsenic	30-Sep-03	MCL, Average	MCL	9/29/2003	NOV issued
	40	CERRO GORDO	IA1700649	2004-00432	Arsenic	31-Oct-03	MCL, Average	MCL	12/24/2003	BCA issued
	40	CERRO GORDO	IA1700649	2003-01961	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/21/2003	Compliance Achieved
	40	CERRO GORDO	IA1700649	2003-03208	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
ATALISSA MUNICIPAL WATER SUPPLY	311	MUSCATINE	IA7009071	2003-02643	Sodium	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	311	MUSCATINE	IA7009071	2003-02879	Arsenic	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	311	MUSCATINE	IA7009071	2003-02880	Barium	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	311	MUSCATINE	IA7009071	2003-02881	Cadmium	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	311	MUSCATINE	IA7009071	2003-02882	Chromium	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	311	MUSCATINE	IA7009071	2003-02883	Fluoride	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	311	MUSCATINE	IA7009071	2003-02884	Mercury	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	311	MUSCATINE	IA7009071	2003-02885	Sodium	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	311	MUSCATINE	IA7009071	2003-02886	Antimony	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	311	MUSCATINE	IA7009071	2003-02887	Thallium	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	311	MUSCATINE	IA7009071	2003-02888	Selenium	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
ATKINS MUNICIPAL WATER WORKS	1200	BENTON	IA0603072	2003-02679	Nitrite Nitrogen	31-Jul-03	MCL, Average	MCL	2/3/2004	Compliance Achieved
	1200	BENTON	IA0603072	2003-03182	Nitrite Nitrogen	31-Aug-03	Routine Major	MON	2/3/2004	Compliance Achieved
	1200	BENTON	IA0603072	2004-00339	Nitrite Nitrogen	30-Sep-03	Routine Major	MON	2/3/2004	Compliance Achieved
	1200	BENTON	IA0603072	2004-00799	Nitrite Nitrogen	30-Nov-03	Routine Major	MON	2/3/2004	Compliance Achieved
	1200	BENTON	IA0603072	2004-00835	Nitrite Nitrogen	30-Nov-03	Routine Major	MON	2/3/2004	Compliance Achieved
ATLANTIC HEAD START	45	CASS	IA1509501	2003-01644	Nitrate Nitrogen	30-Apr-03	MCL, Single	MCL	10/31/2003	Compliance Achieved
ATRIUM VILLAGE RETIREMENT	54	JOHNSON	IA5221301	2003-03051	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	3/1/2004	Compliance Achieved
	54	JOHNSON	IA5221301	2004-00014	Coliform Bacteria, Total	31-Oct-03	MCL (TCR), Monthly	MCL	3/1/2004	Compliance Achieved
AUTUMN RIDGE ESTATES MHP	1032	POLK	IA7709601	2003-02366	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	1/14/2004	Compliance Achieved
AVALON SUPPER CLUB INC.	53	DUBUQUE	IA3128314	2003-02549	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	9/16/2003	Compliance Achieved
	53	DUBUQUE	IA3128314	2003-03099	Nitrate Nitrogen	31-Aug-03	Check Major	MON	9/16/2003	Compliance Achieved
	53	DUBUQUE	IA3128314	2004-00935	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/25/2004	Compliance Achieved
AYRSHIRE WATER WORKS	209	PALO ALTO	IA7403081	2003-02731	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	2/10/2004	Compliance Achieved
BACKBONE STATE PARK	25	DELAWARE	IA2821906	2003-02689	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	1/12/2004	Compliance Achieved
BACON ADDITION	66	JONES	IA5343301	2004-00350	Sodium	30-Sep-03	Routine Major	MON	11/17/2003	Compliance Achieved
	66	JONES	IA5343301	2004-00551	Radium 226 & Radium 228	30-Sep-03	Routine Major	MON	11/17/2003	Compliance Achieved
BAGLEY WATER SUPPLY	354	GUTHRIE	IA3902083	2003-01888	Fluoride	30-Jun-03	MCL, Single	MCL	12/31/2003	Compliance Achieved
BAR-L-RANCH	56	GUTHRIE	IA3937444	2004-00937	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/17/2004	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
BARRINGTON LAKES WATER COMMISSION	333	DUBUQUE	IA3126301	2003-03136	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/29/2003	Compliance Achieved
	333	DUBUQUE	IA3126301	2004-00514	Radium 226 & Radium 228	30-Sep-03	Routine Major	MON	2/8/2004	Compliance Achieved
	333	DUBUQUE	IA3126301	2004-00905	Radium 226 & Radium 228	31-Dec-03	Check Major	MON	2/8/2004	Compliance Achieved
BAYARD WATER SUPPLY	536	GUTHRIE	IA3907092	2003-01629	Radium 226 & Radium 228	31-Mar-03	MCL, Average	MCL	5/27/2003	BCA issued
	536	GUTHRIE	IA3907092	2003-01901	Radium 226 & Radium 228	30-Jun-03	MCL, Average	MCL	5/27/2003	BCA issued
	536	GUTHRIE	IA3907092	2003-02744	Radium 226 & Radium 228	30-Sep-03	MCL, Average	MCL	5/27/2003	BCA issued
	536	GUTHRIE	IA3907092	2004-00465	Radium 226 & Radium 228	31-Dec-03	MCL, Average	MCL	5/27/2003	BCA issued
	536	GUTHRIE	IA3907092	2003-01758	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	4/28/2003	Compliance Achieved
BEACH GIRLS BAR	155	DALLAS	IA2509202	2003-02275	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/11/2003	Compliance Achieved
	155	DALLAS	IA2509202	2003-03170	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/4/2003	Compliance Achieved
BEAVER HILLS COUNTRY CLUB	107	BLACK HAWK	IA0709886	2003-01746	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	5/5/2003	Compliance Achieved
BEDFORD WATER WORKS	1620	TAYLOR	IA8709096	2003-01544	Total Trihalomethanes	31-Mar-03	MCL, Average	MCL	9/30/2003	Compliance Achieved
BEEDS LAKE STATE PARK SOUTH	102	FRANKLIN	IA3544931	2003-02845	Coliform Bacteria, Total	31-Jul-03	Routine Major	MON	1/5/2004	Compliance Achieved
BELL HARBOR	40	CERRO GORDO	IA1716418	2003-03218	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	4/29/2004	Compliance Achieved
BEN HAVEN MOBILE HOME PARK	100	BUCHANAN	IA1074601	2004-00402	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	3/24/2004	AO w/ Penalty
	100	BUCHANAN	IA1074601	2003-01435	Coliform Bacteria, Total	31-Jan-03	Routine Major	MON	3/26/2003	Compliance Achieved
	100	BUCHANAN	IA1074601	2003-01589	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	3/26/2003	Compliance Achieved
	100	BUCHANAN	IA1074601	2003-02237	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/21/2003	Compliance Achieved
	100	BUCHANAN	IA1074601	2003-02445	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/21/2003	Compliance Achieved
	100	BUCHANAN	IA1074601	2003-03204	Consumer Confidence Report	31-Jul-03	Consumer Confidence Report (CCR)	RPT	3/24/2004	AO w/ Penalty

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	100	BUCHANAN	IA1074601	2004-00089	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/30/2003	Compliance Achieved
	100	BUCHANAN	IA1074601	2004-00716	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	3/24/2004	AO w/ Penalty
	100	BUCHANAN	IA1074601	2004-00924	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/24/2004	AO w/ Penalty
BETHEL REFORMED CHURCH	56	BUTLER	IA1207851	2003-01738	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	1/6/2003	Compliance Achieved
BIG SPRINGS WELL	25	WINNESHIEK	IA9630403	2003-01884	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	4/26/2004	Compliance Achieved
	25	WINNESHIEK	IA9630403	2003-01912	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	4/26/2004	Compliance Achieved
BODE MUNICIPAL WATER SUPPLY	327	HUMBOLDT	IA4609028	2003-02248	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/21/2003	Compliance Achieved
	327	HUMBOLDT	IA4609028	2003-02471	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/21/2003	Compliance Achieved
BOGS BAR	27	JONES	IA5331201	2003-03038	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	2/18/2004	Compliance Achieved
	27	JONES	IA5331201	2004-00820	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/17/2003	Compliance Achieved
BONDURANT MUNI WATER SUPPLY	2026	POLK	IA7717032	2003-01899	Lead	30-Jun-03	AL, 90th Percentile	AL	8/23/2003	Compliance Achieved
BONNIE & KLYDE'S	42	WINNESHIEK	IA9644202	2003-01579	Nitrate Nitrogen	28-Feb-03	Check Major	MON	3/26/2003	Compliance Achieved
BOWLAWAY LANES	84	CHICKASAW	IA1970204	2003-02193	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	3/22/2004	Compliance Achieved
	84	CHICKASAW	IA1970204	2003-02721	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	3/22/2004	Compliance Achieved
BPB MANUFACTURING	115	WEBSTER	IA9433187	2004-01056	Arsenic	31-Dec-03	Routine Major	MON	2/10/2004	Compliance Achieved
BRADFORD HOUSE	110	CHICKASAW	IA1967222	2004-00269	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/6/2003	Compliance Achieved
BREWSKIS BAR & GRILL	28	WINNESHIEK	IA9609774	2003-02799	Coliform Bacteria, Total	31-Jul-03	Routine Major	MON	8/28/2003	NOV issued
	28	WINNESHIEK	IA9609774	2004-00956	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/20/2004	NOV issued
BROADVIEW TRAILER COURT	54	DUBUQUE	IA3100675	2004-01123	Lead	30-Sep-03	AL, 90th Percentile	AL	1/27/2004	NOV issued
BROGANS PUB & GRUB	63	LINN	IA5765201	2003-01444	Coliform Bacteria, Total	31-Jan-03	Routine Major	MON	2/5/2003	Compliance Achieved
	63	LINN	IA5765201	2004-00758	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/2/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
BRONSON WATER SUPPLY	269	WOODBURY	IA9709046	2003-02503	Copper	30-Jun-03	Routine Tap	MON	2/24/2004	BCA issued
	269	WOODBURY	IA9709046	2003-02504	Lead	30-Jun-03	Routine Tap	MON	2/24/2004	BCA issued
	269	WOODBURY	IA9709046	2004-01222	Copper	31-Dec-03	Routine Tap	MON	2/24/2004	BCA issued
	269	WOODBURY	IA9709046	2004-01223	Lead	31-Dec-03	Routine Tap	MON	2/24/2004	BCA issued
	269	WOODBURY	IA9709046	2004-01798	IAC - Certified Operator	31-Mar-03	Non-Reported Type	STA	5/6/2004	NOV issued
	269	WOODBURY	IA9709046	2003-03161	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/25/2003	Compliance Achieved
BROOKHILL ESTATES	36	CLINTON	IA2330301	2004-00723	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/3/2003	Compliance Achieved
BROWN BOTTLE RESTAURANT	225	BLACK HAWK	IA0709201	2003-01885	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	1/15/2004	Compliance Achieved
	225	BLACK HAWK	IA0709201	2003-01915	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	1/15/2004	Compliance Achieved
	225	BLACK HAWK	IA0709201	2003-02182	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	1/15/2004	Compliance Achieved
	225	BLACK HAWK	IA0709201	2004-00004	IAC - Compliance Schedule	30-Sep-03	Non-Reported Type	V/E	9/22/2003	NOV issued
	225	BLACK HAWK	IA0709201	2004-00648	IAC - Failure to submit monthly operation report and to conduct public notification	31-Dec-03	Non-Reported Type	RPT	1/6/2004	Compliance Achieved
	225	BLACK HAWK	IA0709201	2004-00649	Nitrate Nitrogen	31-Dec-03	Non-Reported Type	RPT	1/6/2004	Compliance Achieved
	225	BLACK HAWK	IA0709201	2004-00650	Nitrate Nitrogen	31-Dec-03	Non-Reported Type	PN	1/6/2004	Compliance Achieved
	225	BLACK HAWK	IA0709201	2003-03127	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	1/15/2004	Compliance Achieved
	225	BLACK HAWK	IA0709201	2004-00082	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	1/15/2004	Compliance Achieved
	225	BLACK HAWK	IA0709201	2004-00494	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	1/15/2004	Compliance Achieved
	225	BLACK HAWK	IA0709201	2004-00712	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	1/15/2004	Compliance Achieved
BRUNSVILLE MUNICIPAL WATER SUPPLY	155	PLYMOUTH	IA7514049	2003-03210	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
BS GENERAL STORE	27	CLINTON	IA2322202	2003-03005	Nitrate Nitrogen	31-Jul-03	Routine Major	MON	8/4/2003	Compliance Achieved
	27	CLINTON	IA2322202	2004-01021	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/2/2004	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
BUBBAS BAR & GRILL	42	HOWARD	IA4515782	2003-02469	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	8/8/2003	Compliance Achieved
BUDES SHORT STOP	27	DUBUQUE	IA3126210	2004-00318	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	1/12/2004	Compliance Achieved
	27	DUBUQUE	IA3126210	2004-00702	Nitrate Nitrogen	30-Nov-03	Check Major	MON	1/12/2004	Compliance Achieved
BUZZYS	27	CLINTON	IA2391203	2004-01022	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	2/23/2004	Compliance Achieved
CAFE IGUANAS INC	32	JOHNSON	IA5221206	2003-01825	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	4/21/2003	Compliance Achieved
	32	JOHNSON	IA5221206	2003-01826	Nitrite Nitrogen	31-Mar-03	Routine Major	MON	4/21/2003	Compliance Achieved
	32	JOHNSON	IA5221206	2003-01827	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	4/21/2003	Compliance Achieved
CAMP ABE LINCOLN	230	SCOTT	IA8215448	2004-01333	Copper	30-Sep-03	Routine Tap	MON	3/1/2004	BCA issued
	230	SCOTT	IA8215448	2004-01334	Lead	30-Sep-03	Routine Tap	MON	3/1/2004	BCA issued
CAMP ALDERSGATE	62	MONTGOMERY	IA6985401	2004-00388	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	11/3/2003	NOV issued
	62	MONTGOMERY	IA6985401	2004-00456	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	11/17/2003	NOV issued
CAMP C S KLAUS BOY SCOUT CAMP	152	CLAYTON	IA2809812	2003-02458	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/9/2003	Compliance Achieved
CAMP CONESTOGA	150	SCOTT	IA8264446	2003-02704	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	8/12/2003	NOV issued
	150	SCOTT	IA8264446	2004-00461	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	11/17/2003	NOV issued
	150	SCOTT	IA8264446	2004-00857	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	12/19/2003	NOV issued
	150	SCOTT	IA8264446	2003-02497	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved
	150	SCOTT	IA8264446	2003-02544	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved
	150	SCOTT	IA8264446	2003-02545	Nitrite Nitrogen	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved
	150	SCOTT	IA8264446	2003-02633	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved
	150	SCOTT	IA8264446	2003-02634	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	150	SCOTT	IA8264446	2003-02635	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved
	150	SCOTT	IA8264446	2003-02636	Nitrite Nitrogen	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved
	150	SCOTT	IA8264446	2003-02637	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved
	150	SCOTT	IA8264446	2003-02638	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved
	150	SCOTT	IA8264446	2003-02639	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/22/2003	Compliance Achieved
CAMP EWALU - OUTPOST	27	CLAYTON	IA2279401	2003-02595	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	9/16/2003	Compliance Achieved
	27	CLAYTON	IA2279401	2003-03112	Nitrate Nitrogen	31-Aug-03	Check Major	MON	9/16/2003	Compliance Achieved
CAMP HITAGA	84	LINN	IA5792401	2003-02354	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	11/4/2003	BCA issued
	84	LINN	IA5792401	2004-00447	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	11/4/2003	BCA issued
	84	LINN	IA5792401	2004-00664	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	11/4/2003	BCA issued
CAMP MITIGWA	250	POLK	IA0890490	2003-02338	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	7/25/2003	NOV issued
	250	POLK	IA0890490	2003-02339	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	7/7/2003	NOV issued
	250	POLK	IA0890490	2003-02737	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	8/29/2003	NOV issued
	250	POLK	IA0890490	2004-00647	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	12/15/2003	NOV issued
	250	POLK	IA0890490	2003-01693	Coliform Bacteria, Total	03-Apr-03	Repeat Major	MON	6/4/2003	Compliance Achieved
	250	POLK	IA0890490	2003-01952	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	6/4/2003	Compliance Achieved
	250	POLK	IA0890490	2003-02273	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/4/2003	Compliance Achieved
	250	POLK	IA0890490	2003-03108	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	10/7/2003	Compliance Achieved
	250	POLK	IA0890490	2003-03109	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	10/7/2003	Compliance Achieved
CANYON CREEK GOLF COURSE	45	CLINTON	IA2326201	2003-01962	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	6/4/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	45	CLINTON	IA2326201	2003-02241	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/4/2003	Compliance Achieved
	45	CLINTON	IA2326201	2003-03132	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	10/7/2003	Compliance Achieved
CARGILL, INC. (EDDYVILLE)	1025	MAHASKA	IA6222101	2003-02345	Nitrate Nitrogen	30-Jun-03	MCL, Single	MCL	1/11/2004	Compliance Achieved
CARPENTER BAR/GRILL	52	MITCHELL	IA6616772	2004-00426	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	12/29/2003	AO w/ Penalty
	52	MITCHELL	IA6616772	2003-01716	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	2/24/2004	BCA issued
	52	MITCHELL	IA6616772	2003-02482	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	2/24/2004	BCA issued
	52	MITCHELL	IA6616772	2004-00183	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	12/29/2003	AO w/ Penalty
	52	MITCHELL	IA6616772	2004-00265	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	12/29/2003	AO w/ Penalty
	52	MITCHELL	IA6616772	2004-00949	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	2/24/2004	BCA issued
	52	MITCHELL	IA6616772	2004-00973	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	4/1/2004	Compliance Achieved
CASTANA MUNICIPAL WATER SUPPLY	178	MONONA	IA6715083	2003-02513	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/21/2003	Compliance Achieved
CATS WHARF	52	DUBUQUE	IA3126204	2003-01741	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	7/18/2003	Compliance Achieved
	52	DUBUQUE	IA3126204	2003-02217	Nitrate Nitrogen	31-May-03	Check Major	MON	7/18/2003	Compliance Achieved
	52	DUBUQUE	IA3126204	2003-02461	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/18/2003	Compliance Achieved
CED REL SUPPER CLUB AND MOTEL	38	LINN	IA5715744	2003-02254	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/2/2003	Compliance Achieved
CEDAR BEND PARK	26	BREMER	IA0975913	2003-02713	Nitrate Nitrogen	31-Jul-03	MCL, Single	MCL	7/28/2003	NOV issued
	26	BREMER	IA0975913	2003-02759	Nitrate Nitrogen	31-Aug-03	MCL, Single	MCL	8/22/2003	NOV issued
	26	BREMER	IA0975913	2003-02562	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	10/14/2003	Compliance Achieved
CEDAR LAKES INC	41	CEDAR	IA1689403	2004-00335	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	11/3/2003	Compliance Achieved
CEDAR SPRINGS WESLEYAN CAMP	25	FLOYD	IA3414494	2003-01768	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	4/30/2004	BCA issued

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
CENTER JUNCTION WATER DEPT	131	JONES	IA5315005	2004-00161	Copper	30-Sep-03	Routine Tap	MON	10/20/2003	NOV issued
	131	JONES	IA5315005	2004-00162	Lead	30-Sep-03	Routine Tap	MON	10/20/2003	NOV issued
	131	JONES	IA5315005	2004-01137	IAC - Failure to submit monthly operation report	31-Dec-03	Non-Reported Type	RPT	1/16/2004	NOV issued
	131	JONES	IA5315005	2003-02790	Coliform Bacteria, Total	28-Jul-03	Repeat Major	MON	12/11/2003	Compliance Achieved
	131	JONES	IA5315005	2004-00160	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	12/11/2003	Compliance Achieved
	131	JONES	IA5315005	2004-00505	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	12/11/2003	Compliance Achieved
CHARTER OAK WATER SUPPLY	530	CRAWFORD	IA2417018	2003-02242	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/2/2003	Compliance Achieved
CHATEAU AT WOLF CREEK	35	POLK	IA7717302	2004-00834	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/10/2003	Compliance Achieved
CHELSEA WATER SUPPLY	287	TAMA	IA8609019	2003-02710	Lead	30-Jun-03	AL, 90th Percentile	AL	12/10/2003	BCA issued
	287	TAMA	IA8609019	2004-01161	Lead	31-Dec-03	AL, 90th Percentile	AL	12/10/2003	BCA issued
CHERRY HILLS SUBDIVISION	80	JOHNSON	IA5225305	2003-01865	Arsenic	31-Mar-03	Routine Major	MON	5/28/2003	Compliance Achieved
	80	JOHNSON	IA5225305	2003-01866	Sodium	31-Mar-03	Routine Major	MON	5/28/2003	Compliance Achieved
CLARINDA WATER PLANT	5690	PAGE	IA7329029	2003-02175	Turbidity	28-Feb-03	Treatment Techniques (SWTR)	TT	9/30/2003	Compliance Achieved
	5690	PAGE	IA7329029	2003-02176	Turbidity	31-Mar-03	Treatment Techniques (SWTR)	TT	9/30/2003	Compliance Achieved
	5690	PAGE	IA7329029	2003-02691	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	1/31/2004	Compliance Achieved
CLAY REGIONAL WATER	3515	CLAY	IA2100701	2004-00853	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	12/18/2003	NOV issued
CLAY REGIONAL WATER - GRUVER	566	EMMET	IA3225701	2004-00643	Copper	30-Sep-03	Routine Tap	MON	12/1/2003	BCA issued
	566	EMMET	IA3225701	2004-00644	Lead	30-Sep-03	Routine Tap	MON	12/1/2003	BCA issued
CLEGHORN WATER SUPPLY	257	CHEROKEE	IA1817045	2003-01869	Sodium	31-Mar-03	Routine Major	MON	5/7/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	257	CHEROKEE	IA1817045	2003-01870	Arsenic	31-Mar-03	Routine Major	MON	5/7/2003	Compliance Achieved
CLIFFS PLACE INC	51	BREMER	IA0929200	2003-03235	Nitrate Nitrogen	31-Aug-03	MCL, Single	MCL	9/26/2003	NOV issued
	51	BREMER	IA0929200	2004-00803	Nitrate Nitrogen	30-Nov-03	Routine Major	MON	1/14/2004	Compliance Achieved
	51	BREMER	IA0929200	2004-00978	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/14/2004	Compliance Achieved
CLIMAX MOLYBDENUM COMPANY	150	LEE	IA5625140	2003-02682	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	1/12/2004	Compliance Achieved
COLLINS WATER SUPPLY	499	STORY	IA8515060	2004-00823	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/8/2003	Compliance Achieved
COLUMBUS CITY PUBLIC WATER SUPPLY	376	LOUISA	IA5809063	2003-01971	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/30/2003	Compliance Achieved
COLWELL PARK	30	FLOYD	IA3409401	2003-03233	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	4/30/2004	Compliance Achieved
COMMUNITY CARE, INC	185	CLINTON	IA2300901	2004-00107	Copper	30-Sep-03	Routine Tap	MON	11/4/2003	Compliance Achieved
	185	CLINTON	IA2300901	2004-00108	Lead	30-Sep-03	Routine Tap	MON	11/4/2003	Compliance Achieved
	185	CLINTON	IA2300901	2004-00268	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	11/4/2003	Compliance Achieved
CORALVILLE LAKE MANOR	170	JOHNSON	IA5200825	2003-01964	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/12/2003	Compliance Achieved
CORALVILLE LAKE TERRACE	340	JOHNSON	IA5200817	2003-02715	Coliform Bacteria, Total	31-May-03	Non-Reported Type	V/E	5/7/2004	Compliance Achieved
	340	JOHNSON	IA5200817	2003-03216	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
CORALVILLE LAKE-WEST OVERLOOK	1263	JOHNSON	IA5225411	2004-00031	Coliform Bacteria, Total	31-Oct-03	MCL (TCR), Monthly	MCL	5/10/2004	Compliance Achieved
CORRECTIONVILLE WATER SUPPLY	851	WOODBURY	IA9721076	2003-02264	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/10/2003	Compliance Achieved
	851	WOODBURY	IA9721076	2003-02265	Nitrate Nitrogen	31-May-03	Routine Major	MON	6/10/2003	Compliance Achieved
COUNTRY DRIVE	26	PLYMOUTH	IA7528201	2003-01954	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	6/27/2003	Compliance Achieved
COUNTRY ESTATES MHP	150	SCOTT	IA8200601	2003-02642	Sodium	30-Jun-03	Routine Major	MON	7/8/2003	Compliance Achieved
COUNTRY ESTATES MOBILE HOME PARK	35	POTTAWATTAMIE	IA6500600	2003-02186	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	12/31/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	35	POTTAWATTAMIE	IA6500600	2004-00025	Lead	30-Sep-03	AL, 90th Percentile	AL	4/5/2004	Compliance Achieved
COUNTRY HEIGHTS	91	MUSCATINE	IA7073301	2004-00455	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	11/20/2003	NOV issued
COUNTRY HILLS WATER CORP	41	DUBUQUE	IA3122301	2004-00395	Copper	30-Sep-03	AL, 90th Percentile	AL	11/6/2003	BCA issued
	41	DUBUQUE	IA3122301	2003-02244	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/30/2003	Compliance Achieved
	41	DUBUQUE	IA3122301	2003-03135	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/30/2003	Compliance Achieved
	41	DUBUQUE	IA3122301	2003-03205	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
CRAIG WATER WORKS	102	PLYMOUTH	IA7521084	2004-00190	Copper	30-Sep-03	Routine Tap	MON	10/17/2003	BCA issued
	102	PLYMOUTH	IA7521084	2004-00191	Lead	30-Sep-03	Routine Tap	MON	10/17/2003	BCA issued
CRESCO GOLF AND COUNTRY CLUB	36	HOWARD	IA4515778	2003-02267	Nitrate Nitrogen	31-May-03	Routine Major	MON	5/28/2003	Compliance Achieved
	36	HOWARD	IA4515778	2003-03163	Nitrate Nitrogen	31-Aug-03	Routine Major	MON	8/27/2003	Compliance Achieved
	36	HOWARD	IA4515778	2004-00515	Nitrate Nitrogen	31-Oct-03	Routine Major	MON	10/29/2003	Compliance Achieved
CRESTVIEW MOBILE HOME PARK	72	STORY	IA8500605	2004-00220	Copper	30-Sep-03	Routine Tap	MON	10/30/2003	BCA issued
	72	STORY	IA8500605	2004-00221	Lead	30-Sep-03	Routine Tap	MON	10/30/2003	BCA issued
	72	STORY	IA8500605	2004-00347	Arsenic	30-Sep-03	Routine Major	MON	10/30/2003	BCA issued
	72	STORY	IA8500605	2004-01064	Arsenic	31-Dec-03	Routine Major	MON	1/14/2004	Compliance Achieved
	72	STORY	IA8500605	2004-01252	Gross Alpha, excluding Radon & Uranium	31-Dec-03	Routine Major	MON	2/23/2004	NOV issued
	72	STORY	IA8500605	2004-01253	Radium 226 & Radium 228	31-Dec-03	Routine Major	MON	2/23/2004	NOV issued
CRYSTAL LAKE WATER SUPPLY	285	HANCOCK	IA4115092	2003-02312	Copper	30-Jun-03	AL, 90th Percentile	AL	6/26/2003	NOV issued
CUMBERLAND RIDGE FIRST ADDITION	55	JOHNSON	IA5252301	2004-01388	Copper	30-Sep-03	Routine Tap	MON	3/11/2004	BCA issued
	55	JOHNSON	IA5252301	2004-01389	Lead	30-Sep-03	Routine Tap	MON		State NOV

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	55	JOHNSON	IA5252301	2003-03146	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/2/2003	Compliance Achieved
CUMBERLAND WATER SUPPLY	281	CASS	IA1516093	2003-01044	Coliform Bacteria, Total	31-Jan-03	MCL (TCR), Monthly	MCL	7/31/2003	Compliance Achieved
CUMMING WATER TREATMENT PLANT	162	WARREN	IA9123047	2004-00508	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/13/2003	Compliance Achieved
D & K ONE STOP	384	BUCHANAN	IA1003201	2003-02444	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/30/2003	Compliance Achieved
DAKOTA MHP	172	JOHNSON	IA5200618	2003-01592	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	3/27/2003	Compliance Achieved
DAVIS CITY WATER SUPPLY	275	DECATUR	IA2715009	2003-02243	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/8/2003	Compliance Achieved
	275	DECATUR	IA2715009	2003-03212	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
DAWSON WATER WORKS	155	DALLAS	IA2525010	2004-00415	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	1/23/2004	Compliance Achieved
DE WITT WATER SUPPLY	5049	CLINTON	IA2330036	2003-02755	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	2/24/2004	Compliance Achieved
DECOSTER FARMS FEED MILL	50	WRIGHT	IA9932104	2003-02118	Nitrate Nitrogen	30-Apr-03	Routine Major	MON	12/18/2003	Compliance Achieved
	50	WRIGHT	IA9932104	2004-00595	Nitrate Nitrogen	31-Oct-03	Routine Major	MON	12/18/2003	Compliance Achieved
DEEP RIVER WATER SUPPLY	288	POWESHIEK	IA7915017	2004-01129	Copper	30-Jun-03	AL, 90th Percentile	AL	12/18/2003	Compliance Achieved
DEER VALLEY LODGE	100	CERRO GORDO	IA1785421	2003-03047	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	10/21/2003	Compliance Achieved
	100	CERRO GORDO	IA1785421	2003-02776	Coliform Bacteria, Total	04-Aug-03	Repeat Major	MON	10/21/2003	Compliance Achieved
DEERWOOD ESTATES UTILITIES	173	WEBSTER	IA9433349	2003-02963	Gross Alpha, excluding Radon & Uranium	30-Jun-03	Routine Major	MON	9/24/2003	Compliance Achieved
DEERWOOD GOLF INC	306	HENRY	IA4458201	2004-01032	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/10/2004	Compliance Achieved
DELHI LAKEVIEW ESTATES, INC #1	30	DELAWARE	IA2817456	2003-02617	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	8/28/2003	Compliance Achieved
	30	DELAWARE	IA2817456	2003-02618	Nitrite Nitrogen	30-Jun-03	Routine Major	MON	8/28/2003	Compliance Achieved
DEVILS CREEK ESTATES HOME ASSOC	84	SCOTT	IA8218301	2004-00210	Copper	30-Sep-03	Routine Tap	MON	4/27/2004	Compliance Achieved
	84	SCOTT	IA8218301	2004-00211	Lead	30-Sep-03	Routine Tap	MON	4/27/2004	Compliance Achieved

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	84	SCOTT	IA8218301	2004-00292	Copper	30-Sep-03	Routine Tap	MON	4/27/2004	Compliance Achieved
	84	SCOTT	IA8218301	2004-00293	Lead	30-Sep-03	Routine Tap	MON	4/27/2004	Compliance Achieved
	84	SCOTT	IA8218301	2004-01237	Radium 226 & Radium 228	31-Dec-03	Routine Major	MON	5/16/2004	Compliance Achieved
	84	SCOTT	IA8218301	2004-01238	Radium 226 & Radium 228	31-Dec-03	Routine Major	MON	5/16/2004	Compliance Achieved
DIKE WATER SUPPLY	944	GRUNDY	IA3815042	2003-01737	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	3/12/2003	Compliance Achieved
DOERFER ENGINEERING COMPANY (Inactive system)	60	BLACK HAWK	IA0709205	2003-01630	Lead	30-Jun-03	AL, 90th Percentile	AL	4/13/2004	Compliance Achieved
	60	BLACK HAWK	IA0709205	2003-01631	Copper	30-Jun-03	AL, 90th Percentile	AL	4/13/2004	Compliance Achieved
DONAHUE MUNI WATER SYSTEM	293	SCOTT	IA8227045	2004-00660	Copper	30-Sep-03	Routine Tap	MON	12/11/2003	BCA issued
	293	SCOTT	IA8227045	2004-00661	Lead	30-Sep-03	Routine Tap	MON	12/11/2003	BCA issued
	293	SCOTT	IA8227045	2003-02669	Sodium	30-Jun-03	Routine Major	MON	9/23/2003	Compliance Achieved
DOON WATER SUPPLY	533	LYON	IA6015047	2004-00506	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/12/2003	Compliance Achieved
DORELL DRIVE HOME OWNERS ASSOCIATION	32	FRANKLIN	IA3544301	2004-00001	IAC - Construction without a permit	30-Sep-03	Non-Reported Type	V/E	3/1/2004	Compliance Achieved
	32	FRANKLIN	IA3544301	2004-00002	IAC - Failure to maintain disinfection residual	30-Sep-03	Non-Reported Type	V/E	3/1/2004	Compliance Achieved
	32	FRANKLIN	IA3544301	2004-00003	IAC - Failure to monitor disinfection residual and measure pumpage	30-Sep-03	Non-Reported Type	V/E	3/1/2004	Compliance Achieved
	32	FRANKLIN	IA3544301	2004-01083	Sodium	31-Dec-03	Routine Major	MON	2/25/2004	Compliance Achieved
DOT-3 (LOVELAND 060 SCENIC VIEW)	55	POTTAWATTAMIE	IA1509701	2003-02172	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	12/31/2003	Compliance Achieved
	55	POTTAWATTAMIE	IA1509701	2003-02297	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	12/31/2003	Compliance Achieved
DUBUQUE YMCA CAMP	80	DUBUQUE	IA3126489	2003-02462	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	2/17/2004	Compliance Achieved
	80	DUBUQUE	IA3126489	2003-02559	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	2/17/2004	Compliance Achieved
DYERSVILLE GOLF AND COUNTRY CLUB	82	DUBUQUE	IA3130883	2003-02266	Nitrate Nitrogen	31-May-03	Routine Major	MON	6/3/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
EAGLE GROVE COUNTRY CLUB	51	WRIGHT	IA9926809	2004-01170	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/15/2003	Compliance Achieved
EARL MAY GARDEN CENTER	135	CERRO GORDO	IA1750202	2003-02609	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/28/2003	Compliance Achieved
ECONO LODGE	37	CASS	IA1509706	2003-02447	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	8/25/2003	Compliance Achieved
	37	CASS	IA1509706	2004-00275	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	11/3/2003	Compliance Achieved
EDEN PRESBYTERIAN CHURCH	87	MITCHELL	IA6658801	2004-01050	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/16/2004	Compliance Achieved
	87	MITCHELL	IA6658801	2004-01051	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	3/16/2004	Compliance Achieved
	87	MITCHELL	IA6658801	2004-01052	Nitrite Nitrogen	31-Dec-03	Routine Major	MON	3/16/2004	Compliance Achieved
EDGETOWN MOBILE HOME COURT	25	MARSHALL	IA6403301	2004-00299	Copper	30-Sep-03	Routine Tap	MON	10/20/2003	NOV issued
	25	MARSHALL	IA6403301	2004-00300	Lead	30-Sep-03	Routine Tap	MON	10/20/2003	NOV issued
	25	MARSHALL	IA6403301	2003-03213	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
	25	MARSHALL	IA6403301	2004-00811	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/7/2003	Compliance Achieved
EDGEWATER GOLF COURSE	41	FAYETTE	IA3300769	2003-02178	Nitrate Nitrogen	31-May-03	MCL, Single	MCL	11/12/2003	BCA issued
	41	FAYETTE	IA3300769	2003-02725	Nitrate Nitrogen	31-Aug-03	MCL, Single	MCL	11/12/2003	BCA issued
	41	FAYETTE	IA3300769	2003-03238	Nitrate Nitrogen	30-Sep-03	MCL, Single	MCL	11/12/2003	BCA issued
	41	FAYETTE	IA3300769	2003-02867	Nitrate Nitrogen	31-Jul-03	Routine Major	MON	8/4/2003	Compliance Achieved
ELK HORN MUNI WATER WORKS	649	SHELBY	IA8325013	2004-00362	Sodium	30-Sep-03	Routine Major	MON	11/3/2003	Compliance Achieved
ELKADER INN	27	CLAYTON	IA2223202	2003-01934	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	2/16/2004	Compliance Achieved
ELLIOTT WATER SUPPLY	402	MONTGOMERY	IA6915015	2003-03197	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	4/30/2004	Compliance Achieved
	402	MONTGOMERY	IA6915015	2004-00010	Coliform Bacteria, Total	31-Oct-03	MCL (TCR), Monthly	MCL	4/30/2004	Compliance Achieved
ELLSTON MUNICIPAL WATER WORKS	57	RINGGOLD	IA8020001	2004-00870	Consumer Confidence Report	31-Jul-03	CCR	RPT	1/6/2004	NOV issued

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ELLSWORTH COLLEGE STABLES	100	HARDIN	IA4260901	2003-03110	Coliform Bacteria, Total	01-Sep-03	Repeat Major	MON	10/15/2003	Compliance Achieved
EVANSDALE WATER WORKS	4526	BLACK HAWK	IA0723027	2004-00312	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/20/2003	Compliance Achieved
E-Z PICKINS TRUCK STOP	1006	DELAWARE	IA2839201	2003-02315	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	8/8/2003	NOV issued
	1006	DELAWARE	IA2839201	2003-02362	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	7/11/2003	NOV issued
	1006	DELAWARE	IA2839201	2003-02696	Coliform, Fecal	31-Jul-03	MCL (TCR), Acute	MCL	7/21/2003	NOV issued
	1006	DELAWARE	IA2839201	2003-02738	Coliform, Fecal	30-Jun-03	MCL (TCR), Acute	MCL	8/8/2003	NOV issued
	1006	DELAWARE	IA2839201	2004-00439	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	12/1/2003	NOV issued
	1006	DELAWARE	IA2839201	2004-00666	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	12/19/2003	NOV issued
	1006	DELAWARE	IA2839201	2004-01049	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/16/2004	NOV issued
FAIRFAX HANDIMART	504	LINN	IA5731201	2004-00384	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	4/14/2004	Compliance Achieved
FAIRWAY OAKS	25	MUSCATINE	IA7048306	2003-01365	Copper	30-Jun-03	AL, 90th Percentile	AL	1/5/2004	BCA issued
	25	MUSCATINE	IA7048306	2003-03054	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	AL	3/22/2004	Compliance Achieved
	25	MUSCATINE	IA7048306	2004-00021	Coliform Bacteria, Total	31-Oct-03	MCL (TCR), Monthly	MCL	3/22/2004	Compliance Achieved
	25	MUSCATINE	IA7048306	2004-00869	Copper	31-Dec-03	AL, 90th Percentile	AL	1/5/2004	BCA issued
FAR HORIZONS SUBDIVISION	80	JOHNSON	IA5225386	2003-01967	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/5/2003	Compliance Achieved
FARMLAND INDUSTRIES/EAGLE GROVE	40	WRIGHT	IA9926101	2003-01779	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	4/21/2003	Compliance Achieved
FAWN CREEK COUNTRY CLUB	50	JONES	IA5307811	2004-00159	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	12/10/2003	Compliance Achieved
FEATHERLITE MANUFACTURING, INC.	125	HOWARD	IA4535101	2004-00393	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	1/20/2004	BCA issued
	125	HOWARD	IA4535101	2004-00457	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	1/20/2004	BCA issued
	125	HOWARD	IA4535101	2004-00655	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	1/20/2004	BCA issued
FILL AND FOOD #7	51	POTTAWATTAMIE	IA7849202	2004-00282	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	11/3/2003	Compliance Achieved

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FILLING STATION	500	HARRISON	IA4388201	2003-01778	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
	500	HARRISON	IA4388201	2004-00807	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/18/2003	Compliance Achieved
FILLMORE BAR AND GRILL	55	DUBUQUE	IA3118729	2003-01770	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	5/2/2003	Compliance Achieved
FOBIANS M & J	32	BLACK HAWK	IA0709208	2003-02603	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	8/20/2003	Compliance Achieved
	32	BLACK HAWK	IA0709208	2003-02604	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	8/20/2003	Compliance Achieved
FORESTGATE SUBDIVISION	140	JOHNSON	IA5225307	2003-01337	Coliform Bacteria, Total	31-Jan-03	MCL (TCR), Monthly	MCL	7/2/2003	Compliance Achieved
FORT DEFIANCE STATE PARK	104	EMMET	IA3218930	2003-03224	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	9/22/2003	NOV issued
FORT DODGE ICE & COLD	30	WEBSTER	IA9433103	2004-00639	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	1/13/2004	BCA issued
	30	WEBSTER	IA9433103	2004-00859	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	1/13/2004	BCA issued
	30	WEBSTER	IA9433103	2003-01823	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	5/28/2003	Compliance Achieved
	30	WEBSTER	IA9433103	2004-00704	Coliform Bacteria, Total	09-Dec-03	Repeat Major	MON	1/13/2004	BCA issued
FOUR OAKS	60	LINN	IA5715802	2003-03003	Coliform Bacteria, Total	31-Jul-03	Routine Major	MON	8/25/2003	Compliance Achieved
	60	LINN	IA5715802	2003-03206	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
FOXY LADY	55	DALLAS	IA2509203	2003-02276	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/11/2003	Compliance Achieved
	55	DALLAS	IA2509203	2003-03171	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/4/2003	Compliance Achieved
FREDERIKA'S STEIN & DINE (Inactive System)	53	BREMER	IA0922729	2003-02320	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	38020	Compliance Achieved
	53	BREMER	IA0922729	2003-02334	Coliform, Fecal	30-Jun-03	MCL (TCR), Acute	MCL	38020	Compliance Achieved
	53	BREMER	IA0922729	2003-02692	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	38020	Compliance Achieved
	53	BREMER	IA0922729	2003-01433	Coliform Bacteria, Total	31-Jan-03	Routine Major	MON	3/17/2003	Compliance Achieved
	53	BREMER	IA0922729	2003-01508	Nitrate Nitrogen	31-Jan-03	Routine Major	MON	3/17/2003	Compliance Achieved

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	53	BREMER	IA0922729	2003-01588	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	3/17/2003	Compliance Achieved
	53	BREMER	IA0922729	2003-01610	Nitrate Nitrogen	28-Feb-03	Routine Major	MON	3/17/2003	Compliance Achieved
	53	BREMER	IA0922729	2003-02961	Nitrate Nitrogen	31-Jul-03	Routine Major	MON	2/3/2004	Compliance Achieved
FREMONT GOLF COURSE	129	FREMONT	IA3661884	2004-00936	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/5/2004	Compliance Achieved
	129	FREMONT	IA3661884	2004-01007	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/5/2004	Compliance Achieved
FRIENDLY TAVERN	77	BUCHANAN	IA1074833	2004-00403	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
FT MADISON MUNI WATER WORKS	11476	LEE	IA5625062	2003-01526	Chlorite	31-Jan-03	Routine Major	MON	2/25/2003	Compliance Achieved
	11476	LEE	IA5625062	2003-02282	Chlorite	31-May-03	Routine Major	MON	6/3/2003	Compliance Achieved
GALT MUNICIPAL WATER SUPPLY	30	WRIGHT	IA9932071	2003-02046	Gross Alpha, excluding Radon & Uranium	31-Mar-03	Routine Major	MON	12/1/2003	Compliance Achieved
	30	WRIGHT	IA9932071	2003-02047	Radium 226 & Radium 228	31-Mar-03	Routine Major	MON	12/1/2003	Compliance Achieved
GATEWAY DEVELOPMENT	25	JOHNSON	IA5225312	2003-02659	Arsenic	30-Jun-03	Routine Major	MON	7/23/2003	NOV issued
GILBERT WATER SUPPLY	987	STORY	IA8531083	2003-02708	Copper	30-Jun-03	AL, 90th Percentile	AL	7/28/2003	NOV issued
	987	STORY	IA8531083	2004-01128	Copper	31-Dec-03	AL, 90th Percentile	AL	1/28/2004	NOV issued
GILBERTSON PARK	117	FAYETTE	IA3338402	2003-01586	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	12/17/2003	Compliance Achieved
	117	FAYETTE	IA3338402	2004-01031	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	2/9/2004	Compliance Achieved
GILS BALLROOM (Inactive Supply)	25	CLINTON	IA2307201	2004-00417	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	4/19/2004	Compliance Achieved
	25	CLINTON	IA2307201	2003-01608	Nitrate Nitrogen	28-Feb-03	Routine Major	MON	8/4/2003	Compliance Achieved
	25	CLINTON	IA2307201	2003-01702	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	8/4/2003	Compliance Achieved
	25	CLINTON	IA2307201	2003-01759	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	8/4/2003	Compliance Achieved
	25	CLINTON	IA2307201	2003-02082	Nitrate Nitrogen	30-Apr-03	Routine Major	MON	8/4/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	25	CLINTON	IA2307201	2003-02269	Nitrate Nitrogen	31-May-03	Routine Major	MON	8/4/2003	Compliance Achieved
	25	CLINTON	IA2307201	2003-02453	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	25	CLINTON	IA2307201	2003-02546	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	8/4/2003	Compliance Achieved
	25	CLINTON	IA2307201	2004-00550	Nitrate Nitrogen	31-Oct-03	Routine Major	MON	4/19/2004	Compliance Achieved
	25	CLINTON	IA2307201	2004-00804	Nitrate Nitrogen	30-Nov-03	Routine Major	MON	4/19/2004	Compliance Achieved
	25	CLINTON	IA2307201	2004-00930	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	4/19/2004	Compliance Achieved
GLIDDEN WATER SUPPLY	1253	CARROLL	IA1438091	2004-00295	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/30/2003	Compliance Achieved
GOLDEN ACRES RETIREMENT VILLAGE	49	BLACK HAWK	IA0790678	2003-03049	Nitrate Nitrogen	30-Sep-03	MCL, Single	MCL	9/4/2003	NOV issued
GOULDSBURG PARK	30	FAYETTE	IA3383903	2003-02246	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/9/2003	Compliance Achieved
GRACE COMMUNITY CHURCH	151	JOHNSON	IA5252802	2003-01595	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	3/3/2003	Compliance Achieved
GRANADA MOBILE HOME PARK	100	DUBUQUE	IA3100605	2003-01846	Arsenic	31-Mar-03	Routine Major	MON	4/30/2003	Compliance Achieved
	100	DUBUQUE	IA3100605	2003-01847	Sodium	31-Mar-03	Routine Major	MON	4/30/2003	Compliance Achieved
GRAND JCT MUNICIPAL WATER DEPT	964	GREENE	IA3730098	2004-01096	Sodium	31-Dec-03	Routine Major	MON	1/26/2004	Compliance Achieved
GRANDMAS SNACK SHOP	46	BUTLER	IA1211821	2003-02321	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	3/1/2004	Compliance Achieved
	46	BUTLER	IA1211821	2003-01436	Coliform Bacteria, Total	31-Jan-03	Routine Major	MON	2/26/2003	Compliance Achieved
	46	BUTLER	IA1211821	2003-01756	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
	46	BUTLER	IA1211821	2003-02774	Coliform Bacteria, Total	14-Jul-03	Repeat Major	MON	12/29/2003	Compliance Achieved
	46	BUTLER	IA1211821	2003-02775	Coliform Bacteria, Total	18-Aug-03	Repeat Major	MON	12/29/2003	Compliance Achieved
	46	BUTLER	IA1211821	2004-00718	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/29/2003	Compliance Achieved
GREENE LANES	41	FLOYD	IA1253851	2003-01055	Coliform Bacteria, Total	06-Jan-03	Repeat Major	MON	1/27/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	41	FLOYD	IA1253851	2004-00925	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/21/2004	Compliance Achieved
GREENWOOD ACRES WATER CO.	240	POLK	IA7709395	2004-00023	Copper	30-Sep-03	AL, 90th Percentile	AL	1/5/2004	BCA issued
GRINNELL WATER DEPARTMENT	9105	POWESHIEK	IA7930008	2004-00400	Coliform Bacteria, Total	31-Oct-03	MCL (TCR), Monthly	MCL	5/6/2004	Compliance Achieved
GUTTENBERG WATER UTILITY CITY	1987	CLAYTON	IA2242018	2004-01138	IAC - Failure to submit monthly operation report	31-Dec-03	Non-Reported Type	RPT	4/30/2004	Compliance Achieved
HAESSLER SUBDIVISION HOA #8	27	SCOTT	IA8245302	2004-00817	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/10/2003	Compliance Achieved
HARMONY BIBLE CHURCH	195	HENRY	IA2915885	2004-00933	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	2/11/2004	Compliance Achieved
HARPERS MARINA/JOLLY ROGER/CORALVILLE L	71	JOHNSON	IA5200830	2003-01949	Nitrate Nitrogen	30-Apr-03	Check Major	MON	7/8/2003	Compliance Achieved
	71	JOHNSON	IA5200830	2003-01950	Nitrate Nitrogen	30-Apr-03	Check Major	MON	7/8/2003	Compliance Achieved
HART RIDGE GOLF COURSE	167	DELAWARE	IA2839203	2004-00801	Nitrate Nitrogen	30-Nov-03	Routine Major	MON	12/16/2003	Compliance Achieved
HASTINGS WATER SUPPLY	214	MILLS	IA6527038	2003-03234	Nitrate Nitrogen	30-Sep-03	MCL, Single	MCL	2/11/2004	BCA issued
	214	MILLS	IA6527038	2004-00386	Nitrate Nitrogen	31-Oct-03	MCL, Single	MCL	2/11/2004	BCA issued
HAVELOCK WATER SUPPLY	177	POCAHONTAS	IA7609039	2003-02651	Arsenic	30-Jun-03	Routine Major	MON	9/30/2003	Compliance Achieved
HEARTLAND HILLS GOLF CLUB	89	EMMET	IA3218402	2003-02464	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/14/2003	Compliance Achieved
	89	EMMET	IA3218402	2004-00277	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	12/9/2003	Compliance Achieved
HEIDELBERG LLC (Inactive System)	37	CLAYTON	IA2254201	2003-01047	Coliform Bacteria, Total	31-Mar-03	MCL (TCR), Monthly	MCL	8/26/2003	Compliance Achieved
	37	CLAYTON	IA2254201	2003-01620	IAC – Failure to comply with compliance schedule	15-Mar-03	Non-Reported Type	V/E	8/26/2003	Compliance Achieved
	37	CLAYTON	IA2254201	2003-01585	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	8/26/2003	Compliance Achieved
	37	CLAYTON	IA2254201	2003-01810	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	8/26/2003	Compliance Achieved
	37	CLAYTON	IA2254201	2003-02144	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	8/26/2003	Compliance Achieved
	37	CLAYTON	IA2254201	2003-02279	Coliform Bacteria, Total	31-May-03	Routine Major	MON	8/26/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	37	CLAYTON	IA2254201	2003-02611	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	8/26/2003	Compliance Achieved
HI POINT GOLF COURSE	153	JOHNSON	IA5225802	2004-00005	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	10/15/2003	NOV issued
HICKORY ESTATES	48	SCOTT	IA8227301	2003-01603	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	3/31/2003	Compliance Achieved
HICKORY GROVE (GOLF COURSE)	28	FAYETTE	IA3353746	2003-02272	Nitrate Nitrogen	31-May-03	Routine Major	MON	6/2/2003	Compliance Achieved
HICKORY HILLS SECOND ANNEX	116	SCOTT	IA8215373	2004-00418	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
HIDDEN ACRES SUBDIVISION	104	JOHNSON	IA5282308	2003-01542	Coliform Bacteria, Total	28-Feb-03	MCL (TCR), Monthly	MCL	8/12/2003	Compliance Achieved
	104	JOHNSON	IA5282308	2003-02317	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	1/20/2004	Compliance Achieved
	104	JOHNSON	IA5282308	2003-02473	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	1/20/2004	Compliance Achieved
HIDDEN RIVER CAMPGROUNDS	25	CEDAR	IA1689401	2003-03039	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	8/27/2003	NOV issued
HIDDEN VALLEY MOBILE HOME PARK	46	WASHINGTON	IA9200600	2003-02263	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/10/2003	Compliance Achieved
	46	WASHINGTON	IA9200600	2003-02857	Coliform Bacteria, Total	31-Jul-03	Routine Major	MON	8/4/2003	Compliance Achieved
	46	WASHINGTON	IA9200600	2004-00991	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/28/2004	Compliance Achieved
HIGHLAND HIGH SCHOOL	305	WASHINGTON	IA9260528	2004-00345	Arsenic	30-Sep-03	Routine Major	MON	11/10/2003	Compliance Achieved
HILLSIDE ESTATE, INC.	62	IOWA	IA4800901	2003-03059	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	12/31/2003	Compliance Achieved
HILLTOP FOOD AND FUEL (Inactive System)	265	POTTAWATTAMIE	IA7849701	2004-00198	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	11/21/2003	Compliance Achieved
	265	POTTAWATTAMIE	IA7849701	2004-00274	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	11/21/2003	Compliance Achieved
HIM HEARTH N HOME COOKING	57	WASHINGTON	IA9233205	2004-01030	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	2/12/2004	Compliance Achieved
HITTERS SPORTS PARK	400	LINN	IA5715204	2003-02512	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/29/2003	Compliance Achieved
HOLDENS FOUNDATION SEEDS # 3	110	IOWA	IA4884834	2003-01708	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	6/25/2003	Compliance Achieved
	110	IOWA	IA4884834	2003-01796	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	6/25/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	110	IOWA	IA4884834	2004-00938	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/10/2004	Compliance Achieved
	110	IOWA	IA4884834	2004-01012	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/10/2004	Compliance Achieved
HOLDENS FOUNDATION SEEDS # 4	34	IOWA	IA4884835	2004-00939	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/10/2004	Compliance Achieved
HOLIDAY INN	1350	IOWA	IA4802701	2004-01099	Arsenic	31-Dec-03	Routine Major	MON	2/9/2004	Compliance Achieved
HOLY CROSS WATER SUPPLY	339	DUBUQUE	IA3146055	2003-01893	Coliform Bacteria, Total	30-Apr-03	MCL (TCR), Monthly	MCL	1/21/2004	Compliance Achieved
HOMESTEAD WATER SUPPLY	134	IOWA	IA4830036	2003-01531	Radium 226 & Radium 228	31-Mar-03	MCL, Average	MCL	7/31/2003	BCA issued
HOMETOWN - FIVE SEASONS	675	SCOTT	IA8222609	2004-00612	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/5/2003	Compliance Achieved
HOMETOWN - SILVER CREEK	700	SCOTT	IA8222610	2004-00613	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/5/2003	Compliance Achieved
HOMETOWN MARION VILLAGE	1220	LINN	IA5751601	2003-01715	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	5/7/2003	Compliance Achieved
	1220	LINN	IA5751601	2003-01970	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/7/2003	Compliance Achieved
	1220	LINN	IA5751601	2003-03207	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
HONEY CREEK CAMPGROUNDS	51	POTTAWATTAMIE	IA7822443	2004-00414	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
	51	POTTAWATTAMIE	IA7822443	2003-01376	Coliform Bacteria, Total	31-Jan-03	Routine Major	MON	7/14/2003	Compliance Achieved
	51	POTTAWATTAMIE	IA7822443	2003-01601	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	7/14/2003	Compliance Achieved
	51	POTTAWATTAMIE	IA7822443	2003-01765	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	7/14/2003	Compliance Achieved
	51	POTTAWATTAMIE	IA7822443	2003-02222	Nitrate Nitrogen	31-May-03	Check Major	MON	7/14/2003	Compliance Achieved
	51	POTTAWATTAMIE	IA7822443	2003-02259	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/14/2003	Compliance Achieved
	51	POTTAWATTAMIE	IA7822443	2003-02793	Coliform Bacteria, Total	04-Aug-03	Repeat Major	MON	9/30/2003	Compliance Achieved
	51	POTTAWATTAMIE	IA7822443	2003-03088	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/30/2003	Compliance Achieved
HOSPERS MUNICIPAL WATER DEPT	682	SIoux	IA8439058	2004-00791	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/22/2003	Compliance Achieved

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HOWARD H CHERRY SCOUT RESERVATION	155	LINN	IA5720421	2004-00645	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	12/10/2003	NOV issued
HWY #3 MOBILE HOME PARK	155	BREMER	IA0900601	2004-00085	Copper	30-Sep-03	Routine Tap	MON	11/3/2003	Compliance Achieved
	155	BREMER	IA0900601	2004-00086	Lead	30-Sep-03	Routine Tap	MON	11/3/2003	Compliance Achieved
HWY 61 MIDWAY MARKET	50	JACKSON	IA3198799	2003-01813	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	8/6/2003	Compliance Achieved
	50	JACKSON	IA3198799	2003-02230	Nitrate Nitrogen	31-May-03	Check Major	MON	8/6/2003	Compliance Achieved
I-35 TRUCKSTOP, INC.	1570	HAMILTON	IA4070204	2003-02377	Coliform Bacteria, Total	07-Jul-03	Repeat Major	MON	11/20/2003	Compliance Achieved
	1570	HAMILTON	IA4070204	2004-00135	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	11/20/2003	Compliance Achieved
IA QUALITY BEEF SUPPLY COOP	275	TAMA	IA8670101	2003-02500	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/15/2003	Compliance Achieved
INDEPENDENCE MOBILE HOME PARK	30	BUCHANAN	IA1000600	2003-02722	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	8/4/2003	NOV issued
	30	BUCHANAN	IA1000600	2003-01641	Sodium	28-Feb-03	Routine Major	MON	4/23/2003	AO w/ Penalty
IOWA CITY REHABILITATION & HEALTH CARE CENTER	128	JOHNSON	IA5200847	2003-01879	Sodium	31-Mar-03	Routine Major	MON	5/20/2003	Compliance Achieved
	128	JOHNSON	IA5200847	2003-01880	Arsenic	31-Mar-03	Routine Major	MON	5/20/2003	Compliance Achieved
	128	JOHNSON	IA5200847	2004-00746	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/1/2003	Compliance Achieved
IOWA CO PK-IOWA CONSERVATION	52	IOWA	IA4840959	2003-01924	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	4/26/2004	Compliance Achieved
	52	IOWA	IA4840959	2003-02187	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	4/26/2004	Compliance Achieved
	52	IOWA	IA4840959	2003-01963	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/13/2003	Compliance Achieved
	52	IOWA	IA4840959	2003-02111	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/13/2003	Compliance Achieved
	52	IOWA	IA4840959	2003-02112	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/13/2003	Compliance Achieved
IOWA ETHANOL LLC	40	WORTH	IA9830202	2004-01168	IAC - Construction and Operation without permits	31-Dec-03	Non-Reported Type	RPT	1/16/2004	AO w/ Penalty
IOWA FALLS EVANGELICAL FREE CHURCH	102	HARDIN	IA4260801	2004-01378	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	4/9/2004	AO w/ Penalty

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	102	HARDIN	IA4260801	2004-01379	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	4/9/2004	AO w/ Penalty
	102	HARDIN	IA4260801	2004-01380	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	4/9/2004	AO w/ Penalty
	102	HARDIN	IA4260801	2004-01381	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	4/9/2004	AO w/ Penalty
	102	HARDIN	IA4260801	2004-01382	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	4/9/2004	AO w/ Penalty
	102	HARDIN	IA4260801	2004-01383	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	4/9/2004	AO w/ Penalty
	102	HARDIN	IA4260801	2004-01384	Nitrite Nitrogen	30-Sep-03	Routine Major	MON	4/9/2004	AO w/ Penalty
IOWA MENNONITE SCHOOL	202	WASHINGTON	IA9233520	2004-01058	Arsenic	31-Dec-03	Routine Major	MON	2/9/2004	Compliance Achieved
IOWA SKATE U (Inactive System)	40	HARDIN	IA4260213	2003-01706	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	5/4/2004	Compliance Achieved
	40	HARDIN	IA4260213	2003-01749	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	5/4/2004	Compliance Achieved
	40	HARDIN	IA4260213	2003-02219	Nitrate Nitrogen	31-May-03	Check Major	MON	5/4/2004	Compliance Achieved
	40	HARDIN	IA4260213	2003-02468	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	5/4/2004	Compliance Achieved
IRA WATER ASSOCIATION	70	JASPER	IA5031301	2003-01614	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	3/20/2003	Compliance Achieved
IRETON WATER SUPPLY	585	SIOUX	IA8447098	2004-00792	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/8/2003	Compliance Achieved
Izaak Walton League-Davenport	50	SCOTT	IA8222801	2003-01721	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	4/28/2003	Compliance Achieved
J WOOD PARK	25	CLAYTON	IA2234441	2003-03130	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	10/1/2003	Compliance Achieved
	25	CLAYTON	IA2234441	2004-00104	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/1/2003	Compliance Achieved
JANESVILLE WATER SUPPLY	829	BREMER	IA0932001	2004-00654	IAC - Failure to submit monthly operation report	31-Dec-03	Non-Reported Type	RPT	12/3/2003	NOV issued
	829	BREMER	IA0932001	2004-01136	IAC - Failure to submit monthly operation report	31-Dec-03	Non-Reported Type	RPT	1/16/2004	NOV issued
	829	BREMER	IA0932001	2003-01873	Arsenic	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
	829	BREMER	IA0932001	2003-01874	Sodium	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	829	BREMER	IA0932001	2003-03000	Gross Alpha, excluding Radon & Uranium	30-Jun-03	Routine Major	MON	12/18/2003	Compliance Achieved
	829	BREMER	IA0932001	2003-03001	Radium 226 & Radium 228	30-Jun-03	Routine Major	MON	12/18/2003	Compliance Achieved
JERICO JOS	28	CHICKASAW	IA1951201	2003-01507	Coliform Bacteria, Total	31-Jan-03	Routine Major	MON	2/11/2003	Compliance Achieved
	28	CHICKASAW	IA1951201	2003-02271	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/15/2003	Compliance Achieved
	28	CHICKASAW	IA1951201	2003-02568	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/15/2003	Compliance Achieved
	28	CHICKASAW	IA1951201	2003-03105	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/2/2003	Compliance Achieved
	28	CHICKASAW	IA1951201	2004-00808	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	1/26/2004	Compliance Achieved
	28	CHICKASAW	IA1951201	2004-00999	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/26/2004	Compliance Achieved
JEWELS FOOD & SPIRITS INC	29	LINN	IA5786890	2003-02344	Nitrate Nitrogen	30-Jun-03	MCL, Single	MCL	1/15/2004	Compliance Achieved
JEWELS SKATE COUNTRY	104	WINNESHIEK	IA9630204	2003-03199	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	12/23/2003	BCA issued
	104	WINNESHIEK	IA9630204	2004-00637	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	11/24/2003	NOV issued
	104	WINNESHIEK	IA9630204	2004-00662	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	12/19/2003	NOV issued
JOHNNY B GOOD'S (Inactive System)	110	DUBUQUE	IA3130202	2003-01518	Nitrate Nitrogen	31-Jan-03	Routine Major	MON	5/5/2003	Compliance Achieved
	110	DUBUQUE	IA3130202	2003-01584	Nitrite Nitrogen	28-Feb-03	Check Major	MON	5/5/2003	Compliance Achieved
	110	DUBUQUE	IA3130202	2003-01615	Nitrate Nitrogen	28-Feb-03	Routine Major	MON	5/5/2003	Compliance Achieved
	110	DUBUQUE	IA3130202	2003-01808	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	5/5/2003	Compliance Achieved
	110	DUBUQUE	IA3130202	2003-01809	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	5/5/2003	Compliance Achieved
	110	DUBUQUE	IA3130202	2003-02143	Nitrate Nitrogen	30-Apr-03	Routine Major	MON	5/5/2003	Compliance Achieved
JOHNSTON MUNICIPAL WATER SUPPLY	8649	POLK	IA7740011	2004-00193	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/22/2003	Compliance Achieved
JOLLEY WATER SUPPLY	54	CALHOUN	IA1335001	2003-02239	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/10/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
K MART	875	FAYETTE	IA3353201	2003-01363	Coliform Bacteria, Total	31-Mar-03	MCL (TCR), Monthly	MCL	7/3/2003	Compliance Achieved
	875	FAYETTE	IA3353201	2003-01556	Coliform Bacteria, Total	31-Mar-03	MCL (TCR), Monthly	MCL	7/3/2003	Compliance Achieved
	875	FAYETTE	IA3353201	2003-01892	Coliform Bacteria, Total	30-Apr-03	MCL (TCR), Monthly	MCL	7/3/2003	Compliance Achieved
	875	FAYETTE	IA3353201	2003-01494	Nitrate Nitrogen	31-Jan-03	Routine Major	MON	2/3/2003	Compliance Achieved
	875	FAYETTE	IA3353201	2003-02245	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/3/2003	Compliance Achieved
	875	FAYETTE	IA3353201	2003-02270	Nitrate Nitrogen	31-May-03	Routine Major	MON	7/3/2003	Compliance Achieved
KAMMERER TRAILER COURT	97	MUSCATINE	IA7000686	2003-01551	Coliform Bacteria, Total	31-Mar-03	MCL (TCR), Monthly	MCL	9/9/2003	Compliance Achieved
KENDALL YOUNG PARK (Inactive System)	144	HAMILTON	IA4063403	2003-02170	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	9/2/2003	Compliance Achieved
	144	HAMILTON	IA4063403	2003-02204	Coliform Bacteria, Total	10-Jun-03	Repeat Major	MON	9/2/2003	Compliance Achieved
KINGDOM HALL	50	CLAYTON	IA2223871	2004-00103	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	11/4/2003	Compliance Achieved
KINZE MANUFACTURING INC	410	IOWA	IA4884101	2003-02347	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	1/14/2004	Compliance Achieved
	410	IOWA	IA4884101	2003-02728	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	1/14/2004	Compliance Achieved
KIRACOFE STATION	42	JOHNSON	IA5285204	2004-00887	Coliform Bacteria, Total	18-Dec-03	Repeat Major	MON	2/3/2004	Compliance Achieved
KIRON WATER SUPPLY	273	CRAWFORD	IA2432034	2003-03133	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/12/2003	Compliance Achieved
KNAPP MOBILE HOME COURT NO 4	87	DUBUQUE	IA3100602	2003-02460	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	6/3/2003	Compliance Achieved
KNIGHT LIGHT SUPPER CLUB	30	DUBUQUE	IA3130731	2003-03241	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	10/17/2003	NOV issued
	30	DUBUQUE	IA3130731	2004-00376	Coliform, Fecal	30-Sep-03	MCL (TCR), Acute	MCL	10/17/2003	NOV issued
KOCHIES	30	FAYETTE	IA3383202	2003-02303	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	2/3/2004	Compliance Achieved
	30	FAYETTE	IA3383202	2003-02340	Coliform, Fecal	30-Jun-03	MCL (TCR), Acute	MCL	2/3/2004	Compliance Achieved
	30	FAYETTE	IA3383202	2003-02683	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	2/3/2004	Compliance Achieved
	30	FAYETTE	IA3383202	2003-01829	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	5/13/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
KOCHS MEADOW LAKE CAMPGROUNDS	31	CEDAR	IA1600624	2004-00095	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	4/19/2004	Compliance Achieved
KOUNTRY SCHOOL LLC	76	CLAYTON	IA0375301	2004-00404	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	4/7/2004	AO w/ Penalty
	76	CLAYTON	IA0375301	2004-00079	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	76	CLAYTON	IA0375301	2004-00921	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	76	CLAYTON	IA0375301	2004-00962	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	4/7/2004	AO w/ Penalty
KRAUSS SERENE WOODEN ACRES	51	IOWA	IA4848601	2003-02756	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	2/23/2004	Compliance Achieved
KUM & GO STORE #23	111	POTTAWATTAMIE	IA7853100	2003-01567	Nitrate Nitrogen	28-Feb-03	Check Major	MON	3/26/2003	Compliance Achieved
L T TAP	25	CHICKASAW	IA1957201	2003-01908	Nitrate Nitrogen	31-May-03	MCL, Single	MCL	5/9/2003	NOV issued
LA PORTE GOLF COURSE	40	BLACK HAWK	IA0743888	2003-02332	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	1/31/2004	Compliance Achieved
	40	BLACK HAWK	IA0743888	2003-02716	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	1/31/2004	Compliance Achieved
	40	BLACK HAWK	IA0743888	2003-03074	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	10/7/2003	Compliance Achieved
LADORA WATER SUPPLY	287	IOWA	IA4840042	2003-02105	Radium 226 & Radium 228	31-Mar-03	Routine Major	MON	6/4/2003	Compliance Achieved
LAKE MACBRIDE STATE PARK-EAST	27	JOHNSON	IA5282941	2003-02356	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	1/12/2004	Compliance Achieved
LAKE PLACE	37	WRIGHT	IA9909203	2003-02169	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	3/9/2004	AO w/ Penalty
	37	WRIGHT	IA9909203	2003-02429	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	3/9/2004	AO w/ Penalty
	37	WRIGHT	IA9909203	2003-02615	Nitrite Nitrogen	30-Jun-03	Routine Major	MON	3/9/2004	AO w/ Penalty
	37	WRIGHT	IA9909203	2003-02616	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	3/9/2004	AO w/ Penalty
	37	WRIGHT	IA9909203	2003-03116	Nitrite Nitrogen	31-Aug-03	Check Major	MON	3/9/2004	AO w/ Penalty
	37	WRIGHT	IA9909203	2003-03117	Nitrate Nitrogen	31-Aug-03	Check Major	MON	3/9/2004	AO w/ Penalty
LAKESIDE GOLF	42	GREENE	IA3730886	2003-02550	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/21/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	42	GREENE	IA3730886	2004-00336	Nitrite Nitrogen	30-Sep-03	Routine Major	MON	10/21/2003	NOV issued
	42	GREENE	IA3730886	2004-00337	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/21/2003	NOV issued
LAKEVIEW HEIGHTS	252	POLK	IA7785301	2003-01897	Turbidity	02-May-03	Treatment Techniques (SWTR)	TT	9/30/2003	Compliance Achieved
	252	POLK	IA7785301	2004-01557	Surface Water Treatment Rule: Failure to maintain CT ratio	31-Jan-03	Non-Reported Type	V/E	8/31/2003	Compliance Achieved
	252	POLK	IA7785301	2004-01558	Surface Water Treatment Rule: Failure to maintain CT ratio	28-Feb-03	Non-Reported Type	V/E	8/31/2003	Compliance Achieved
LAKEVIEW KNOLLS HOMEOWNERS ASSN.	122	JOHNSON	IA5200304	2003-01543	Coliform Bacteria, Total	28-Feb-03	MCL (TCR), Monthly	MCL	8/4/2003	Compliance Achieved
LAMPLIGHT INN	25	MUSCATINE	IA7048732	2003-01052	Nitrate Nitrogen	31-Jan-03	MCL, Single	MCL	4/25/2003	Compliance Achieved
	25	MUSCATINE	IA7048732	2003-01552	Nitrate Nitrogen	31-Mar-03	MCL, Single	MCL	4/25/2003	Compliance Achieved
	25	MUSCATINE	IA7048732	2003-01609	Nitrate Nitrogen	28-Feb-03	Routine Major	MON	3/4/2003	Compliance Achieved
LANESBORO WATER WORKS	152	CARROLL	IA1449053	2003-01437	Coliform Bacteria, Total	31-Jan-03	Routine Major	MON	2/4/2003	Compliance Achieved
LAURENS WATER SUPPLY	1484	POCAHONTAS	IA7614063	2003-02323	Lead	30-Jun-03	AL, 90th Percentile	AL	7/3/2003	BCA issued
	1484	POCAHONTAS	IA7614063	2004-00994	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/22/2004	Compliance Achieved
LAWLER WATER SUPPLY	461	CHICKASAW	IA1957064	2004-01135	IAC - Failure to submit monthly operation report	31-Dec-03	Non-Reported Type	RPT	1/16/2004	NOV issued
LE GRAND WATER WORKS	883	MARSHALL	IA6457070	2004-00348	Methyl tert-Butyl Ether (MTBE)	30-Sep-03	Routine Major	MON	10/20/2003	NOV issued
LEHIGH CEMENT COMPANY	155	CERRO GORDO	IA1750196	2003-03227	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	9/26/2003	NOV issued
	155	CERRO GORDO	IA1750196	2004-00374	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	10/22/2003	NOV issued
	155	CERRO GORDO	IA1750196	2004-00638	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	12/1/2003	NOV issued
	155	CERRO GORDO	IA1750196	2004-00865	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	12/4/2003	BCA issued
LEMARS WATER DEPARTMENT	9242	PLYMOUTH	IA7540174	2003-03044	Copper	30-Sep-03	AL, 90th Percentile	AL	8/29/2003	BCA issued
LESTER WATER SUPPLY	251	LYON	IA6055077	2004-01377	Uranium, Combined	31-Dec-03	MCL, Average	MCL	5/12/2004	BCA issued

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	251	LYON	IA6055077	2004-01073	Uranium, Combined	31-Dec-03	Routine Major	MON	1/26/2004	Compliance Achieved
LETT'S UNITED METHODIST CHURCH	26	LOUISA	IA5847820	2003-01887	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	11/3/2003	Compliance Achieved
LEWIS AND CLARK STATE PARK	67	MONONA	IA6739949	2003-02484	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/23/2003	Compliance Achieved
	67	MONONA	IA6739949	2003-02553	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/23/2003	Compliance Achieved
LEWIS WATER SUPPLY	438	CASS	IA1535078	2003-02348	Nitrate Nitrogen	31-Aug-03	MCL, Single	MCL	2/29/2004	Compliance Achieved
LIDDERDALE WATER SUPPLY	186	CARROLL	IA1453080	2003-03211	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
LINN CREST HEIGHTS	40	LINN	IA5758301	2003-03149	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/22/2003	Compliance Achieved
LITTLE ANGELS CHILD CARE CENTER	29	JOHNSON	IA5285501	2004-00322	Copper	30-Sep-03	Routine Tap	MON	11/10/2003	BCA issued
	29	JOHNSON	IA5285501	2004-00323	Lead	30-Sep-03	Routine Tap	MON	11/10/2003	BCA issued
LOGAN-MISSOURI VALLEY COUNTRY CLUB	105	HARRISON	IA4337201	2004-00280	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/6/2003	Compliance Achieved
	105	HARRISON	IA4337201	2004-00281	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/6/2003	Compliance Achieved
LOHRVILLE WATER SUPPLY	431	CALHOUN	IA1389001	2003-02240	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/2/2003	Compliance Achieved
LONE TREE MUNI WATER SYSTEM	1151	JOHNSON	IA5240095	2004-01551	Copper	31-Dec-03	AL, 90th Percentile	AL	12/15/2003	BCA issued
LONG BEACH MOBILE PARK	74	CERRO GORDO	IA1700642	2004-01112	Copper	30-Jun-03	Non-Reported Type	MON	1/12/2004	Compliance Achieved
	74	CERRO GORDO	IA1700642	2004-01113	Lead	30-Jun-03	Non-Reported Type	MON	1/12/2004	Compliance Achieved
LONG BRANCH BAR & GRILL	27	HOWARD	IA4515202	2003-01775	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	4/7/2003	Compliance Achieved
	27	HOWARD	IA4515202	2003-01776	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	4/7/2003	Compliance Achieved
	27	HOWARD	IA4515202	2004-00279	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/29/2003	Compliance Achieved
LONG BRANCH MAINTENANCE CORP.	350	GUTHRIE	IA3900300	2004-00882	Fluoride	31-Dec-03	MCL, Average	MCL	1/13/2004	NOV issued
	350	GUTHRIE	IA3900300	2004-01583	Fluoride	31-Dec-03	Non-Reported Type	PN	4/13/2004	NOV issued
	350	GUTHRIE	IA3900300	2003-02902	Radium 226 & Radium 228	30-Jun-03	Routine Major	MON	9/10/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	350	GUTHRIE	IA3900300	2003-02903	Gross Alpha, excluding Radon & Uranium	30-Jun-03	Routine Major	MON	9/10/2003	Compliance Achieved
	350	GUTHRIE	IA3900300	2004-00616	Fluoride	31-Oct-03	Routine Major	MON	4/13/2004	NOV issued
	350	GUTHRIE	IA3900300	2004-00837	Fluoride	30-Nov-03	Routine Major	MON	4/13/2004	NOV issued
LONG BRANCH TAVERN	35	JACKSON	IA4955725	2004-00405	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
	35	JACKSON	IA4955725	2003-01710	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	11/21/2002	AG Case Referred
	35	JACKSON	IA4955725	2003-01747	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	11/21/2002	AG Case Referred
	35	JACKSON	IA4955725	2003-02218	Nitrate Nitrogen	31-May-03	Check Major	MON	11/21/2002	AG Case Referred
	35	JACKSON	IA4955725	2003-02472	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	11/21/2002	AG Case Referred
	35	JACKSON	IA4955725	2004-00144	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	11/21/2002	AG Case Referred
	35	JACKSON	IA4955725	2004-00940	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	11/21/2002	AG Case Referred
LORE MOBILE HOME PARK	125	DUBUQUE	IA3100601	2003-01854	Arsenic	31-Mar-03	Routine Major	MON	5/7/2003	Compliance Achieved
	125	DUBUQUE	IA3100601	2003-01855	Sodium	31-Mar-03	Routine Major	MON	5/7/2003	Compliance Achieved
LORE OAKS HOMEOWNERS ASSN.	71	DUBUQUE	IA3126306	2003-01838	Sodium	31-Mar-03	Routine Major	MON	4/28/2003	Compliance Achieved
	71	DUBUQUE	IA3126306	2003-01839	Arsenic	31-Mar-03	Routine Major	MON	4/28/2003	Compliance Achieved
LORIMOR WATER SUPPLY (Inactive System)	427	UNION	IA8834098	2004-00026	Copper	30-Sep-03	AL, 90th Percentile	AL	11/21/2003	Compliance Achieved
	427	UNION	IA8834098	2004-00027	Lead	30-Sep-03	AL, 90th Percentile	AL	11/21/2003	Compliance Achieved
	427	UNION	IA8834098	2003-01848	Sodium	31-Mar-03	Routine Major	MON	5/8/2003	Compliance Achieved
	427	UNION	IA8834098	2003-01849	Arsenic	31-Mar-03	Routine Major	MON	5/8/2003	Compliance Achieved
LOST CANYON MHP (PEOSTA)	97	DUBUQUE	IA3100608	2003-00975	Coliform Bacteria, Total	31-Jan-03	MCL (TCR), Monthly	MCL	11/19/2003	Compliance Achieved
	97	DUBUQUE	IA3100608	2003-00977	Coliform, Fecal	31-Jan-03	MCL (TCR), Acute	MCL	11/19/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
LOST ISLAND CORNER STORE AND CAFE	38	CLAY	IA7465202	2003-02210	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/14/2003	Compliance Achieved
LOWER DEER CREEK MENNONITE CHURCH	36	JOHNSON	IA9233803	2004-00013	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	4/12/2004	Compliance Achieved
	36	JOHNSON	IA9233803	2004-00446	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	4/12/2004	Compliance Achieved
LOYAL ORDER OF THE MOOSE LODGE/C RAPIDS	25	LINN	IA5715209	2004-00301	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	11/4/2003	Compliance Achieved
LOYAL ORDER OF THE MOOSE-IOWA FALLS	71	HARDIN	IA4260208	2003-01571	Nitrate Nitrogen	28-Feb-03	Check Major	MON	4/8/2003	Compliance Achieved
LYN-DEN HEIGHTS HOMEOWNERS ASSOC.	84	JOHNSON	IA5225301	2004-00462	Copper	30-Sep-03	Routine Tap	MON	11/18/2003	BCA issued
	84	JOHNSON	IA5225301	2004-00463	Lead	30-Sep-03	Routine Tap	MON	11/18/2003	BCA issued
	84	JOHNSON	IA5225301	2003-01844	Sodium	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
	84	JOHNSON	IA5225301	2003-01845	Arsenic	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
M AND W MOBILE HOME PARK	275	MUSCATINE	IA7000601	2003-01836	Sodium	31-Mar-03	Routine Major	MON	5/19/2003	Compliance Achieved
	275	MUSCATINE	IA7000601	2003-01837	Arsenic	31-Mar-03	Routine Major	MON	5/19/2003	Compliance Achieved
MAGGIES DINER	41	CLAYTON	IA2258201	2003-02110	Nitrate Nitrogen	30-Apr-03	Routine Major	MON	5/19/2003	Compliance Achieved
	41	CLAYTON	IA2258201	2004-00283	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/7/2003	Compliance Achieved
	41	CLAYTON	IA2258201	2004-00496	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/4/2003	Compliance Achieved
	41	CLAYTON	IA2258201	2004-00929	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/27/2004	Compliance Achieved
MAKEE MANOR	75	ALLAMAKEE	IA0300901	2004-01124	Lead	30-Sep-03	AL, 90th Percentile	AL	1/27/2004	NOV issued
	75	ALLAMAKEE	IA0300901	2003-01852	Arsenic	31-Mar-03	Routine Major	MON	5/19/2003	Compliance Achieved
	75	ALLAMAKEE	IA0300901	2003-01853	Sodium	31-Mar-03	Routine Major	MON	5/19/2003	Compliance Achieved
MANCHESTER GOLF CLUB INC	50	DELAWARE	IA2839898	2004-00440	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	11/17/2003	NOV issued
	50	DELAWARE	IA2839898	2003-01772	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	1/30/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
MANCHESTER LIVESTOCK AUCTION/COUNTRY CAF	123	DELAWARE	IA2839202	2003-01606	Nitrate Nitrogen	28-Feb-03	Routine Major	MON	5/14/2003	Compliance Achieved
	123	DELAWARE	IA2839202	2003-01703	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	7/7/2003	Compliance Achieved
	123	DELAWARE	IA2839202	2003-01736	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	7/7/2003	Compliance Achieved
	123	DELAWARE	IA2839202	2003-02045	Nitrate Nitrogen	30-Apr-03	Routine Major	MON	5/14/2003	Compliance Achieved
	123	DELAWARE	IA2839202	2003-02459	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/7/2003	Compliance Achieved
	123	DELAWARE	IA2839202	2004-00261	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/1/2003	Compliance Achieved
	123	DELAWARE	IA2839202	2004-00800	Nitrate Nitrogen	30-Nov-03	Routine Major	MON	12/1/2003	Compliance Achieved
MANNING WATER SUPPLY	1490	CARROLL	IA1457025	2004-00019	Coliform Bacteria, Total	31-Oct-03	MCL (TCR), Monthly	MCL	4/30/2004	Compliance Achieved
MAQUOKETA MUNICIPAL WATER	6112	JACKSON	IA4950029	2003-01656	Radium 226 & Radium 228	31-Mar-03	MCL, Average	MCL	5/7/2003	BCA issued
	6112	JACKSON	IA4950029	2003-01657	Radium 226 & Radium 228	31-Mar-03	MCL, Average	MCL	5/7/2003	BCA issued
	6112	JACKSON	IA4950029	2003-01913	Radium 226 & Radium 228	30-Jun-03	MCL, Average	MCL	5/7/2003	BCA issued
	6112	JACKSON	IA4950029	2003-01914	Radium 226 & Radium 228	30-Jun-03	MCL, Average	MCL	5/7/2003	BCA issued
	6112	JACKSON	IA4950029	2004-00442	Radium 226 & Radium 228	30-Sep-03	MCL, Average	MCL	11/20/2003	BCA issued
	6112	JACKSON	IA4950029	2004-00443	Radium 226 & Radium 228	30-Sep-03	MCL, Average	MCL	11/20/2003	BCA issued
	6112	JACKSON	IA4950029	2004-00444	Radium 226 & Radium 228	30-Sep-03	MCL, Average	MCL	11/20/2003	BCA issued
	6112	JACKSON	IA4950029	2004-00861	Radium 226 & Radium 228	31-Dec-03	MCL, Average	MCL	11/20/2003	BCA issued
	6112	JACKSON	IA4950029	2004-00862	Radium 226 & Radium 228	31-Dec-03	MCL, Average	MCL	11/20/2003	BCA issued
MARBLE ROCK WATER SUPPLY	326	FLOYD	IA3420031	2003-02247	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/9/2003	Compliance Achieved
MARENGO GOLF CLUB	35	IOWA	IA4843897	2003-03202	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	9/18/2003	NOV issued
	35	IOWA	IA4843897	2003-02786	Coliform Bacteria, Total	31-Jul-03	Routine Major	MON	9/15/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
MARION MUNICIPAL WATER DEPT	25984	LINN	IA5751035	2004-00016	Coliform Bacteria, Total	31-Oct-03	MCL (TCR), Monthly	MCL	5/4/2004	Compliance Achieved
	25984	LINN	IA5751035	2003-02850	Total Trihalomethanes	31-Jul-03	Routine Major	MON	9/9/2003	Compliance Achieved
MARTIN MARIETTA AGGREGATES	33	HARDIN	IA4260102	2004-00035	Lead	30-Sep-03	AL, 90th Percentile	AL	12/2/2003	BCA issued
MASON CITY WATER DEPARTMENT	29172	CERRO GORDO	IA1750048	2003-01329	Coliform Bacteria, Total	31-Jan-03	MCL (TCR), Monthly	MCL	12/16/2003	Compliance Achieved
	29172	CERRO GORDO	IA1750048	2004-01153	Radium 226 & Radium 228	31-Mar-03	Non-Reported Type	PN	2/2/2004	State NOV
	29172	CERRO GORDO	IA1750048	2004-01154	Radium 226 & Radium 228	30-Jun-03	Non-Reported Type	PN		State NOV
	29172	CERRO GORDO	IA1750048	2004-01157	Radium 226 & Radium 228	30-Sep-03	Non-Reported Type	PN	2/2/2004	NOV issued
	29172	CERRO GORDO	IA1750048	2004-01158	Radium 226 & Radium 228	31-Dec-03	Non-Reported Type	PN	2/2/2004	NOV issued
	29172	CERRO GORDO	IA1750048	2003-03129	Total Trihalomethanes	31-Aug-03	Routine Major	MON	9/26/2003	Compliance Achieved
	29172	CERRO GORDO	IA1750048	2004-01142	Consumer Confidence Report	31-Jul-03	CCR	RPT	1/30/2004	State NOV
MATSELL BRIDGE A	150	LINN	IA5720914	2003-02742	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	8/22/2003	NOV issued
	150	LINN	IA5720914	2004-00445	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	11/19/2003	NOV issued
	150	LINN	IA5720914	2004-00913	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/8/2004	Compliance Achieved
MAXWELL WATER DEPARTMENT	807	STORY	IA8557058	2003-01722	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	4/22/2003	Compliance Achieved
MAYSVILLE MUNICIPAL WATER DEPT	163	SCOTT	IA8255060	2003-02496	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/16/2003	Compliance Achieved
MCWHIRTER CHEVROLET	30	HENRY	IA4453202	2003-03004	Coliform Bacteria, Total	31-Jul-03	Routine Major	MON	9/8/2003	Compliance Achieved
MEADOW KNOLLS ADDITION	59	LINN	IA5751301	2003-01748	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	4/15/2003	Compliance Achieved
MEADOW MIST MOTEL	25	FAYETTE	IA3353718	2004-00406	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	12/11/2003	Compliance Achieved
	25	FAYETTE	IA3353718	2003-02465	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	12/11/2003	Compliance Achieved
	25	FAYETTE	IA3353718	2004-00130	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	12/11/2003	Compliance Achieved
MECHA-CEBA SUBDIVISION	75	MUSCATINE	IA7000617	2004-01105	Copper	30-Sep-03	Routine Tap	MON	1/16/2004	BCA issued

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	75	MUSCATINE	IA7000617	2004-01106	Lead	30-Sep-03	Routine Tap	MON	1/16/2004	BCA issued
MELBOURNE VILLA MOBILE HOME PARK (Inactive System)	25	MARSHALL	IA6471301	2003-03214	Consumer Confidence Report	31-Jul-03	CCR	RPT		State NOV
	25	MARSHALL	IA6471301	2004-00812	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	2/2/2004	Compliance Achieved
MELSHA TAP INC	25	JOHNSON	IA5285203	2004-00419	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
MERRILL MUNICIPAL WATER SUPPLY	754	PLYMOUTH	IA7548072	2003-01862	Sodium	31-Mar-03	Routine Major	MON	5/29/2003	Compliance Achieved
	754	PLYMOUTH	IA7548072	2003-01863	Arsenic	31-Mar-03	Routine Major	MON	5/29/2003	Compliance Achieved
MIDWAY TRAVEL PLAZA	708	CLINTON	IA2391202	2004-00307	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	12/2/2003	Compliance Achieved
	708	CLINTON	IA2391202	2004-00308	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	12/2/2003	Compliance Achieved
MIDWAY WATER AND LIGHTING	72	LINN	IA5784302	2004-01807	Copper	30-Sep-03	Routine Tap	MON	4/27/2004	NOV issued
	72	LINN	IA5784302	2004-01808	Lead	30-Sep-03	Routine Tap	MON	4/27/2004	NOV issued
	72	LINN	IA5784302	2003-01666	Radium 226 & Radium 228	31-Mar-03	Check Major	MON	6/19/2003	AO w/ Penalty
	72	LINN	IA5784302	2003-01667	Gross Alpha, excluding Radon & Uranium	31-Mar-03	Check Major	MON	6/19/2003	AO w/ Penalty
	72	LINN	IA5784302	2003-01728	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	6/19/2003	AO w/ Penalty
	72	LINN	IA5784302	2003-01978	Dalapon	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01979	Di(2-ethylhexyl)adipate	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01980	Simazine	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01981	Di(2-ethylhexyl)phthalate	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01982	Picloram	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01983	Dinoseb	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01984	Atrazine	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01985	Alachlor (Lasso)	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01986	2,4-D	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01987	2,4,5-TP (Silvex)	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01988	Benzo(a)pyrene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01989	Pentachlorophenol	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01990	Dichloromethane	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
72	LINN	IA5784302	2003-01991	o-Dichlorobenzene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued	

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	72	LINN	IA5784302	2003-01992	p-Dichlorobenzene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01993	Vinyl chloride	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01994	1,1-Dichloroethylene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
MIDWAY WATER AND LIGHTING, continued	72	LINN	IA5784302	2003-01995	trans-1,2-Dichloroethylene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01996	1,2-Dichloroethane	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01997	1,1,1-Trichloroethane	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01998	Carbon tetrachloride	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-01999	1,2-Dichloropropane	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02000	Trichloroethylene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02001	1,1,2-Trichloroethane	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02002	Tetrachloroethylene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02003	Monochlorobenzene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02004	Benzene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02005	Toluene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02006	Ethylbenzene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02007	Styrene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02008	1,2,4-Trichlorobenzene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02009	cis-1,2-Dichloroethylene	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02010	Xylenes	31-Mar-03	Routine Major	MON	5/28/2003	NOV issued
	72	LINN	IA5784302	2003-02211	Nitrate Nitrogen	31-May-03	Check Major	MON	6/24/2003	NOV issued
	72	LINN	IA5784302	2003-02382	Dichloromethane	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02383	o-Dichlorobenzene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02384	p-Dichlorobenzene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02385	Vinyl chloride	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02386	1,1-Dichloroethylene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02387	trans-1,2-Dichloroethylene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02388	1,2-Dichloroethane	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02389	1,1,1-Trichloroethane	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02390	Carbon Tetrachloride	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02391	1,2-Dichloropropane	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02392	Trichloroethylene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02393	1,1,2-Trichloroethane	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02394	Tetrachloroethylene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02395	Monochlorobenzene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued

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MIDWAY WATER AND LIGHTING, continued	72	LINN	IA5784302	2003-02396	Benzene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02397	Toluene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02398	Ethylbenzene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02399	Styrene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02400	1,2,4-Trichlorobenzene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02401	cis-1,2-Dichloroethylene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02402	Xylenes	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02403	Dalapon	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02404	Di(2-ethylhexyl)adipate	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02405	Simazine	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02406	Di(2-ethylhexyl)phthalate	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02407	Picloram	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02408	Dinoseb	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02409	Atrazine	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02410	Alachlor (Lasso)	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02411	2,4-D	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02412	2,4,5-TP (Silvex)	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02413	Benzo(a)pyrene	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2003-02414	Pentachlorophenol	30-Jun-03	Check Major	MON	7/17/2003	NOV issued
	72	LINN	IA5784302	2004-00759	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	1/30/2004	Compliance Achieved
72	LINN	IA5784302	2004-01810	Radium 226 & Radium 228	30-Sep-03	Routine Major	MON	4/28/2004	NOV issued	
72	LINN	IA5784302	2004-01811	Gross Alpha, excluding Radon & Uranium	30-Sep-03	Routine Major	MON	4/28/2004	NOV issued	
72	LINN	IA5784302	2004-01812	Sodium	30-Sep-03	Routine Major	MON	4/28/2004	NOV issued	
72	LINN	IA5784302	2004-01813	Arsenic	30-Sep-03	Routine Major	MON	4/28/2004	NOV issued	
MIKES SALOON	240	PLYMOUTH	IA7528801	2003-01375	Coliform Bacteria, Total	31-Jan-03	Routine Major	MON	3/21/2003	Compliance Achieved
MILLERSBURG WATER DEPT	184	IOWA	IA4852082	2004-00502	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/18/2003	Compliance Achieved
MILLVILLE STEAKHOUSE	38	CLAYTON	IA2242786	2003-01739	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	5/5/2003	Compliance Achieved
	38	CLAYTON	IA2242786	2003-02452	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	9/8/2003	Compliance Achieved
MINEOLA STEAK HOUSE	102	MILLS	IA6549201	2004-01048	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/27/2004	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
MITCHELL TOWN PUMP	102	MITCHELL	IA6642773	2004-01365	IAC - Failure to submit monthly operation report	30-Apr-03	Non-Reported Type	RPT	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01341	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01342	Coliform Bacteria, Total	31-May-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01343	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01344	Coliform Bacteria, Total	31-Jul-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01345	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01346	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01347	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01348	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01349	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01354	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01355	Nitrate Nitrogen	30-Nov-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01356	Nitrate Nitrogen	31-Oct-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01357	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01358	Nitrate Nitrogen	31-Aug-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	102	MITCHELL	IA6642773	2004-01359	Nitrate Nitrogen	31-Jul-03	Routine Major	MON	4/7/2004	AO w/ Penalty
	MODERN MANOR, INC	915	JOHNSON	IA5225601	2004-00155	Copper	30-Sep-03	Routine Tap	MON	11/10/2003
915		JOHNSON	IA5225601	2004-00156	Lead	30-Sep-03	Routine Tap	MON	11/10/2003	BCA issued
MONMOUTH WATER SUPPLY	180	JACKSON	IA4955001	2003-03246	IAC - Certified Operator	30-Sep-03	Non-Reported Type	STA	4/30/2004	Compliance Achieved
MONROE WATER SUPPLY	1808	JASPER	IA5054096	2003-02141	Gross Alpha, excluding Radon & Uranium	31-Mar-03	Routine Major	MON	4/15/2003	Compliance Achieved
	1808	JASPER	IA5054096	2003-02142	Radium 226 & Radium 228	31-Mar-03	Routine Major	MON	4/15/2003	Compliance Achieved
MONTI-VIEW MOBILE HOME PARK	75	JONES	IA5300688	2003-02096	Radium 226 & Radium 228	31-Mar-03	Routine Major	MON	6/4/2003	Compliance Achieved
	75	JONES	IA5300688	2004-00943	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/5/2004	Compliance Achieved
MONTROSE WATER WORKS	957	LEE	IA5650003	2003-01969	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/13/2003	Compliance Achieved
MOONSHINE TAP	40	CHICKASAW	IA1974222	2003-03221	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	9/29/2003	NOV issued
	40	CHICKASAW	IA1974222	2004-00401	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	10/31/2003	NOV issued
	40	CHICKASAW	IA1974222	2004-00673	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	5/10/2004	NOV issued

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MOVILLE WATER SUPPLY	1583	WOODBURY	IA9753022	2003-01342	Nitrate Nitrogen	31-Jan-03	MCL, Single	MCL	2/1/2003	Compliance Achieved
MR ZS CAFE	34	CHICKASAW	IA1911204	2003-01331	Coliform Bacteria, Total	31-Mar-03	MCL (TCR), Monthly	MCL	2/12/2003	BCA issued
	34	CHICKASAW	IA1911204	2003-01902	Coliform Bacteria, Total	30-Apr-03	Non-Reported Type	V/E	5/7/2003	NOV issued
	34	CHICKASAW	IA1911204	2003-02278	Coliform Bacteria, Total	31-May-03	Routine Major	MON	1/13/2004	Compliance Achieved
	34	CHICKASAW	IA1911204	2003-02602	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/9/2003	Compliance Achieved
	34	CHICKASAW	IA1911204	2003-03175	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	1/13/2004	Compliance Achieved
	34	CHICKASAW	IA1911204	2004-00596	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	1/13/2004	Compliance Achieved
MT JOY MOBILE HOME PARK	173	SCOTT	IA8222603	2004-00371	Arsenic	30-Sep-03	Routine Major	MON	10/1/2003	Compliance Achieved
	173	SCOTT	IA8222603	2004-00789	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/29/2003	Compliance Achieved
NASHUA WATER SUPPLY	1618	CHICKASAW	IA1967041	2003-02912	Gross Alpha, excluding Radon & Uranium	30-Jun-03	Routine Major	MON	9/16/2003	Compliance Achieved
	1618	CHICKASAW	IA1967041	2003-02913	Radium 226 & Radium 228	30-Jun-03	Routine Major	MON	9/16/2003	Compliance Achieved
NATURAL GAS PIPELINE STATION # 204	25	LOUISA	IA5815854	2003-01338	Coliform Bacteria, Total	31-Mar-03	MCL (TCR), Monthly	MCL	7/8/2003	Compliance Achieved
	25	LOUISA	IA5815854	2004-00022	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	1/15/2004	Compliance Achieved
NAVAL RESERVE CENTER	35	DUBUQUE	IA3126902	2004-00407	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	4/29/2004	Compliance Achieved
NELLIES CAFE	32	WORTH	IA9835201	2004-01034	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	12/30/2002	BCA issued
NEW WINE PARK	83	DUBUQUE	IA3126940	2003-01943	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	6/11/2003	Compliance Achieved
NEWTON WATER SUPPLY	15579	JASPER	IA5059064	2003-01054	Coliform Bacteria, Total	31-Jan-03	MCL (TCR), Monthly	MCL	7/22/2003	Compliance Achieved
NOB HILL SUPPER CLUB	65	WINNESHIEK	IA9630780	2004-00320	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/14/2003	Compliance Achieved
NORTH CEDAR PARK	25	BREMER	IA0975914	2003-01930	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	5/19/2003	NOV issued
NORTH CORALVILLE LAKE MANOR	64	JOHNSON	IA5200889	2003-01593	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	3/31/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
NORTH WINNESHIEK COM. SCHOOL	276	WINNESHIEK	IA9630530	2004-01065	Arsenic	31-Dec-03	Routine Major	MON	2/3/2004	Compliance Achieved
NORTH WOODS PARK	31	BREMER	IA0975901	2003-02443	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/17/2003	NOV issued
NORTHEAST COMMUNITY HIGH SCHOOL	825	CLINTON	IA2339574	2004-01406	Copper	30-Sep-03	Routine Tap	MON	3/12/2004	BCA issued
	825	CLINTON	IA2339574	2004-01407	Lead	30-Sep-03	Routine Tap	MON	3/12/2004	BCA issued
NORTHWOOD COUNTRY CLUB	42	WORTH	IA9855201	2003-02507	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	9/23/2003	Compliance Achieved
	42	WORTH	IA9855201	2003-02523	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	9/23/2003	Compliance Achieved
	42	WORTH	IA9855201	2003-03093	Nitrate Nitrogen	31-Aug-03	Check Major	MON	9/23/2003	Compliance Achieved
NORTHWOOD ESTATES WATER SYSTEM	105	MUSCATINE	IA7000665	2004-00663	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	12/18/2003	NOV issued
NORWALK WATER SUPPLY	6884	WARREN	IA9164078	2003-02693	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	4/13/2004	Compliance Achieved
	6884	WARREN	IA9164078	2004-00509	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/13/2003	Compliance Achieved
OAKDALE HOSPITAL WATER SYSTEM	450	JOHNSON	IA5200982	2003-02701	Copper	30-Jun-03	AL, 90th Percentile	AL	7/25/2003	BCA issued
	450	JOHNSON	IA5200982	2004-00881	Copper	31-Dec-03	AL, 90th Percentile	AL	1/13/2004	BCA issued
OAKWOOD PARK WATER ASSOCIATION	25	CERRO GORDO	IA1700352	2003-01360	Arsenic	31-Mar-03	MCL, Single	MCL	10/25/2001	BCA issued
	25	CERRO GORDO	IA1700352	2003-01891	Arsenic	30-Jun-03	MCL, Average	MCL	10/25/2001	BCA issued
	25	CERRO GORDO	IA1700352	2003-02703	Arsenic	30-Sep-03	MCL, Single	MCL	10/25/2001	BCA issued
	25	CERRO GORDO	IA1700352	2004-00397	Arsenic	31-Dec-03	MCL, Average	MCL	10/25/2001	BCA issued
ODEBOLT WATER SUPPLY	1158	SAC	IA8144087	2001-01297	Radium 226 & Radium 228	31-Dec-03	MCL, Single	MCL	12/11/2001	Compliance Achieved
OLSENS WATER SYSTEM	60	HAMILTON	IA4003211	2003-01705	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	11/6/2003	Compliance Achieved
	60	HAMILTON	IA4003211	2003-01734	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	11/6/2003	Compliance Achieved
ONAWA COUNTRY CLUB	50	MONONA	IA6739770	2003-02483	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/28/2003	Compliance Achieved
	50	MONONA	IA6739770	2003-02588	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/28/2003	Compliance Achieved
ORCHARD HEIGHTS SUBDIVISION	25	JOHNSON	IA5285303	2003-03048	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	3/31/2004	Compliance Achieved
	25	JOHNSON	IA5285303	2003-03243	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	3/31/2004	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
OSCEOLA WATER WORKS	4659	CLARKE	IA2038038	2003-02753	Copper	30-Sep-03	AL, 90th Percentile	AL	1/12/2004	Compliance Achieved
	4659	CLARKE	IA2038038	2003-02754	Lead	30-Sep-03	AL, 90th Percentile	AL	1/12/2004	Compliance Achieved
OSTERDOCK STORE	26	CLAYTON	IA2242203	2003-02337	IAC - Failure to submit monthly operation report and maintain disinfection residual	30-Jun-03	Non-Reported Type	V/E	4/30/2004	Compliance Achieved
	26	CLAYTON	IA2242203	2003-03166	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/29/2003	Compliance Achieved
OTO WATER SUPPLY	145	WOODBURY	IA9758023	2003-02529	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	8/11/2003	Compliance Achieved
OTTUMWA WATER WORKS	24998	WAPELLO	IA9083012	2003-01352	Coliform Bacteria, Total	31-Jan-03	MCL (TCR), Monthly	MCL	7/17/2003	Compliance Achieved
	24998	WAPELLO	IA9083012	2003-01357	Coliform, Fecal	31-Jan-03	MCL (TCR), Acute	MCL	7/17/2003	Compliance Achieved
OWASA TAP	27	HARDIN	IA4213203	2003-02628	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	3/9/2004	AO w/ Penalty
	27	HARDIN	IA4213203	2003-02629	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	3/9/2004	AO w/ Penalty
	27	HARDIN	IA4213203	2003-02630	Nitrite Nitrogen	30-Jun-03	Routine Major	MON	3/9/2004	AO w/ Penalty
	27	HARDIN	IA4213203	2003-03123	Nitrite Nitrogen	31-Aug-03	Check Major	MON	3/9/2004	AO w/ Penalty
	27	HARDIN	IA4213203	2003-03124	Nitrate Nitrogen	31-Aug-03	Check Major	MON	3/9/2004	AO w/ Penalty
	27	HARDIN	IA4213203	2004-00330	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	3/9/2004	AO w/ Penalty
	27	HARDIN	IA4213203	2004-01035	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/9/2004	AO w/ Penalty
PALO COMMUNITY CENTER	38	LINN	IA5765001	2003-03167	Nitrate Nitrogen	31-Aug-03	Routine Major	MON	9/10/2003	Compliance Achieved
PALO SAVINGS BANK	70	LINN	IA5765204	2004-00593	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	10/23/2003	Compliance Achieved
PARADISE VALLEY CAMPGROUND	55	CLAYTON	IA2234601	2003-02451	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	8/20/2003	Compliance Achieved
	55	CLAYTON	IA2234601	2003-02564	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	8/20/2003	Compliance Achieved
PARK VIEW MOTEL	27	FAYETTE	IA3353719	2004-00408	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	12/31/2003	Compliance Achieved
	27	FAYETTE	IA3353719	2003-01731	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	3/19/2003	AG Case Referred
	27	FAYETTE	IA3353719	2003-02466	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	1/2/2004	Compliance Achieved
	27	FAYETTE	IA3353719	2003-02515	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	1/2/2004	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	27	FAYETTE	IA3353719	2003-02516	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	1/2/2004	Compliance Achieved
	27	FAYETTE	IA3353719	2004-00256	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	3/3/2003	Compliance Achieved
	27	FAYETTE	IA3353719	2004-00257	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	3/3/2003	Compliance Achieved
PARK VIEW WATER CO.	2500	SCOTT	IA8200855	2003-02145	Arsenic	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
	2500	SCOTT	IA8200855	2003-02146	Barium	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
	2500	SCOTT	IA8200855	2003-02147	Cadmium	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
	2500	SCOTT	IA8200855	2003-02148	Chromium	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
	2500	SCOTT	IA8200855	2003-02149	Fluoride	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
	2500	SCOTT	IA8200855	2003-02150	Mercury	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
	2500	SCOTT	IA8200855	2003-02151	Antimony	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
	2500	SCOTT	IA8200855	2003-02152	Thallium	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
	2500	SCOTT	IA8200855	2003-02153	Selenium	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
PATHWAY CHRISTIAN SCHOOL	102	WASHINGTON	IA9233501	2004-00230	Copper	30-Sep-03	Routine Tap	MON	11/4/2003	BCA issued
	102	WASHINGTON	IA9233501	2004-00231	Lead	30-Sep-03	Routine Tap	MON	11/4/2003	BCA issued
PEOSTA WATER SUPPLY	651	DUBUQUE	IA3170001	2003-03138	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/4/2003	Compliance Achieved
PICTURED ROCKS METHODIST CAMP	29	JONES	IA5343413	2003-03162	Nitrate Nitrogen	31-Aug-03	Routine Major	MON	9/29/2003	Compliance Achieved
PINE CREEK GOLF COURSE	55	CERRO GORDO	IA1750816	2003-02533	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	2/11/2002	BCA issued
	55	CERRO GORDO	IA1750816	2003-03096	Nitrate Nitrogen	31-Aug-03	Check Major	MON	2/11/2002	BCA issued
PINICON RIDGE C	150	LINN	IA5720907	2003-02365	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	2/17/2003	Compliance Achieved
	150	LINN	IA5720907	2004-00287	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/7/2003	Compliance Achieved
	150	LINN	IA5720907	2004-00288	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/7/2003	Compliance Achieved
PINICON RIDGE CAMPGROUNDS	150	LINN	IA5720905	2004-00286	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	7/10/2003	Compliance Achieved

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PINTS SUBDIVISION	87	BUCHANAN	IA1037301	2004-00805	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	2/5/2004	Compliance Achieved
PIONEER HI-BRED DURANT PLANT	63	CEDAR	IA1636101	2004-01070	Arsenic	31-Dec-03	Routine Major	MON	2/9/2004	Compliance Achieved
PLA-MOR BOWL OF IOWA FALLS, INC.	173	HARDIN	IA4260210	2003-01569	Nitrate Nitrogen	28-Feb-03	Check Major	MON	9/30/2003	Compliance Achieved
PLANTATION VILLAGE MHP	49	DES MOINES	IA2900600	2004-00117	Copper	30-Sep-03	Routine Tap	MON	2/27/2004	BCA issued
	49	DES MOINES	IA2900600	2004-00118	Lead	30-Sep-03	Routine Tap	MON	2/27/2004	BCA issued
	49	DES MOINES	IA2900600	2004-00420	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	7/21/2003	AG Case Referred
	49	DES MOINES	IA2900600	2003-01754	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	2/27/2004	Compliance Achieved
	49	DES MOINES	IA2900600	2003-02220	Nitrate Nitrogen	31-May-03	Check Major	MON	2/27/2004	Compliance Achieved
	49	DES MOINES	IA2900600	2003-03217	Consumer Confidence Report	31-Jul-03	Consumer Confidence Report (CCR)	RPT		State NOV
PLEASANT CREEK ESTATES - PALO	25	LINN	IA5765302	2004-00818	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	12/19/2003	NOV issued
	25	LINN	IA5765302	2004-00855	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/19/2003	NOV issued
	25	LINN	IA5765302	2004-01014	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/16/2004	NOV issued
	25	LINN	IA5765302	2004-01015	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/16/2004	NOV issued
	25	LINN	IA5765302	2004-01016	Nitrite Nitrogen	31-Dec-03	Routine Major	MON	1/16/2004	NOV issued
PLEASANT CREEK ST REC AREA- NORTH	1000	LINN	IA5765401	2003-03150	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/24/2003	Compliance Achieved
PLEASANT CREEK ST REC AREA- SOUTH	503	LINN	IA5765403	2003-03151	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/24/2003	Compliance Achieved
PLEASANT HILL WATER DEPARTMENT	5070	POLK	IA7767092	2003-03215	Consumer Confidence Report	31-Jul-03	Consumer Confidence Report (CCR)	RPT		State NOV
PLOVER WATER SUPPLY	95	POCAHONTAS	IA7628047	2004-00341	Arsenic	30-Sep-03	Routine Major	MON	11/3/2003	Compliance Achieved
POMEROY WATER SUPPLY	710	CALHOUN	IA1363051	2004-00852	Copper	30-Jun-03	AL, 90th Percentile	AL	12/16/2003	BCA issued
	710	CALHOUN	IA1363051	2004-00879	Copper	31-Dec-03	AL, 90th Percentile	AL	12/16/2003	BCA issued
PONY CREEK PARK	28	MILLS	IA6525979	2003-01948	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	7/15/2003	Compliance Achieved
	28	MILLS	IA6525979	2003-02256	Coliform Bacteria, Total	31-May-03	Routine Major	MON	7/15/2003	Compliance Achieved

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POWESHIEK WATER ASSOCIATION (CR)	675	BENTON	IA5715702	2003-02709	Lead	30-Jun-03	AL, 90th Percentile	AL	9/8/2003	BCA issued
PRAIRIE HILLS	45	WOODBURY	IA9700901	2004-00986	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	4/21/2004	Compliance Achieved
	45	WOODBURY	IA9700901	2004-01068	Arsenic	31-Dec-03	Routine Major	MON	4/21/2004	Compliance Achieved
QUIMBY WATER SUPPLY	368	CHEROKEE	IA1855066	2004-00495	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/3/2003	Compliance Achieved
R JS STATION	31	JONES	IA5377727	2003-03065	Nitrate Nitrogen	30-Sep-03	MCL, Single	MCL	4/26/2004	Compliance Achieved
	31	JONES	IA5377727	2003-03169	Nitrate Nitrogen	31-Aug-03	Routine Major	MON	9/9/2003	Compliance Achieved
RACERS BAR & GRILL	105	KOSSUTH	IA5502203	2004-00429	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	5/4/2004	AO w/ Penalty
	105	KOSSUTH	IA5502203	2003-01802	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	4/14/2003	Compliance Achieved
	105	KOSSUTH	IA5502203	2004-00319	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	1/13/2004	Compliance Achieved
	105	KOSSUTH	IA5502203	2004-01019	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/13/2004	Compliance Achieved
RANCH SUPPER CLUB	66	JOHNSON	IA5285722	2003-01330	Coliform Bacteria, Total	31-Mar-03	MCL (TCR), Monthly	MCL	9/30/2003	Compliance Achieved
	66	JOHNSON	IA5285722	2004-00421	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
	66	JOHNSON	IA5285722	2003-01373	Coliform Bacteria, Total	31-Jan-03	Repeat Major	MON	3/4/2003	Compliance Achieved
	66	JOHNSON	IA5285722	2004-00942	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/14/2004	Compliance Achieved
RANCHO VALLEY HOMEOWNERS ASSOC	65	MUSCATINE	IA7038800	2004-01235	Radium 226 & Radium 228	31-Dec-03	Routine Major	MON	1/6/2004	Compliance Achieved
	65	MUSCATINE	IA7038800	2004-01236	Gross Alpha, excluding Radon & Uranium	31-Dec-03	Routine Major	MON	1/6/2004	Compliance Achieved
	65	MUSCATINE	IA7038800	2004-01287	Radium 226 & Radium 228	31-Dec-03	Routine Major	MON	1/6/2004	Compliance Achieved
	65	MUSCATINE	IA7038800	2004-01288	Gross Alpha, excluding Radon & Uranium	31-Dec-03	Routine Major	MON	1/6/2004	Compliance Achieved
RAYBURN COURT FOR MOBILE HOMES	36	CERRO GORDO	IA1700628	2003-01572	Nitrate Nitrogen	28-Feb-03	Check Major	MON	8/11/2003	Compliance Achieved
	36	CERRO GORDO	IA1700628	2003-01861	Arsenic	31-Mar-03	Routine Major	MON	8/11/2003	Compliance Achieved

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	36	CERRO GORDO	IA1700628	2003-02655	Arsenic	30-Jun-03	Routine Major	MON	8/11/2003	Compliance Achieved
RED MAN INN	27	MITCHELL	IA6634201	2004-00278	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	12/29/2003	Compliance Achieved
REDS TALLEYRAND	49	KEOKUK	IA5440201	2003-01582	Nitrate Nitrogen	28-Feb-03	Check Major	MON	3/31/2003	Compliance Achieved
REMBRANDT WATER SUPPLY	228	BUENA VISTA	IA1170078	2004-00349	Arsenic	30-Sep-03	Routine Major	MON	12/22/2003	Compliance Achieved
REMSEN MUNICIPAL UTILITIES	1762	PLYMOUTH	IA7568079	2003-02758	Copper	30-Sep-03	AL, 90th Percentile	AL	8/11/2003	BCA issued
REVELLE 1ST & 2ND SUBDIVISION	54	SCOTT	IA8215396	2004-00549	Radium 226 & Radium 228	30-Sep-03	Routine Major	MON	1/20/2004	Compliance Achieved
	54	SCOTT	IA8215396	2004-00983	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/20/2004	Compliance Achieved
RINARD WATER SUPPLY	72	CALHOUN	IA1374086	2003-01762	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	4/21/2003	Compliance Achieved
ROADSIDE RENDEZVOUS	30	HOWARD	IA4525781	2003-02470	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	8/8/2003	Compliance Achieved
	30	HOWARD	IA4525781	2004-00140	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	8/8/2003	Compliance Achieved
ROCK CREEK MARINA & CAMPGROUND	52	CLINTON	IA2322446	2003-02779	Coliform Bacteria, Total	04-Aug-03	Repeat Major	MON	9/2/2003	Compliance Achieved
ROCK FALLS LOUNGE	26	CERRO GORDO	IA1769767	2003-02555	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	4/30/2004	Compliance Achieved
	26	CERRO GORDO	IA1769767	2003-03102	Nitrate Nitrogen	31-Aug-03	Check Major	MON	4/30/2004	Compliance Achieved
ROCKY KNOLL MHP	65	WINNEBAGO	IA9525601	2003-03209	Consumer Confidence Report	31-Jul-03	Consumer Confidence Report (CCR)	RPT	1/28/2004	Compliance Achieved
	65	WINNEBAGO	IA9525601	2004-00512	Radium 226 & Radium 228	30-Sep-03	Routine Major	MON	2/10/1999	Compliance Achieved
	65	WINNEBAGO	IA9525601	2004-00894	Radium 226 & Radium 228	31-Dec-03	Check Major	MON	12/29/2003	Compliance Achieved
ROLAND WATER SUPPLY	1324	STORY	IA8570001	2003-01801	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	4/28/2003	Compliance Achieved
ROLFE GOLF CLUB	31	POCAHONTAS	IA7639841	2004-00192	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	4/22/2004	Compliance Achieved
ROLLING KNOLLS GOLF COURSE	118	DUBUQUE	IA3130886	2003-02463	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/23/2003	Compliance Achieved

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ROYAL PINES VILLAGE	425	CLINTON	IA2300638	2003-01857	Arsenic	31-Mar-03	Routine Major	MON	5/18/2003	Compliance Achieved
	425	CLINTON	IA2300638	2003-01858	Sodium	31-Mar-03	Routine Major	MON	5/18/2003	Compliance Achieved
RUDD WATERWORKS	431	FLOYD	IA3440007	2004-00552	Gross Alpha, excluding Radon & Uranium	30-Sep-03	Routine Major	MON	2/3/2004	Compliance Achieved
	431	FLOYD	IA3440007	2004-00553	Radium 226 & Radium 228	30-Sep-03	Routine Major	MON	2/3/2004	Compliance Achieved
	431	FLOYD	IA3440007	2004-00554	Gross Alpha, excluding Radon & Uranium	30-Sep-03	Routine Major	MON	2/3/2004	Compliance Achieved
	431	FLOYD	IA3440007	2004-00555	Radium 226 & Radium 228	30-Sep-03	Routine Major	MON	2/3/2004	Compliance Achieved
	431	FLOYD	IA3440007	2004-00907	Radium 226 & Radium 228	31-Dec-03	Check Major	MON	2/3/2004	Compliance Achieved
	431	FLOYD	IA3440007	2004-00908	Gross Alpha, excluding Radon & Uranium	31-Dec-03	Check Major	MON	2/3/2004	Compliance Achieved
	431	FLOYD	IA3440007	2004-00909	Uranium, Combined	31-Dec-03	Check Major	MON	2/3/2004	Compliance Achieved
	431	FLOYD	IA3440007	2004-00910	Gross Alpha, excluding Radon & Uranium	31-Dec-03	Check Major	MON	2/3/2004	Compliance Achieved
	431	FLOYD	IA3440007	2004-00911	Uranium, Combined	31-Dec-03	Check Major	MON	2/3/2004	Compliance Achieved
	431	FLOYD	IA3440007	2004-00912	Radium 226 & Radium 228	31-Dec-03	Check Major	MON	2/3/2004	Compliance Achieved
RUNNELLS WATER SUPPLY	352	POLK	IA7774008	2004-00860	IAC - Certified Operator	31-Jul-03	Non-Reported Type	STA	4/30/2004	Compliance Achieved
RURAL WATER SYSTEM #1	3020	SIOUX	IA8400722	2003-02179	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	11/18/2003	Compliance Achieved
	3020	SIOUX	IA8400722	2003-02183	Coliform, Fecal	31-May-03	MCL (TCR), Acute	MCL	11/18/2003	Compliance Achieved
RUSTIC RIDGE GOLF COURSE	47	SCOTT	IA8230852	2003-02495	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/8/2003	Compliance Achieved
SAINT LUCAS HISTORICAL SOCIETY	27	FAYETTE	IA3368599	2003-03201	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	10/9/2003	Compliance Achieved
	27	FAYETTE	IA3368599	2003-03231	Coliform, Fecal	30-Sep-03	MCL (TCR), Acute	MCL	10/9/2003	Compliance Achieved
SAINTS AVENUE APARTMENTS	175	BREMER	IA0990990	2003-01355	Nitrate Nitrogen	31-Jan-03	MCL, Single	MCL	11/18/2003	Compliance Achieved
SALEM WATER SUPPLY	464	HENRY	IA4478023	2004-00346	Sodium	30-Sep-03	Routine Major	MON	10/27/2003	Compliance Achieved

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SAPP BROS TRUCK STOPS	1062	FREMONT	IA3643202	2004-01013	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/8/2004	Compliance Achieved
	1062	FREMONT	IA3643202	2004-01090	Xylenes	31-Dec-03	Routine Major	MON	1/8/2004	Compliance Achieved
SCATTERGOOD FRIENDS SCH-DORM	48	CEDAR	IA1694561	2004-01098	Arsenic	31-Dec-03	Routine Major	MON	2/4/2004	Compliance Achieved
SCATTERGOOD FRIENDS SCH-MAIN	100	CEDAR	IA1694562	2003-01886	Coliform Bacteria, Total	30-Apr-03	MCL (TCR), Monthly	MCL	11/18/2003	Compliance Achieved
	100	CEDAR	IA1694562	2004-01063	Arsenic	31-Dec-03	Routine Major	MON	2/4/2004	Compliance Achieved
SCOOTERS TOWER CLUB	40	HOWARD	IA4515709	2004-01167	IAC - Failure to submit monthly operation report	31-Dec-03	Non-Reported Type	RPT	4/30/2004	Compliance Achieved
SENTRAL COMMUNITY SCHOOL	350	KOSSUTH	IA5515527	2003-01774	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	3/3/2003	Compliance Achieved
SEYMOUR MUNICIPAL UTILITY WATER DEPT	810	WAYNE	IA9368035	2004-00642	Lead	30-Jun-03	AL, 90th Percentile	AL	12/12/2003	Compliance Achieved
SHAGBARK ESTATES	38	DUBUQUE	IA3126345	2003-02194	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	1/23/2004	Compliance Achieved
SHELDAHL WATER SUPPLY	336	POLK	IA7778039	2003-01906	Copper	30-Jun-03	AL, 90th Percentile	AL	11/7/2003	Compliance Achieved
SHELL ROCK PRODUCTS, INC (PK BLDG WELL)	25	BUTLER	IA1286107	2003-02582	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	1/13/2004	NOV issued
	25	BUTLER	IA1286107	2004-00296	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/21/2003	NOV issued
	25	BUTLER	IA1286107	2004-01005	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/16/2004	NOV issued
SHELL ROCK PRODUCTS, INC., (OFFICE) (Inactive Supply)	25	BUTLER	IA1286104	2004-00926	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	4/30/2004	Compliance Achieved
	25	BUTLER	IA1286104	2004-00964	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	4/30/2004	Compliance Achieved
SHERMANS WATER & ROAD, INC.	73	WINNESHIEK	IA9630303	2004-01241	Radium 226 & Radium 228	31-Dec-03	Routine Major	MON	2/20/2004	NOV issued
	73	WINNESHIEK	IA9630303	2004-01242	Gross Alpha, excluding Radon & Uranium	31-Dec-03	Routine Major	MON	2/20/2004	NOV issued
	73	WINNESHIEK	IA9630303	2004-01243	Radium 226 & Radium 228	31-Dec-03	Routine Major	MON	2/20/2004	NOV issued
SILVERCREST GOLF & COUNTRY CLUB, INC.	88	WINNESHIEK	IA9630882	2003-02606	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	8/19/2003	Compliance Achieved
SIoux CITY WATER SUPPLY	85028	WOODBURY	IA9778054	2004-01375	Surface Water Treatment Rule: Failure to meet CT ratio	31-Dec-03	Non-Reported Type	V/E	10/6/2003	Compliance Achieved
SKYLINE SPORTSMAN CLUB	30	FREMONT	IA3671201	2004-01042	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/15/2004	NOV issued
	30	FREMONT	IA3671201	2004-01043	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/15/2004	NOV issued

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	30	FREMONT	IA3671201	2004-01044	Nitrite Nitrogen	31-Dec-03	Routine Major	MON	1/15/2004	NOV issued
SLEEPY HOLLOW ENTERPRISES	55	JOHNSON	IA5260601	2003-02250	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/3/2003	Compliance Achieved
SLEEPY HOLLOW STORE	227	JOHNSON	IA5260201	2003-02788	Coliform Bacteria, Total	31-Jul-03	Repeat Major	MON	8/4/2003	Compliance Achieved
SMALLS FRUIT FARM INC	26	HARRISON	IA4349801	2004-00989	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/15/2004	NOV issued
SOUTH HIGH POINT WELL ASSN 2	29	JOHNSON	IA5200324	2003-02718	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	3/15/2004	Compliance Achieved
	29	JOHNSON	IA5200324	2003-03040	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	3/15/2004	Compliance Achieved
	29	JOHNSON	IA5200324	2004-00745	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	12/8/2003	Compliance Achieved
SPARBOE AGRICULTURAL CORPORATION	30	HANCOCK	IA4103801	2004-01541	Copper	30-Jun-03	AL, 90th Percentile	AL	3/16/2004	NOV issued
SPILLWAY SUPPER CLUB	50	ALLAMAKEE	IA0330706	2004-00409	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
SPOOK CAVE	118	CLAYTON	IA2258443	2003-02761	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	8/29/2003	NOV issued
SPRING GREEN	52	LINN	IA5784306	2003-01046	Coliform Bacteria, Total	31-Jan-03	MCL (TCR), Monthly	MCL	10/31/2003	Compliance Achieved
SPRING LAKE CAMPGROUND	35	DES MOINES	IA2909461	2004-00290	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/1/2003	Compliance Achieved
SPRING LAKE GOLF CLUB LLC	55	LEE	IA5625819	2003-03220	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	9/25/2003	NOV issued
SPRINGBROOK COUNTRY CLUB	86	CLINTON	IA2330847	2003-01618	Nitrate Nitrogen	31-Mar-03	MCL, Single	MCL	8/7/2003	Compliance Achieved
	86	CLINTON	IA2330847	2003-02705	Nitrate Nitrogen	31-Jul-03	MCL, Single	MCL	8/7/2003	Compliance Achieved
SQUAW CREEK A	153	LINN	IA5720903	2003-02479	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/10/2003	Compliance Achieved
	153	LINN	IA5720903	2003-02578	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/10/2003	Compliance Achieved
SQUAW VALLEY SOUTH SUBDIVISION	163	STORY	IA8503305	2003-02644	Sodium	30-Jun-03	Routine Major	MON	8/10/2003	Compliance Achieved
ST JOHNS LUTHERAN CHURCH	29	BUTLER	IA1253853	2003-02547	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	8/17/2003	Compliance Achieved
	38	IOWA	IA4830811	2004-00422	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
ST JOSEPHS SCHOOL & PARISH	225	DUBUQUE	IA3126594	2003-03137	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/29/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
STOCKMENS	33	WOODBURY	IA9778109	2004-00306	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	11/25/2003	Compliance Achieved
STONE CREEK SUBDIVISION	70	SCOTT	IA8271301	2003-03160	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	9/25/2003	Compliance Achieved
	70	SCOTT	IA8271301	2004-00790	Coliform Bacteria, Total	30-Nov-03	Routine Major	MON	1/15/2004	Compliance Achieved
	70	SCOTT	IA8271301	2004-00954	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/15/2004	Compliance Achieved
STORY CITY WATER DEPT	3228	STORY	IA8584000	2003-01655	Lead	30-Jun-03	AL, 90th Percentile	AL	1/12/2004	State NOV
	3228	STORY	IA8584000	2004-00394	Lead	31-Dec-03	AL, 90th Percentile	AL	10/28/2003	NOV issued
SULLY MUNI WATER WORKS	904	JASPER	IA5076005	2003-02249	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/18/2003	Compliance Achieved
SUNNY BRAE GOLF & COUNTRY CLUB	63	MITCHELL	IA6663201	2004-00184	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	3/12/2004	AO w/ Penalty
	63	MITCHELL	IA6663201	2004-00267	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	3/12/2004	AO w/ Penalty
SUPERIOR WATER SYSTEM	149	DICKINSON	IA3073001	2003-01590	Coliform Bacteria, Total	28-Feb-03	Routine Major	MON	3/24/2003	Compliance Achieved
SUTLIFF STORE INC	27	JOHNSON	IA5282309	2003-02185	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	12/4/2003	Compliance Achieved
SWAN WATER WORKS	121	MARION	IA6380047	2003-02324	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	12/10/2003	Compliance Achieved
SWISS VALLEY NATURE CENTER	363	DUBUQUE	IA3126941	2003-02707	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	8/8/2003	Compliance Achieved
SYLVIA ROPP HOME	47	WASHINGTON	IA9233204	2003-03046	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	2/9/2004	Compliance Achieved
	47	WASHINGTON	IA9233204	2003-03069	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	2/9/2004	Compliance Achieved
	47	WASHINGTON	IA9233204	2003-01817	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	5/5/2003	Compliance Achieved
	47	WASHINGTON	IA9233204	2003-01818	Nitrite Nitrogen	31-Mar-03	Routine Major	MON	5/5/2003	Compliance Achieved
T & T CORNER BAR	42	MITCHELL	IA6634202	2004-00997	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	2/3/2004	Compliance Achieved
	42	MITCHELL	IA6634202	2004-00998	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	2/3/2004	Compliance Achieved
TABOR WATER SUPPLY	993	FREMONT	IA3667012	2003-01933	Copper	30-Jun-03	AL, 90th Percentile	AL	12/31/2003	Compliance Achieved
TAD POLE INN	53	WINNEBAGO	IA9580202	2004-01025	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	2/24/2004	Compliance Achieved

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TALL CORN ETHANOL	49	GUTHRIE	IA3907801	2003-01562	Copper	30-Jun-03	AL, 90th Percentile	AL	3/19/2003	NOV issued
	49	GUTHRIE	IA3907801	2004-01027	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/21/2004	Compliance Achieved
TASC INC.	70	ALLAMAKEE	IA0398801	2004-01045	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	1/16/2004	NOV issued
	70	ALLAMAKEE	IA0398801	2004-01046	Nitrite Nitrogen	31-Dec-03	Routine Major	MON	1/16/2004	NOV issued
THE BARN (CLIMBING HILL)	27	WOODBURY	IA9715201	2003-01799	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	7/16/2003	Compliance Achieved
	27	WOODBURY	IA9715201	2003-01800	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	7/16/2003	Compliance Achieved
	27	WOODBURY	IA9715201	2003-02599	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/16/2003	Compliance Achieved
THE BEACH FRONT T	42	LEE	IA5694201	2004-00423	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
	42	LEE	IA5694201	2003-01517	Nitrate Nitrogen	31-Jan-03	Routine Major	MON	2/3/2003	Compliance Achieved
	42	LEE	IA5694201	2003-01804	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	4/22/2003	Compliance Achieved
	42	LEE	IA5694201	2003-03176	Nitrate Nitrogen	31-Aug-03	Routine Major	MON	9/17/2003	Compliance Achieved
THE CATFISH PLACE	174	MUSCATINE	IA7052204	2004-00424	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	5/4/2004	AO w/ Penalty
	174	MUSCATINE	IA7052204	2003-01811	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	9/30/2003	Compliance Achieved
	174	MUSCATINE	IA7052204	2003-01812	Nitrate Nitrogen	31-Mar-03	Routine Major	MON	9/30/2003	Compliance Achieved
	174	MUSCATINE	IA7052204	2003-02612	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	9/30/2003	Compliance Achieved
	174	MUSCATINE	IA7052204	2004-01028	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	5/4/2004	AO w/ Penalty
THE HANDLE BAR	29	DUBUQUE	IA3128204	2003-02837	Coliform Bacteria, Total	24-Jul-03	Repeat Major	MON	10/14/2003	Compliance Achieved
	29	DUBUQUE	IA3128204	2003-03114	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	10/14/2003	Compliance Achieved
THE HOLE IN THE HILLS RANCH	25	FREMONT	IA3621485	2004-00412	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
THE NEW SHACK TAVERN	70	LINN	IA5715812	2004-00253	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	12/29/2003	Compliance Achieved
	70	LINN	IA5715812	2004-00692	Nitrate Nitrogen	30-Nov-03	Check Major	MON	12/29/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
THE OLD STORE	38	WINNESHIEK	IA9644201	2003-02640	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	1/12/2004	Compliance Achieved
	38	WINNESHIEK	IA9644201	2003-02641	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	1/12/2004	Compliance Achieved
	38	WINNESHIEK	IA9644201	2003-03021	Nitrate Nitrogen	31-Jul-03	Routine Major	MON	1/12/2004	Compliance Achieved
	38	WINNESHIEK	IA9644201	2003-03180	Nitrate Nitrogen	31-Aug-03	Routine Major	MON	1/12/2004	Compliance Achieved
	38	WINNESHIEK	IA9644201	2004-00333	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	1/12/2004	Compliance Achieved
	38	WINNESHIEK	IA9644201	2004-00334	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	1/12/2004	Compliance Achieved
	38	WINNESHIEK	IA9644201	2004-01039	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/12/2004	Compliance Achieved
THE ROSE BOWL	26	CERRO GORDO	IA1750708	2003-01568	Nitrate Nitrogen	28-Feb-03	Check Major	MON	3/9/2004	AO w/ Penalty
	26	CERRO GORDO	IA1750708	2004-00963	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	3/9/2004	AO w/ Penalty
THE SPORTSMEN	187	FAYETTE	IA3300770	2004-00410	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	11/19/2003	Compliance Achieved
	187	FAYETTE	IA3300770	2004-01139	IAC - Failure to submit monthly operation report	31-Dec-03	Non-Reported Type	RPT	4/30/2004	Compliance Achieved
	187	FAYETTE	IA3300770	2003-02517	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	7/30/2003	Compliance Achieved
	187	FAYETTE	IA3300770	2004-00499	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/24/2003	Compliance Achieved
THE THIRSTY CAMEL	67	MUSCATINE	IA7016202	2004-00285	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	10/27/2003	Compliance Achieved
THE ZIPPER	30	WINNESHIEK	IA9637201	2003-01724	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
THREE ELMS GOLF COURSE	25	BUCHANAN	IA1037201	2003-01926	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	1/16/2004	Compliance Achieved
THREE HORSE SALOON	55	MITCHELL	IA6653201	2004-00430	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	4/9/2004	Compliance Achieved
	55	MITCHELL	IA6653201	2003-02610	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	10/3/2003	Compliance Achieved
THUNDER RIDGE ESTATES	36	DUBUQUE	IA3170303	2004-01125	Copper	30-Jun-03	AL, 90th Percentile	AL	1/29/2004	BCA issued
	36	DUBUQUE	IA3170303	2004-01126	Lead	31-Dec-03	AL, 90th Percentile	AL	1/29/2004	BCA issued
	36	DUBUQUE	IA3170303	2003-03165	Coliform Bacteria, Total	31-Aug-03	Routine Major	MON	8/21/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
THURMAN WATER WORKS	236	FREMONT	IA3671021	2004-00133	Copper	30-Sep-03	Routine Tap	MON	10/21/2003	NOV issued
	236	FREMONT	IA3671021	2004-00134	Lead	30-Sep-03	Routine Tap	MON	10/21/2003	NOV issued
TIMBER TRAIL HOMEOWNERS ASSOCIATION	78	JOHNSON	IA5200303	2003-01876	Arsenic	31-Mar-03	Routine Major	MON	5/1/2003	Compliance Achieved
	78	JOHNSON	IA5200303	2003-01877	Sodium	31-Mar-03	Routine Major	MON	5/1/2003	Compliance Achieved
TOWN & COUNTRY AQUA CLUB	30	POTTAWATTAMIE	IA7820204	2004-00196	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/21/2003	NOV issued
TOWN & COUNTRY MOBILE HOME PK	26	CHICKASAW	IA1900669	2003-01840	Sodium	31-Mar-03	Routine Major	MON	5/12/2003	Compliance Achieved
TROY MILLS AREA HOUSING DEVELOPMENT	60	LINN	IA5786533	2003-02893	Barium	30-Jun-03	Routine Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2003-02894	Cadmium	30-Jun-03	Routine Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2003-02895	Chromium	30-Jun-03	Routine Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2003-02896	Fluoride	30-Jun-03	Routine Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2003-02897	Mercury	30-Jun-03	Routine Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2003-02898	Sodium	30-Jun-03	Routine Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2003-02899	Antimony	30-Jun-03	Routine Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2003-02900	Thallium	30-Jun-03	Routine Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2003-02901	Selenium	30-Jun-03	Routine Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2004-00044	Arsenic	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2004-00045	Barium	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2004-00046	Cadmium	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2004-00047	Chromium	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2004-00048	Fluoride	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
	60	LINN	IA5786533	2004-00049	Mercury	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2004-00050	Sodium	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2004-00051	Antimony	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2004-00052	Thallium	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved
	60	LINN	IA5786533	2004-00053	Selenium	30-Sep-03	Check Major	MON	10/29/2003	Compliance Achieved
TWIN KNOLLS 6TH ADDITION WATER SERVICE	52	LINN	IA5784310	2004-00179	Coliform Bacteria, Total	30-Sep-03	Routine Major	MON	10/8/2003	Compliance Achieved
TWIN LAKES UTILITIES & POLL.	190	CALHOUN	IA1300101	2003-02680	Copper	30-Jun-03	AL, 90th Percentile	AL	2/27/2003	BCA issued
	190	CALHOUN	IA1300101	2004-01119	Copper	31-Dec-03	AL, 90th Percentile	AL	1/26/2004	BCA issued
	190	CALHOUN	IA1300101	2004-01120	Lead	31-Dec-03	AL, 90th Percentile	AL	1/26/2004	BCA issued
	190	CALHOUN	IA1300101	2003-02560	Nitrite Nitrogen	30-Jun-03	Routine Major	MON	7/24/2003	Compliance Achieved
TWIN PONDS WEST - CHICKASAW CCB	29	CHICKASAW	IA1970403	2003-02571	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	4/14/2003	Compliance Achieved
	29	CHICKASAW	IA1970403	2003-02572	Nitrite Nitrogen	30-Jun-03	Routine Major	MON	4/14/2003	Compliance Achieved
TWIN RIDGE CORP	130	DUBUQUE	IA3126302	2003-02726	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	2/12/2004	Compliance Achieved
TWIN VALLEY LAKES IMPROVEMENT ASSN	150	JOHNSON	IA5200861	2003-02736	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	2/26/2004	Compliance Achieved
	150	JOHNSON	IA5200861	2004-00425	IAC - Fee	30-Sep-03	Non-Reported Type	RPT		State NOV
TWIN VIEW HEIGHTS	160	JOHNSON	IA5282301	2003-01867	Sodium	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
	160	JOHNSON	IA5282301	2003-01868	Arsenic	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
TYSON FRESH MEATS INC (PERRY PLANT)	1100	DALLAS	IA2561101	2003-01894	Coliform Bacteria, Total	30-Apr-03	MCL (TCR), Monthly	MCL	4/30/2003	NOV issued
	1100	DALLAS	IA2561101	2003-01925	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	5/16/2003	NOV issued
	1100	DALLAS	IA2561101	2004-00633	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	12/1/2003	NOV issued

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UNITED SUGARS CORPORATION	25	CERRO GORDO	IA1750893	2003-01700	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	6/30/2003	Compliance Achieved
UNVERFERTH MANUFACTURING	170	BUTLER	IA1286101	2003-02712	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	3/1/2004	Compliance Achieved
	170	BUTLER	IA1286101	2003-02743	Coliform, Fecal	30-Sep-03	MCL (TCR), Acute	MCL	3/1/2004	Compliance Achieved
VALLEY COUNTRY CAFE	216	CASS	IA1509747	2003-01699	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	7/1/2003	Compliance Achieved
VALLEY OAKS GOLF CLUB	100	CLINTON	IA2326848	2003-02454	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	8/28/2003	Compliance Achieved
VALLEY VIEW WATER ASSOCIATION	64	HARRISON	IA4300601	2004-00871	Consumer Confidence Report	31-Jul-03	Consumer Confidence Report (CCR)	RPT	1/6/2004	NOV issued
VERN ACRES (OLIPHANT ADDITION)	150	LINN	IA5784303	2003-01850	Arsenic	31-Mar-03	Routine Major	MON	4/9/2003	Compliance Achieved
	150	LINN	IA5784303	2003-01851	Sodium	31-Mar-03	Routine Major	MON	4/9/2003	Compliance Achieved
VILLAGE OAKS HOMEOWNERS ASSN	250	SCOTT	IA8215304	2004-01102	Copper	30-Sep-03	Routine Tap	MON	1/15/2004	BCA issued
	250	SCOTT	IA8215304	2004-01103	Lead	30-Sep-03	Routine Tap	MON	1/15/2004	BCA issued
VINGIE PUB	48	WINNEBAGO	IA9580203	2004-01026	Nitrate Nitrogen	31-Dec-03	Routine Major	MON	2/19/2004	Compliance Achieved
WAHKONSA COUNTRY CLUB	60	CEDAR	IA7078815	2003-02485	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/14/2003	Compliance Achieved
WALKER WATER WORKS	750	LINN	IA5792059	2004-01130	IAC - Failure to submit monthly operation report	31-Dec-03	Non-Reported Type	RPT	4/30/2004	Compliance Achieved
WALTERS MOBILE HOME PARK	25	CLAYTON	IA2258601	2004-01127	Lead	30-Sep-03	AL, 90th Percentile	AL	1/28/2004	NOV issued
WAPSI OAKS COUNTRY CLUB	55	CLINTON	IA2320850	2003-02540	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	9/15/2003	Compliance Achieved
WAPSIE VALLEY COM SCH-FAIRBANK	165	BUCHANAN	IA1025554	2003-03200	Coliform Bacteria, Total	30-Sep-03	MCL (TCR), Monthly	MCL	4/6/2004	Compliance Achieved
WAPSIPINICON COUNTRY CLUB	85	JONES	IA5307200	2004-00411	IAC - Fee	30-Sep-03	Non-Reported Type	RPT	2/5/2004	AO w/ Penalty
	85	JONES	IA5307200	2003-01712	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	2/5/2004	AO w/ Penalty
	85	JONES	IA5307200	2003-02476	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	2/5/2004	AO w/ Penalty
	85	JONES	IA5307200	2003-02514	Nitrate Nitrogen	30-Jun-03	Routine Major	MON	2/5/2004	AO w/ Penalty
	85	JONES	IA5307200	2004-00944	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	1/14/2004	Compliance Achieved
WAPSIPINICON STATE PARK - DUTCH CREEK LODGE	50	JONES	IA5307902	2003-02591	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/28/2003	Compliance Achieved

Name of the Public Water Supply (Alphabetical Listing)	Minimum Population Served	County	PWS ID Number	Violation Number	Analyte	Compliance Period End Date	Violation	Violation Type	Enforcement Action Date	Enforcement Action
WAPSIPINICON STATE PARK - CAMPGROUND/LODGE	150	JONES	IA5307943	2003-02477	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	7/14/2003	Compliance Achieved
WASHINGTON TWSP. ELEMENTARY SCHOOL	160	WASHINGTON	IA9233522	2004-01066	Arsenic	31-Dec-03	Routine Major	MON	2/9/2004	Compliance Achieved
WATERVILLE ELEMENTARY SCHOOL	225	ALLAMAKEE	IA0397551	2003-02730	Nitrate Nitrogen	31-Aug-03	MCL, Single	MCL	8/12/2003	BCA issued
	225	ALLAMAKEE	IA0397551	2004-00372	Nitrate Nitrogen	31-Oct-03	MCL, Single	MCL	10/7/2003	BCA issued
	225	ALLAMAKEE	IA0397551	2004-00378	Coliform Bacteria, Total	31-Oct-03	MCL (TCR), Monthly	MCL	10/17/2003	NOV issued
	225	ALLAMAKEE	IA0397551	2004-00435	Nitrate Nitrogen	30-Nov-03	MCL, Single	MCL	10/7/2003	BCA issued
	225	ALLAMAKEE	IA0397551	2004-00658	Nitrate Nitrogen	31-Dec-03	MCL, Single	MCL	10/7/2003	BCA issued
WEBSTER CITY WATER SUPPLY	8176	HAMILTON	IA4063094	2004-00363	Sodium	30-Sep-03	Routine Major	MON	11/25/2003	Compliance Achieved
WESCOTT HEIGHTS HOA PART 3	25	JOHNSON	IA5225327	2004-00373	Coliform Bacteria, Total	31-Oct-03	MCL (TCR), Monthly	MCL	4/20/2004	Compliance Achieved
WEST IDLEWILD PARK	30	FLOYD	IA3414401	2004-01041	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	6/26/2003	BCA issued
WEST LIBERTY FOODS	1078	MUSCATINE	IA7073834	2003-01530	Coliform Bacteria, Total	28-Feb-03	MCL (TCR), Monthly	MCL	8/28/2003	Compliance Achieved
WESTFAIR	301	POTTAWATTAMIE	IA7820401	2004-01000	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/30/2004	Compliance Achieved
	301	POTTAWATTAMIE	IA7820401	2004-01003	Coliform Bacteria, Total	31-Dec-03	Routine Major	MON	3/30/2004	Compliance Achieved
WHAT CHEER WATER SUPPLY	678	KEOKUK	IA5493016	2004-00024	Lead	30-Sep-03	AL, 90th Percentile	AL	4/23/2004	Compliance Achieved
WHISPERING OAKS	28	JOHNSON	IA5200868	2003-01881	Sodium	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
	28	JOHNSON	IA5200868	2003-01882	Arsenic	31-Mar-03	Routine Major	MON	4/29/2003	Compliance Achieved
WHITE SPRINGS	70	CLAYTON	IA2258788	2004-00313	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	8/25/2003	Compliance Achieved
WHITING WATER SUPPLY	801	MONONA	IA6769018	2003-02257	Coliform Bacteria, Total	31-May-03	Routine Major	MON	6/23/2003	Compliance Achieved
WILSON SUBDIVISION WELL #9	45	WRIGHT	IA9905302	2004-00017	Coliform Bacteria, Total	31-Dec-03	MCL (TCR), Monthly	MCL	10/16/2003	NOV issued
WINDING BROOK MOBILE HOME PARK	150	CLINTON	IA2300607	2003-01545	Coliform Bacteria, Total	28-Feb-03	MCL (TCR), Monthly	MCL	1/30/2004	BCA issued
	150	CLINTON	IA2300607	2003-01624	Coliform Bacteria, Total	31-Mar-03	MCL (TCR), Monthly	MCL	1/30/2004	BCA issued
	150	CLINTON	IA2300607	2003-01932	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	1/30/2004	BCA issued

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	150	CLINTON	IA2300607	2004-00437	Coliform Bacteria, Total	30-Nov-03	MCL (TCR), Monthly	MCL	1/30/2004	BCA issued
WINDY RIDGE WELL ASSOCIATION	58	LINN	IA5748300	2004-00175	Copper	30-Jun-03	Routine Tap	MON	12/2/2003	BCA issued
	58	LINN	IA5748300	2004-00176	Lead	30-Jun-03	Routine Tap	MON	12/2/2003	BCA issued
	58	LINN	IA5748300	2004-00263	Nitrate Nitrogen	30-Sep-03	Routine Major	MON	11/20/2003	Compliance Achieved
WINGS	46	ALLAMAKEE	IA0315707	2003-01697	Coliform Bacteria, Total	31-Mar-03	Routine Major	MON	4/30/2003	Compliance Achieved
WINTER MOBILE HOME PARK	50	CHICKASAW	IA1900601	2003-02326	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	1/31/2004	Compliance Achieved
	50	CHICKASAW	IA1900601	2003-03247	IAC - Failure to maintain disinfection residual	30-Sep-03	Non-Reported Type	V/E	4/30/2004	Compliance Achieved
WINTERSSET MUNICIPAL WATERWORKS	4768	MADISON	IA6171029	2004-00831	Nitrate Nitrogen	30-Nov-03	Routine Major	MON	12/15/2003	Compliance Achieved
WOODBINE WATER DEPARTMENT	1564	HARRISON	IA4388034	2003-01653	Nitrate Nitrogen	30-Jun-03	MCL, Average	MCL	12/31/2003	Compliance Achieved
WOODLAND ESTATES IMPROVEMENT ASSOCIATION	59	JOHNSON	IA5280301	2003-02789	Coliform Bacteria, Total	21-Jul-03	Repeat Major	MON	7/29/2003	Compliance Achieved
WOODLAND HEIGHTS HOMEOWNERS ASSOCIATION	51	JOHNSON	IA5225309	2004-01121	Copper	30-Sep-03	Routine Tap	MON	1/27/2004	BCA issued
	51	JOHNSON	IA5225309	2004-01122	Lead	30-Sep-03	Routine Tap	MON	1/27/2004	BCA issued
WOODLAND LAKE ESTATES HOA, INC	207	POLK	IA7717301	2004-00034	Copper	30-Sep-03	AL, 90th Percentile	AL	10/13/2003	NOV issued
WOODLAND RIDGE SUBDIVISION	50	JOHNSON	IA5225320	2003-02473	Copper	30-Jun-03	Routine Tap	MON	1/27/2004	BCA issued
	50	JOHNSON	IA5225320	2003-02474	Lead	30-Jun-03	Routine Tap	MON	1/27/2004	BCA issued
	50	JOHNSON	IA5225320	2004-01114	Copper	31-Dec-03	Routine Tap	MON	1/21/2004	BCA issued
	50	JOHNSON	IA5225320	2004-01115	Lead	31-Dec-03	Routine Tap	MON	1/21/2004	BCA issued
	50	JOHNSON	IA5225320	2003-01966	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	5/7/2003	Compliance Achieved
	50	JOHNSON	IA5225320	2004-00504	Coliform Bacteria, Total	31-Oct-03	Routine Major	MON	11/19/2003	Compliance Achieved
WOOLSTOCK WATER SUPPLY	204	WRIGHT	IA9970037	2004-01059	Sodium	31-Dec-03	Routine Major	MON	2/17/2004	Compliance Achieved
WYOMING WATER SYSTEM	626	JONES	IA5396039	2003-02906	Radium 226 & Radium 228	30-Jun-03	Routine Major	MON	9/9/2003	Compliance Achieved
XENIA RWD (BOONE)	4140	BOONE	IA0844006	2004-01162	Lead	30-Sep-03	AL, 90th Percentile	AL	10/31/2003	NOV issued
YOUNGVILLE CAFE & MUSEUM	32	BENTON	IA0603201	2003-01919	Coliform Bacteria, Total	31-May-03	MCL (TCR), Monthly	MCL	5/22/2003	NOV issued

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	32	BENTON	IA0603201	2003-02188	Coliform Bacteria, Total	30-Jun-03	MCL (TCR), Monthly	MCL	6/12/2003	NOV issued
	32	BENTON	IA0603201	2003-02352	Coliform Bacteria, Total	31-Jul-03	MCL (TCR), Monthly	MCL	7/10/2003	NOV issued
	32	BENTON	IA0603201	2003-03043	Coliform Bacteria, Total	31-Aug-03	MCL (TCR), Monthly	MCL	8/28/2003	NOV issued
	32	BENTON	IA0603201	2003-02830	Coliform Bacteria, Total	24-Jul-03	Repeat Major	MON	10/20/2003	Compliance Achieved
	32	BENTON	IA0603201	2003-02831	Coliform Bacteria, Total	24-Jul-03	Repeat Major	MON	10/20/2003	Compliance Achieved
	32	BENTON	IA0603201	2003-02832	Coliform Bacteria, Total	24-Jul-03	Repeat Major	MON	10/20/2003	Compliance Achieved
ZEARING WATER DEPARTMENT	617	STORY	IA8590041	2003-01573	Nitrate Nitrogen	28-Feb-03	Check Major	MON	4/1/2003	Compliance Achieved
	617	STORY	IA8590041	2003-01651	Sodium	28-Feb-03	Routine Major	MON	4/1/2003	Compliance Achieved
	617	STORY	IA8590041	2003-01975	Coliform Bacteria, Total	30-Apr-03	Routine Major	MON	8/19/2003	Compliance Achieved
	617	STORY	IA8590041	2003-02261	Coliform Bacteria, Total	31-May-03	Routine Major	MON	8/19/2003	Compliance Achieved
	617	STORY	IA8590041	2003-02499	Coliform Bacteria, Total	30-Jun-03	Routine Major	MON	8/19/2003	Compliance Achieved
	617	STORY	IA8590041	2003-02856	Coliform Bacteria, Total	31-Jul-03	Routine Major	MON	8/19/2003	Compliance Achieved