

State of Iowa

Public Drinking Water Program 2002 Annual Compliance Report



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Water Quality Bureau
Water Supply Section

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Introduction

The Iowa Department of Natural Resources (IDNR), Environmental Services Division, 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) required that each state with primary enforcement responsibility for the SDWA must prepare, make readily available to the public, and submit to the EPA, an annual report on violations of national primary drinking water regulations by Iowa's public water supply systems. This report fulfills this responsibility in Iowa for the 2002 calendar year, and includes violations of a maximum contaminant level, maximum residual disinfectant level, treatment technique requirement, major monitoring or reporting requirement, or an exceedance of an action level.

The 2002 Report Highlights – Compliance with Health-Based Standards

- No waterborne diseases or deaths were reported from public water supplies in 2002.
- Over 2.3 million people (or 93.5 percent of the population served by community water systems) received water that was in compliance with all health-based drinking water standards.
- Of the 2,021 regulated public water supplies, 90.2 percent were in compliance with all health-based drinking water standards. A total of 198 public water supplies had 309 violations of a health-based drinking water standard (maximum contaminant level (MCL), treatment technique (TT), and action level (AL)). Nine contaminants were found in levels that exceeded the health-based standard, out of the more than 80 regulated contaminants. Of those 309 violations,
 - ◆ 62.8% were non-acute coliform bacteria MCL violations,
 - ◆ 12.9% were nitrate MCL violations,
 - ◆ 11.7% were lead and copper AL exceedances,
 - ◆ 4.9% were acute coliform bacteria MCL violations,
 - ◆ 2.9% were combined radium 226 & 228 MCL violations,
 - ◆ 1.9% were arsenic MCL violations,
 - ◆ 1.6% were total trihalomethane MCL violations,
 - ◆ 1.0% were turbidity TT violations, and
 - ◆ 0.3% were nitrite MCL violations.

The 2002 Report Highlights – Compliance with Monitoring & Reporting Requirements

- Over 2.1 million people (or 87.0 percent of the population served by community water systems) received water from systems that complied with monitoring and reporting requirements.
- Of the 2,021 regulated public water supplies, 78.4 percent were in compliance with all major monitoring requirements. At least one major monitoring violation was incurred by 437 systems, for a total of 1,027 major monitoring violations. Of those violations,
 - ◆ 33.7% were for failure to collect coliform bacteria samples,
 - ◆ 21.6% were for failure to collect nitrate samples
 - ◆ 12.8% were failure to collect arsenic samples

- ◆ 9.8% were failure to collect sodium samples
- ◆ 4.6% were failure to collect copper and lead samples
- ◆ 2.8% were failure to collect nitrite samples
- ◆ 1.7% were for failure to collect radionuclides samples, and
- ◆ 13% were for failure to collect inorganic or organic contaminants (less than 1% for each analyte individually)
- The reporting requirement by 1,159 community water systems to compile and distribute an annual consumer confidence report was met by 97.8% of the systems.

The 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) and was most recently amended in 1996.

- EPA sets national limits on allowable contaminant levels in public water supplies (PWS) to ensure the water is safe for human consumption. These limits are known as maximum contaminant levels (MCL).
- For some contaminants, EPA establishes treatment techniques (TT) or action levels (AL) in lieu of an MCL to control unacceptable levels of contaminants in public drinking water.
- EPA also regulates how often PWSs must monitor for contaminants and requires those monitoring results be reported to the state.
- EPA requires PWSs 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 PWS is taking to correct the violation, and the availability and necessity of using alternative water supplies until the violation is corrected.

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 PWSS 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 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 PWSs operated by Native American tribes in Iowa have not received primacy, and are monitored 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 PWSs, violation records, and individual analytical results.

The IDNR Drinking Water Program Components

The seven basic components of the department's drinking water program are as follows:

On-Site Inspection Each of the six state field offices:

- conducts site surveys for well and treatment facility placement,
- inspects every PWS in the state at least every five years, which includes examination of the operation and maintenance of the PWS system,
- provides technical assistance to water supply operators,
- responds to complaints from the public,
- provides emergency response to spills that may threaten water resources, and also
- prepares violation notices, compliance schedules and enforcement actions for the operator certification program and on-site analytical requirements.

Operation Permit The central office:

- issues the operation permits for each PWS at least every three years, which specify the individual monitoring and operation requirements,
- monitors the compliance by each PWS with the drinking water program requirements,
- prepares violation notices, compliance schedules and enforcement actions for the operation permit requirements, and
- provides technical assistance to the PWS.

Construction Permit The central office:

- issues construction permits for PWS projects,
- reviews preliminary engineering reports, viability assessments and source water protection plans, and
- assists PWSs and consulting engineers in selecting various treatment technologies for specific water quality problems.

Water Use Permit The central office:

- 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 and Wastewater Operator Certification The central office:

- certifies operators that successfully complete a written exam, and
- renews certification of operators that earn continuing education units,

Environmental Laboratory Certification The central office:

- certifies laboratories that analyze samples, and
- 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 The central office:

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

Iowa's Public Water Supply Systems

Definition of a PWS

The SDWA program regulates public water supplies (PWSs). A PWS 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.

Types of PWSs

A PWS is either a community water system or a noncommunity water 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. In 2002, over 2.5 million Iowans were served by CWSs, or 85.7% of the total state population. The remaining 14.3% of the population is served by private water supplies. Iowa had 1,159 CWSs in 2002.
- Non-community water systems are classified into two categories:
 - ◆ 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 NTNCs 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. In 2002, there were 155 NTNC systems in Iowa.
 - ◆ 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. In 2002, there were 707 TNC systems in Iowa.

Iowa's Public Water Supply Systems

System Size

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

Population Served	EPA Classification	Number of PWS	Percentage of Total PWS
25 – 500	Very Small	1,446	71.5
501 – 3,300	Small	454	22.5
3,301 – 10,000	Medium	81	4.0
10,001 – 100,000	Large	37	1.8
Over 100,000	Very Large	3	0.2
Total		2,021	100.0%

System Source Water

Iowa's drinking water is obtained from three sources:

- Groundwater from deep or shallow wells (GW)
- Surface water from rivers, lakes, and reservoirs (SW)
- Groundwater that is under the direct influence of surface water (IGW) 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 (IGW). As indicated in the following table, 92% Iowa's systems are served by groundwater sources, which serve 57% of the population. Surface water and influenced groundwater sources are used in the remaining systems, although they serve 43% 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	136	6.7	33.3
Influenced Groundwater	21	1.1	9.5
Groundwater	1,864	92.2	57.2

Systems using surface water or influenced groundwater sources have more complex monitoring requirements than do groundwater systems, because of the greater treatment requirements of their source water.

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 remaining contaminants are all regulated by a specific maximum contaminant level. 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.

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. First are two microbial components (fecal coliforms or *E. coli*) and the other three are inorganic compounds (nitrate, nitrite, or chlorine dioxide).

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

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.

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.

Violation: A PWS incurs a violation when the MCL is exceeded in any one compliance period, assigned either as a monthly or quarterly (by calendar) requirement. A violation of the acute

coliform bacteria MCL is considered an acute violation and public notification must be issued within 72 hours after IDNR 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.

Nitrate and Nitrite—567 IAC 41.3

Acute MCL: The MCL for nitrate is 10 mg/L as N and the MCL for nitrite is 1 mg/L as N.

Source of Contamination: Nitrate and nitrite may result from the natural decay of organic materials such as leaves and crop residue, use of commercial fertilizers, in human sewage and wastes from farm animals, and from the nitrification of ammonia in the 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). 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.

Violation: A PWS incurs a violation when the MCL is exceeded in any one compliance period, assigned either as a monthly, quarterly, or annually (by calendar) requirement. A violation of the nitrate or nitrite MCL is considered an acute violation and public notification must be issued within 72 hours after IDNR 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.

Chlorine Dioxide—567 IAC 41.6

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.

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.

Violation: A PWS incurs a violation when the daily monitoring results in the distribution system exceed the MRDL on a 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.

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

Total Coliform Bacteria—567 IAC 41.2(1)

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, without fecal coliform or *E. coli*, is a violation of the MCL for total coliforms. To meet this MCL, all drinking water samples must be free of total coliform bacteria.

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 (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.

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

Compliance Achieved: The system is returned to compliance when all results are below the MCL for a period of six consecutive months.

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

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.

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

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.

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 all results are below the MCL 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].

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 exceedance is in effect.

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.

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 all results are below the MCL for a period of six consecutive months.

Radionuclides—567 IAC 41.8

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.

Source of Contamination: Alpha emitters, which include radium 226 and radium 228, 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.

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 all results are below the MCL for a period of six consecutive months.

Disinfectants—567 IAC 43.6

Disinfectants are regulated by a limit termed a maximum residual disinfectant level, MRDL, which is the maximum amount of disinfectant allowed in the system.

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.

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.

Violation: A PWS 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, but 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.

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 IGW are required to comply with the treatment techniques.

With both the AL and TT, if the drinking water meets the stated requirements, 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.

Action Level (AL) Requirements

Lead/Copper Action Levels—567 IAC 41.4

Action Level Exceedance: Lead and copper have action levels (AL) rather than an MCL standard. 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 (by calendar), 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 process can take several years to accomplish due to the lengthy process of refining corrosion control processes, which is then followed by a year of sampling with results 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 PWS incurs a treatment technique violation.

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. In Iowa, all SW/IGW systems have filtration treatment, so that there are no unfiltered SW/IGW systems.

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 PWS 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, temperature, and disinfectant contact time. Beginning in January 1, 2002, SW/IGW systems that serve at least 10,000 people had additional filtration requirements and disinfection byproduct precursor removal requirements compared to their counterpart systems serving fewer than 10,000 people.

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 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.
- In addition to the turbidity requirement, systems serving 10,000 or more people are required to remove 99% (2-log) of the *Cryptosporidium* oocysts.

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 turbidity standard is exceeded in any month.

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

Residual Disinfectant (minimum)—567 IAC 43.5

All PWSs using a surface water source or a groundwater source under the direct influence of surface water 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 PWS's 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 (HPCs) which could be done 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 PWSs using a surface water source or a groundwater source under the direct influence of surface water 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 systems using a surface water source or a groundwater source under the direct influence of surface water 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 assist a system with compliance, if they are 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 2.3 million people served by CWSs (93.5%) received water that was in compliance with the health-based standards, including MCL, MRDL, AL, and TT standards. IDNR's goal is that, by 2005, 95 percent of the population served by CWSs will receive water that meets all drinking water standards adopted by the department.

Of the 2,021 regulated PWSs in Iowa, 90.8% were in compliance with all MCL, MRDL, AL, and TT standards.

There were 214 PWSs that had one or more violation of an MCL, AL, or TT standard. There were no MRDL violations in 2002. There were 309 violations of nine contaminants in Iowa in 2002, as indicated in the following table. The most frequent standard that is not met in Iowa is coliform bacteria, followed by nitrate. Those two contaminants are the only two contaminants that all systems must analyze in their drinking water at least once each year.

Contaminant	Number of PWSs	Number of Violations*	% of the Total Number of Violations	Population affected
Arsenic	2	6	1.9 %	61
Coliform, Fecal (acute)	15	15	4.9 %	2,931
Coliform, Total (non-acute)	140	194	62.8 %	111,264
Copper – AL exceedance	16	20	6.5 %	18,497
Lead – AL exceedance	14	16	5.2 %	20,954
Nitrate	20	40	12.9 %	7,083
Nitrite	1	1	0.3 %	280
Radium, combined 226, 228	4	9	2.9 %	17,840
Total Trihalomethanes (TTHM)	2	5	1.6 %	3,442
Turbidity – TT Exceedance	2	3	1.0 %	5,942

* A PWS may receive a violation for more than one analyte.

Each contaminant has a specific sampling frequency. The following table shows the relationship between the contaminant and the number of samples collected during 2002 statewide for that particular contaminant. For certain contaminants, such as coliform bacteria, there are many violations but there are also a large number of samples collected for that contaminant. For others, such as radium, there are only a few hundred samples collected each year, so a smaller number of violations results in a larger percentage of samples that do not meet the health standards. Of the 64,171 samples collected for these contaminants, only 0.48% resulted in a violation of a health standard.

Contaminant	Number of MCL or AL Violations*	Number of Samples Collected for the Contaminant	% MCL Violations [Number of Violations divided by Total Number of Samples]
Arsenic	6	870	0.69 %
Coliform, Fecal	15	5,132	0.29 %

Contaminant	Number of MCL or AL Violations*	Number of Samples Collected for the Contaminant	% MCL Violations [Number of Violations divided by Total Number of Samples]
Coliform, Total (TCR)	194	46,425	0.42 %
Copper	20	5,505	0.36 %
Lead	16	5,500	0.29 %
Nitrate (as N)	40	3,696	1.08 %
Nitrite (as N)	1	466	0.21 %
Radium, Combined (226, 228)	9	413	2.18 %
Total Trihalomethanes (TTHM)	5	550	0.91 %
Total	306	64,171	0.48 %

* Turbidity is collected daily and was not calculated for this table. There were 2 PWS that incurred a total of 3 treatment technique violations for turbidity.

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 2.18 million people served by CWSs (87.0%) received water that was in compliance with the major monitoring and reporting requirements. A system may incur multiple violations if they fail to collect multiple contaminants.

Of the 2,021 regulated PWSs in Iowa, 78.2% were in compliance with all major monitoring and reporting requirements. There were 441 PWS that incurred 1,027 monitoring and reporting violations. The types of violations are listed in the following table.

Violation Type	Number of PWS	Total Number of M/R Violations
Routine Major	414	903
Routine Tap	25	48
Repeat Major	26	35
Confirmation/Check Major	25	41

The IDNR assigns violations by contaminant for each PWS. Therefore, if a PWS did not collect its inorganic sample in the required compliance period, it would receive several violations - one for each contaminant.

Listed below are the contaminants that had a major monitoring or reporting violation in 2002. Two systems failed to collect their volatile organic compound samples, affecting a population of 27,166 in both systems. There were new requirements for sodium and arsenic in 2002, which were missed by many systems. Arsenic and sodium are normally part of the inorganic chemical series, with six systems failing to collect their inorganic series in 2002. However, because of the new requirements in 2002, 114 systems failed to collect an arsenic sample, and 86 systems failed to collect a sodium sample. The majority of violations were for failure to collect total coliform bacteria samples (33.7%), followed by failure to collect nitrate samples (21.6%).

Contaminant	Number of PWS	Number of Violations	Population Affected	% M/R Violations [Number of Violations divided by Total Number of Violations]
Alachlor (Lasso)	4	4	28,164	0.39 %
Gross Alpha Emitters, excluding Rn & U	3	3	85,052	0.29 %
Antimony	5	6	112,916	0.58 %
Arsenic	114	132	203,995	12.85 %
Atrazine	6	6	29,035	0.58 %
Barium	6	7	135,112	0.68 %
Benzene	2	2	27,166	0.19 %
Benzo (a) pyrene	3	3	27,201	0.29 %
Cadmium	6	7	135,112	0.68 %
Carbon tetrachloride	2	2	27,166	0.19 %
Chromium	6	7	135,112	0.68 %
cis-1,2-Dichloroethylene	2	2	27,166	0.19 %
Coliform, Total	228	346	41,746	33.69 %

Contaminant	Number of PWS	Number of Violations	Population Affected	% M/R Violations [Number of Violations divided by Total Number of Violations]
Copper	24	24	7,557	2.34 %
Cyanazine	1	1	250	0.10 %
2,4-D	2	2	27,166	0.19 %
Dalapon	2	2	27,166	0.19 %
o-Dichlorobenzene	2	2	27,166	0.19 %
p-Dichlorobenzene	2	2	27,166	0.19 %
1,2-Dichloroethane	2	2	27,166	0.19 %
1,1-Dichloroethylene	2	2	27,166	0.19 %
trans-1,2-Dichloroethylene	2	2	27,166	0.19 %
1,2-Dichloropropane	2	2	27,166	0.19 %
Dichloromethane	2	2	27,166	0.19 %
Di(2-ethylhexyl) adipate	3	3	27,201	0.29 %
Di(2-ethylhexyl) phthalate	3	3	27,201	0.29 %
Dinoseb	2	2	27,166	0.19 %
Ethylbenzene	2	2	27,166	0.19 %
Fluoride	5	6	112,916	0.58 %
Lead	24	24	7,886	2.34 %
Mercury	6	7	135,112	0.68 %
Monochlorobenzene	2	2	27,166	0.19 %
Nitrate	157	222	73,584	21.62 %
Nitrite	23	29	32,975	2.82 %
Pentachlorophenol	2	2	27,166	0.19 %
Picloram	2	2	27,166	0.19 %
Radium, combined 226 and 228	12	14	93,059	1.36 %
Selenium	6	7	135,112	0.68 %
Simazine	3	3	27,201	0.29 %
Sodium	86	101	185,411	9.83 %
Styrene	2	2	27,166	0.19 %
Tetrachloroethylene	2	2	27,166	0.19 %
Thallium	6	7	135,112	0.68 %
Toluene	2	2	27,166	0.19 %
2,4,5-TP (Silvex)	2	2	27,166	0.19 %
1,2,4-Trichlorobenzene	2	2	27,166	0.19 %
1,1,1-Trichloroethane	2	2	27,166	0.19 %
1,1,2-Trichloroethane	2	2	27,166	0.19 %
Total Trihalomethanes (TTHM)	1	1	27,117	0.10 %
Trichloroethylene	2	2	27,166	0.19 %
Vinyl chloride	2	2	27,166	0.19 %
Xylenes	2	2	27,166	0.19 %

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 public notification be made to the public about the violation and any possible health effects. Operation permits are used to list not only monitoring requirements, but also any compliance schedules that the system may have 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 becomes binding.

If a system is unable or unwilling to mitigate a violation, an administrative order 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 meets the requirements to return it to compliance. In the case of a monitoring violation, it may be as simple as to collect the sample that was missed and conduct public notification. In the case where a system has an ongoing MCL violation, the system may have to install significant types of treatment to be able to successfully treat the water below the MCL. 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 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".

Enforcement Actions Data

In Iowa, each violation is linked to several enforcement actions through what are called “packages”. A package is a collection of enforcement actions. Packages are of two general types: standard package and significant non-compliance (SNC) package.

Standard Package

Each individual violation is linked to an individual “Standard Package”. 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. Most standard packages are not included in a SNC package.

SNC Package

A “SNC Package” generally involves multiple violations bundled into one package. For example, three nitrate MCL violations in a 12-month period require that action be taken to mitigate the nitrate contamination. In this example, the three violations, already linked to individual Standard Packages, are additionally linked (bundled) to a new SNC package. The additional enforcement actions required for this SNC package would likely include a bilateral compliance agreement with a schedule for the system to mitigate the problem. Returning this system to compliance might require an engineering study, installation of additional treatment facilities, and extended sampling to prove that the system is in compliance with the nitrate standard.

The table below lists the frequency of enforcement action assignment by standard and SNC packages.

Number of PWS	Number of Violations	Standard Package	SNC Package
1	1	NOV issued	AG Case Referred
83	119	NOV issued	<i>[not included in a SNC package]</i>
3	55	NOV issued	No EPA Enforcement Action
7	18	NOV issued	BCA issued
3	20	NOV issued	AO with Penalty
2	13	NOV issued	AG Case Referred
12	17	BCA issued	<i>[not included in a SNC package]</i>
1	3	BCA issued	BCA issued
501	1006	Compliance Achieved	<i>[not included in a SNC package]</i>
1	1	Compliance Achieved	No EPA Enforcement Action
1	3	Compliance Achieved	BCA issued
8	19	Compliance Achieved	AO with Penalty
1	1	Compliance Achieved	AO without Penalty
2	16	Compliance Achieved	AG Case Referred
22	69	Compliance Achieved	Compliance Achieved

Variations and Exemptions

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

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

The SDWA requires a PWS 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 samples,
- a Compliance Schedule has not been met, or
- a Health Advisory (HA) has been exceeded.

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;
- notify the consumers by the required public notification procedures; and
- provide proof of such public notice 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 PWS 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 PWS is not in compliance with any other requirement, including monitoring, public notification, operation, or administrative order.

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 PWS 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 2002, 25 CWS failed to prepare and distribute their CCR for 2001. 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 PWS 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 same to the IDNR. A PWS is returned to compliance when it publishes the appropriate public notification or public education language within the required amount of time and provides proof of same 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, 2002 through June 30, 2003, the program efforts included:

- implementation of new operator examinations,
- implementation of the new certified operator requirements for community and nontransient noncommunity water supplies,
- soliciting bids and awarding contracts for technical assistance and training contracts, and
- finalizing a contract for the development of a new operator certification database.

Demand for certification examinations remains strong, averaging about 100 examinations per month.

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.

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	163	4	167
	WD2	37	1	38
	WD3	5		5
	WD4	1		1
Grade A (WT and WD combined)		232	91	323
WT1	WD1	342	35	377
WT1	WD2	12		12
WT2	WD1	66	2	68
WT2	WD2	200	10	210
WT2	WD3	2	1	3
WT2	WD4	1		1
WT3	WD1	1		1
WT3	WD2	43		43
WT3	WD3	8	3	11
WT3	WD4	5		5
WT4	WD1		1	1
WT4	WD2	3		3
WT4	WD3	8		8
WT4	WD4	13		13

Operator Qualifications

In 2002, there were 2,506 active water distribution certificates, as indicated below:

Grade A	WD 1	WD 2	WD 3	WD 4
323	388	756	694	345

In 2002, there were 2,357 active water treatment certificates, as indicated below:

Grade A	WT 1	WT 2	WT 3	WT 4
323	757	878	242	157

Enforcement

Compliance actions were directed at 12 PWSs for not having a certified operator in charge of their water supply. License revocation actions were taken against two operators. Licenses were revoked for a period of two years, after which time each operator may re-apply for certification.

Certification Renewal

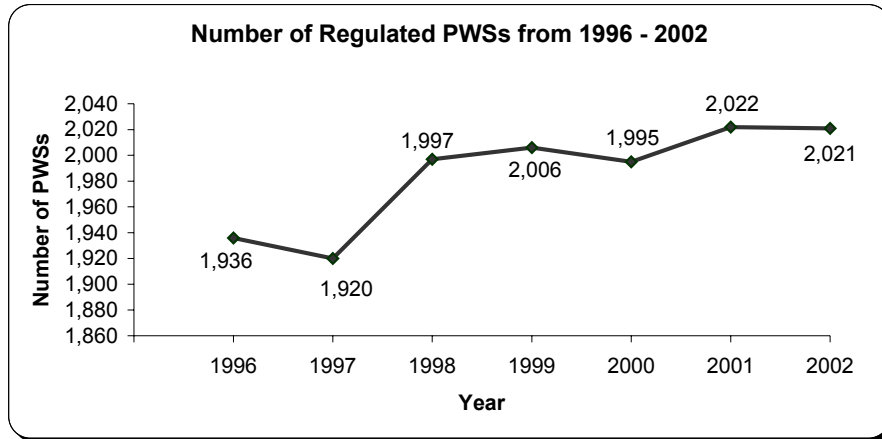
Operator certifications are renewed every two years, with the next renewal period ending in June 30, 2005. Continuing education requirements must be met by March 31, 2005 in order for the operator to renew for the next period. Operators holding a Grade A, 1 or 2 certification are required to earn 1.0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

Compliance Rates: 1996 - 2002

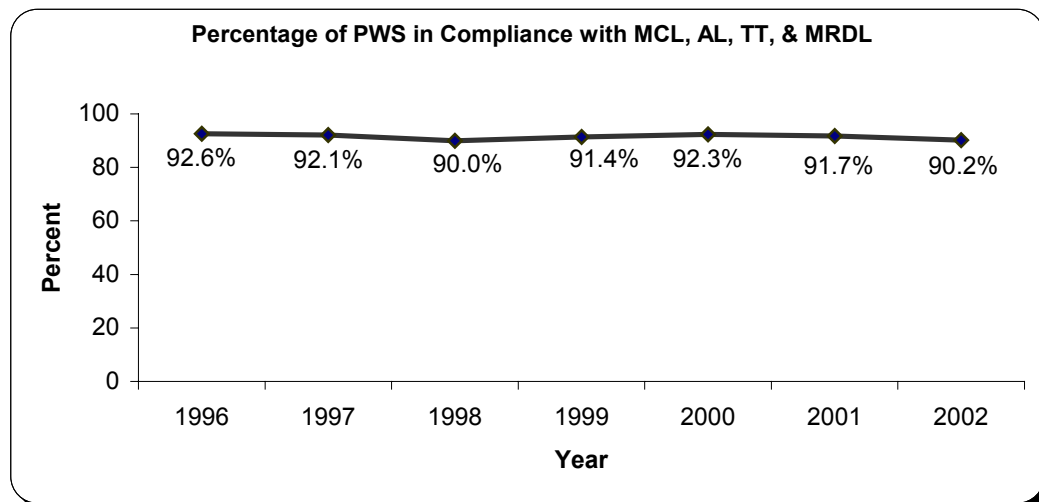
This section provides several charts that indicate the levels of compliance for key parameters during the seven years of the annual compliance report. Note that additional parameters were included in this report beginning in 1998, due to changes in the manner that data is gathered.

Compliance Charts: Number of Systems and Compliance Percentages

As indicated in the following chart, the number of regulated public water supplies in Iowa has increased over the past seven years.

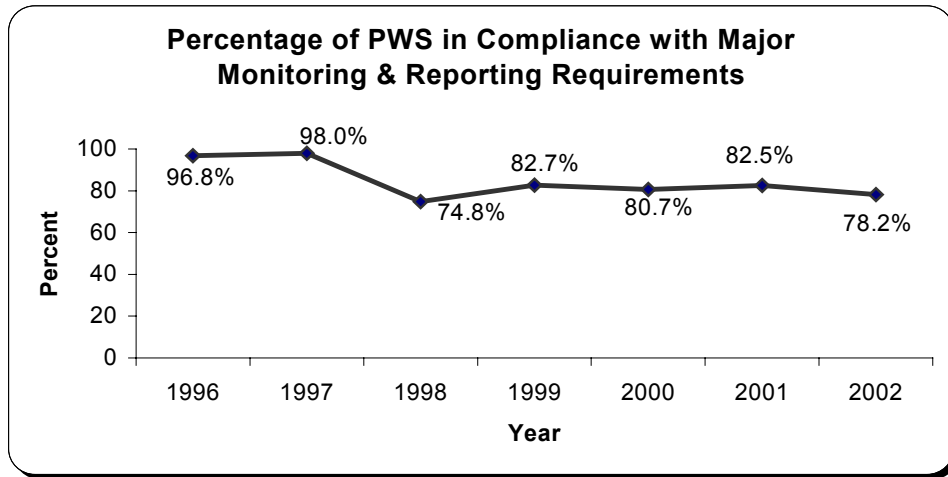


The chart below indicates that the number of public water supplies in compliance with all health-based standards (MCLs, ALs, TTs, and MRDLs) has fluctuated between 90.0% and 92.6% over the past seven years.



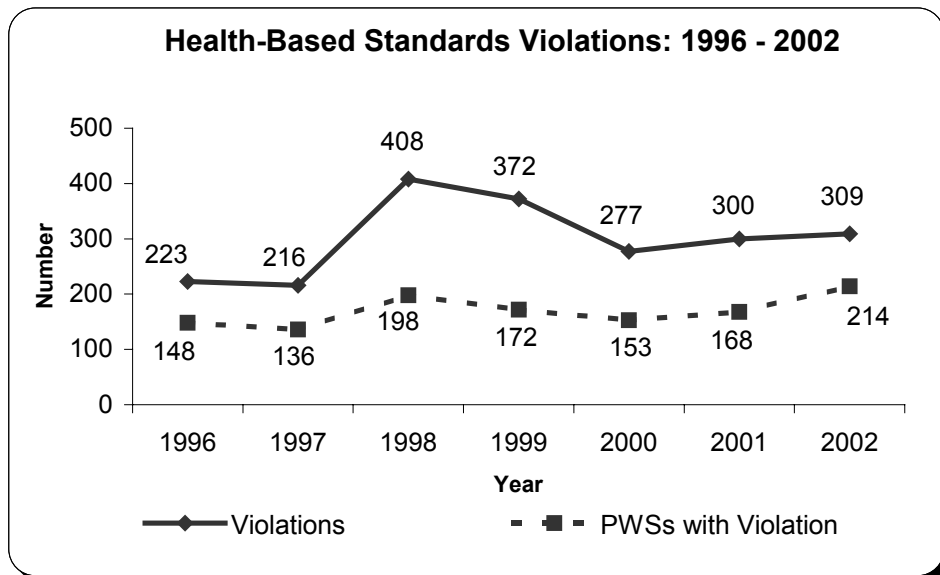
The number of public water supplies in compliance with all major monitoring and reporting requirements has fluctuated between 74.8% and 98.0% over the past seven years. In 2002, there were special sodium and arsenic monitoring requirements for many community public water systems. In spite of the issuance of new operation permits with the requirements and later

reminder letters, a significant number of systems did not collect the required sodium and arsenic samples. Those systems received a monitoring violation for each analyte that was not collected in the proper time frame. Of all of the monitoring and reporting violations issued in 2002, 22.7% were either sodium or arsenic monitoring violations. The following chart indicates the percentage of PWS in compliance with all major monitoring and reporting requirements.

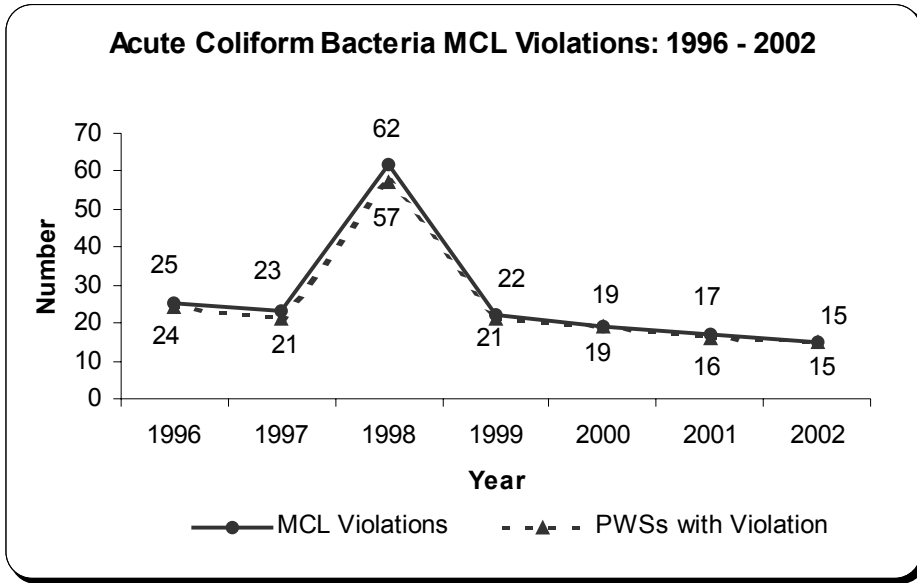


Compliance with Health-based Standards

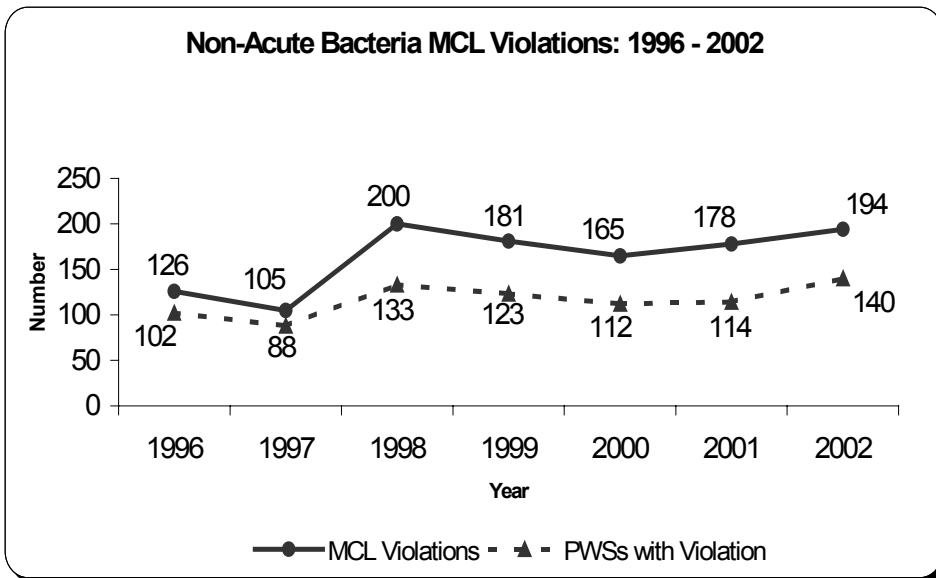
This chart indicates the number of systems with violations of health-based standards over the years (MCL, AL, TT, and MRDL), and the corresponding number of violations during the same time period.



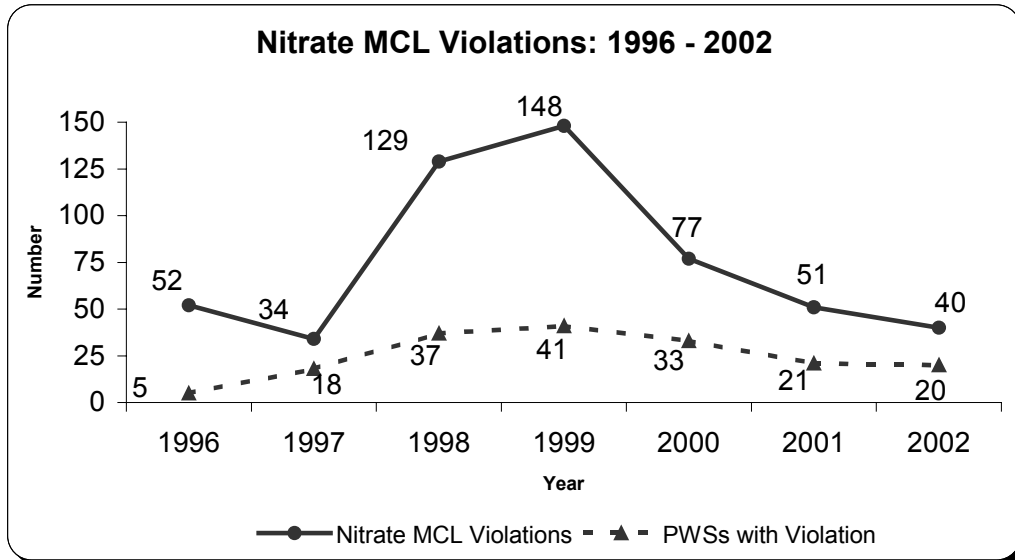
The number of acute coliform MCL violations, and the number of systems with those violations have continued to decrease, as indicated in the following chart. Acute coliform MCL violations are those that have confirmed presence of fecal coliform or *E. coli*.



The following chart indicates that the number of non-acute bacteria MCL violations has increased, as has the number of systems with at least one violation.

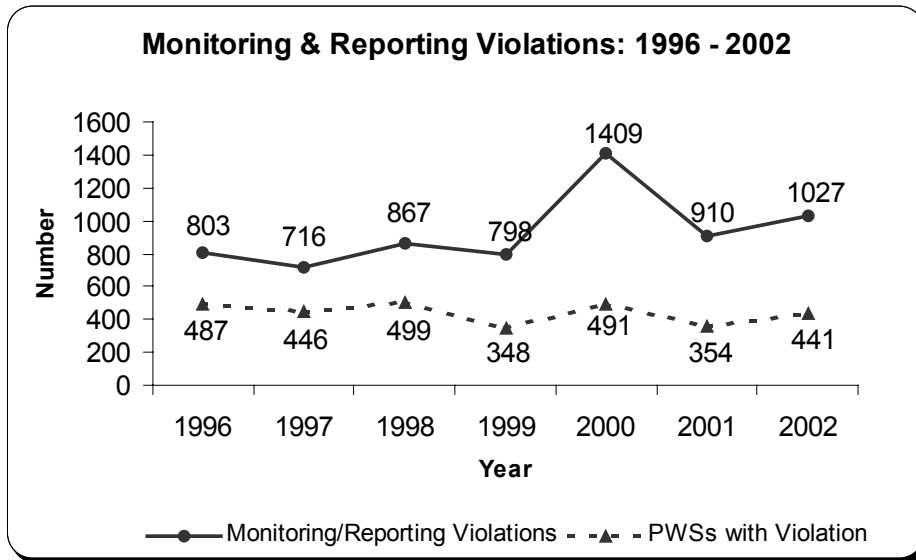


The number of nitrate MCL violations continues to decrease, as indicated in the following chart.



Compliance with Monitoring and Reporting Requirements

This chart indicates the number of systems with violations of monitoring or reporting requirements over the years and the corresponding number of violations during the same time period.



Public notification is required whenever a notice of violation is issued. In 2002, 32.3% of all systems required to conduct public notice have met the requirements. The IDNR has been tracking compliance with this requirement since 2000, and the compliance rate has remained essentially at the same level.

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 chemicals
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 system
WT	water treatment plant
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 State of Iowa has determined that 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
- The 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,
- notify the public water systems identified in the detailed report of the availability of the report, and
- make the detailed and summary report available for individuals and organizations upon request.

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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 being monitored for SDWA compliance. This report lists the number of violations of each contaminant categorized by both MCL and Monitoring & Reporting Violations.

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, 2002 through December 31, 2002

Organic Contaminants	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
1,1,1-Trichloroethane	0.2	-0-	-0-	-0-	-0-	2	2
1,1,2-Trichloroethane	0.005	-0-	-0-	-0-	-0-	2	2
1,1-Dichloroethylene	0.007	-0-	-0-	-0-	-0-	2	2
1,2,4-Trichlorobenzene	0.07	-0-	-0-	-0-	-0-	2	2
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	-0-	-0-	-0-	-0-	-0-	-0-
1,2-Dichloroethane	0.005	-0-	-0-	-0-	-0-	2	2
1,2-Dichloropropane	0.005	-0-	-0-	-0-	-0-	2	2
2,3,7,8-TCDD (Dioxin)	0.00000008	-0-	-0-	-0-	-0-	-0-	-0-
2,4,5-TP (Silvex)	0.05	-0-	-0-	-0-	-0-	2	2
2,4-D	0.07	-0-	-0-	-0-	-0-	2	2
Acrylamide		-0-	-0-	-0-	-0-	-0-	-0-
Alachlor (Lasso)	0.002	-0-	-0-	-0-	-0-	4	4
Atrazine	0.003	-0-	-0-	-0-	-0-	6	6
Benzene	0.005	-0-	-0-	-0-	-0-	2	2
Benzo[a]pyrene	0.0002	-0-	-0-	-0-	-0-	3	3
Carbofuran	0.04	-0-	-0-	-0-	-0-	-0-	-0-
Carbon tetrachloride	0.005	-0-	-0-	-0-	-0-	2	2
Chlordane	0.002	-0-	-0-	-0-	-0-	-0-	-0-

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
cis-1,2-Dichloroethylene	0.07	-0-	-0-	-0-	-0-	2	2
Cyanazine	none	-0-	-0-	-0-	-0-	1	1
Dalapon	0.2	-0-	-0-	-0-	-0-	2	2
Di(2-ethylhexyl)adipate	0.4	-0-	-0-	-0-	-0-	3	3
Di(2-ethylhexyl)phthalate (Total Phthalates)	0.006	-0-	-0-	-0-	-0-	3	3
Dichloromethane	0.005	-0-	-0-	-0-	-0-	2	2
Dinoseb	0.007	-0-	-0-	-0-	-0-	2	2
Diquat	0.02	-0-	-0-	-0-	-0-	-0-	-0-
Endothall	0.1	-0-	-0-	-0-	-0-	-0-	-0-
Endrin	0.002	-0-	-0-	-0-	-0-	-0-	-0-
Epichlorohydrin		-0-	-0-	-0-	-0-	-0-	-0-
Ethylbenzene	0.7	-0-	-0-	-0-	-0-	2	2
Ethylene dibromide	0.00005	-0-	-0-	-0-	-0-	-0-	-0-
Glyphosate	0.7	-0-	-0-	-0-	-0-	-0-	-0-
Heptachlor	0.0004	-0-	-0-	-0-	-0-	-0-	-0-
Heptachlor epoxide	0.0002	-0-	-0-	-0-	-0-	-0-	-0-
Hexachlorobenzene	0.001	-0-	-0-	-0-	-0-	-0-	-0-
Hexachlorocyclopentadiene	0.05	-0-	-0-	-0-	-0-	-0-	-0-
Lindane	0.0002	-0-	-0-	-0-	-0-	-0-	-0-
Methoxychlor	0.04	-0-	-0-	-0-	-0-	-0-	-0-

Organic Contaminants, continued	MCL (mg/L)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations	Number of Violations	Number of Systems With Violations
Monochlorobenzene	0.1	-0-	-0-	-0-	-0-	2	2
o-Dichlorobenzene	0.6	-0-	-0-	-0-	-0-	2	2
Oxamyl (Vydate)	0.2	-0-	-0-	-0-	-0-	-0-	-0-
para-Dichlorobenzene	0.075	-0-	-0-	-0-	-0-	2	2
Pentachlorophenol	0.001	-0-	-0-	-0-	-0-	2	2
Picloram	0.5	-0-	-0-	-0-	-0-	2	2
Simazine	0.004	-0-	-0-	-0-	-0-	3	3
Styrene	0.1	-0-	-0-	-0-	-0-	2	2
Tetrachloroethylene	0.005	-0-	-0-	-0-	-0-	2	2
Toluene	1	-0-	-0-	-0-	-0-	2	2
Total polychlorinated biphenyls	0.0005	-0-	-0-	-0-	-0-	-0-	-0-
Toxaphene	0.003	-0-	-0-	-0-	-0-	-0-	-0-
trans-1,2-Dichloroethylene	0.1	-0-	-0-	-0-	-0-	2	2
Trichloroethylene	0.005	-0-	-0-	-0-	-0-	2	2
Vinyl chloride	0.002	-0-	-0-	-0-	-0-	2	2
Xylenes (total)	10	-0-	-0-	-0-	-0-	3	3
Haloacetic acids (only required of large surface water systems)	0.060	-0-	-0-	-0-	-0-	-0-	-0-
Total trihalomethanes	0.10 (0.080 for large SW systems)	5	2	-0-	-0-	1	1

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-	6	5
Arsenic	0.05	6	2	-0-	-0-	132	114
Asbestos	7 million fibers/ 10 µm long	-0-	-0-	-0-	-0-	-0-	-0-
Barium	2	-0-	-0-	-0-	-0-	7	6
Beryllium	0.004	-0-	-0-	-0-	-0-	-0-	-0-
Cadmium	0.005	-0-	-0-	-0-	-0-	7	6
Chromium	0.1	-0-	-0-	-0-	-0-	7	6
Cyanide (as free cyanide) * <i>(*No monitoring required in 2002 for cyanide)</i>	0.2	-0-	-0-	-0-	-0-	-0-	-0-
Fluoride	4.0	-0-	-0-	-0-	-0-	6	5
Mercury	0.002	-0-	-0-	-0-	-0-	7	6
Nitrate	10 (as Nitrogen)	40	20	-0-	-0-	222	157
Nitrite	1 (as Nitrogen)	1	1	-0-	-0-	29	23
Selenium	0.05	-0-	-0-	-0-	-0-	7	6
Sodium	not applicable	-0-	-0-	-0-	-0-	101	86
Thallium	0.002	-0-	-0-	-0-	-0-	7	6
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-	3	3
Radium-226 and radium-228	5 pCi/L	9	4	-0-	-0-	13	11
Gross beta	4 mrem/year	-0-	-0-	-0-	-0-	-0-	-0-
Subtotal		9	4	-0-	-0-	16	14

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	15	15	-0-	-0-	-0-	-0-
Non-acute Total Coliform Bacteria MCL violation	Presence	194	140	-0-	-0-	-0-	-0-
Major routine and follow up Total Coliform Bacteria monitoring violation		-0-	-0-	-0-	-0-	346	228
Sanitary survey		-0-	-0-	-0-	-0-	State initiates Sanitary survey	State initiates Sanitary survey
Subtotal		209	155	-0-	-0-	346	228

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 *		-0-	-0-	-0-	-0-	-0-	-0-
Filtered systems *		-0-	-0-	-0-	-0-	-0-	-0-
Monitoring, routine/repeat		-0-	-0-	-0-	-0-	-0-	-0-
Treatment techniques		-0-	-0-	3	2	-0-	-0-
Unfiltered systems *		-0-	-0-	-0-	-0-	-0-	-0-
Monitoring, routine/repeat		-0-	-0-	-0-	-0-	-0-	-0-
Failure to filter		-0-	-0-	-0-	-0-	-0-	-0-
Subtotal		-0-	-0-	3	2	-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	only Lead: 16 only Copper: 20	only Lead: 14 only Copper: 16	-0-	-0-	-0-	-0-
Initial lead and copper tap M/R		-0-	-0-	-0-	-0-	-0-	-0-
Follow-up or routine lead and copper tap M/R		-0-	-0-	-0-	-0-	only Lead: 1 only Copper: 1 Both: 23	only Lead: 1 only Copper: 1 Both: 23
Treatment installation		-0-	-0-	-0-	-0-	-0-	-0-
Public education		-0-	-0-	-0-	-0-	-0-	-0-
Subtotal		36	29 (one had both Cu and Pb)	-0-	-0-	48	24

APPENDIX B: Iowa Public Water Supply Violation Data

All systems that incurred one or more violations during 2002 are listed in the following appendix, including the most recent enforcement action.

Legend

Item	Description
PWS NAME	Business name of the Public Water System
PWSID NUMBER	Public Water System Identification number, a unique and dedicated number permanently assigned to each PWS
POPULATION	Population that could use the water, reported to IDNR by the PWS. For municipal systems, it is the most recent official census
COUNTY	County location of PWS
<input checked="" type="checkbox"/>	This box indicates that the PWS is classified as "seasonal" system that is only open for a portion of the year.
ANALYTE NAME	The analyte that triggered the violation.
VIOLATION NAME	The EPA-assigned text description of the violation.
VIOLATION NUMBER	A unique and dedicated identification number assigned to each violation as it occurs.
COMPLIANCE BEGIN DATE	Date at the beginning of the compliance period in which the violation occurred.
ENFORCEMENT ACTION	Most recent action taken by the PWS or the IDNR in response to the violation. The final action for any violation is " Compliance Achieved", meaning the system is now back in compliance.
DATE OF ACTION	Date the follow-up action or enforcement action occurred

Violation - Enforcement Action Links

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
2843706 "R" PLACE Coliform, Total (TCR)	Routine Major	Population: 25 2002-0524	County: DELAWARE 6/30/2002	10/7/2002, Compliance Achieved	
3158740 4 WAY TAP Coliform, Total (TCR)	MCL (TCR), Monthly	Population: 27 2002-0466	County: DUBUQUE 4/30/2002	10/29/2002, Compliance Achieved	11/19/2002, Compliance Achieved
Coliform, Fecal	MCL (TCR), Acute	2002-0468	4/30/2002	10/29/2002, Compliance Achieved	11/19/2002, Compliance Achieved
2328801 61 DRIVE-IN THEATRE Nitrite (as N)	Routine Major	Population: 27 2002-0537	County: CLINTON 6/30/2002	8/27/2002, Compliance Achieved	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0537	6/30/2002	8/27/2002, Compliance Achieved	
5700900 ABBE CENTER FOR COMMUNITY CARE Coliform, Total (TCR)	Routine Major	Population: 350 2003-0066	County: LINN 10/31/2002	12/16/2002, Compliance Achieved	
2503003 ADEL MUNICIPAL WATER WORKS Arsenic	Routine Major	Population: 3435 2003-0056	County: DALLAS 9/30/2002	11/7/2002, Compliance Achieved	
7836201 AEROPLANE INN Nitrate (as N)	Routine Major	Population: 25 2002-0447	County: POTTAWATTAMIE 3/31/2002	4/25/2002, Compliance Achieved	
0375180 AGRI PROCESSORS, INC. Copper	Routine Tap	Population: 175 2003-0080	County: ALLAMAKEE 9/30/2002	11/21/2002, NOV issued	
Lead	Routine Tap	2003-0080	9/30/2002	11/21/2002, NOV issued	
9203007 AINSWORTH WATER WORKS Arsenic	Routine Major	Population: 524 2002-0461	County: WASHINGTON 3/31/2002	5/29/2002, Compliance Achieved	
Sodium	Routine Major	2002-0462	3/31/2002	5/29/2002, Compliance Achieved	
1970410 AIRPORT LAKE PARK-CHICKASAW CCB Coliform, Total (TCR)	MCL (TCR), Monthly	Population: 50 2002-0487	County: CHICKASAW 5/31/2002	5/20/2002, NOV issued	7/3/2002, BCA issued
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0492	6/30/2002	6/17/2002, NOV issued	7/3/2002, BCA issued
Coliform, Fecal	MCL (TCR), Acute	2002-0511	6/30/2002	6/28/2002, NOV issued	7/3/2002, BCA issued
5715202 AIRPORT NATIONAL PUBLIC GOLF COMPLEX Coliform, Total (TCR)	Routine Major	Population: 260 2002-0444	County: LINN 3/31/2002	4/1/2002, Compliance Achieved	<input checked="" type="checkbox"/>
5704012 ALBURNETT WATER SUPPLY Coliform, Total (TCR)	MCL (TCR), Monthly	Population: 559 2002-0491	County: LINN 6/30/2002	4/14/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0002	10/31/2002	4/14/2003, Compliance Achieved	
4213013 ALDEN WATER SUPPLY Sodium	Routine Major	Population: 904 2002-0461	County: HARDIN 3/31/2002	4/24/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0461	3/31/2002	4/24/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
8403029 Copper	ALTON MUNICIPAL WATER DEPARTMENT AL, 90th Percentile	Population: 1095 2003-0103	County: SIoux 12/31/2002	1/8/2003, NOV issued	
7707030 Radium, Combined (226, 228)	ALTOONA WATER SUPPLY MCL, Single	Population: 10349 2003-0162	County: POLK 6/30/2002	3/28/2003, NOV issued	
5502944 Nitrate (as N)	AMBROSE A CALL STATE PARK Routine Major	Population: 63 2002-0530	County: KOSSUTH 6/30/2002	8/5/2002, Compliance Achieved	<input checked="" type="checkbox"/>
5285205 Coliform, Total (TCR)	AMERICAN LEGION Routine Major	Population: 100 2003-0090	County: JOHNSON 11/30/2002	12/30/2002, Compliance Achieved	
5625217 Coliform, Total (TCR)	AMERICANA BOWL Routine Major	Population: 110 2002-0541	County: LEE 6/30/2002	9/26/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2002-0541	6/30/2002	9/26/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0541	6/30/2002	9/26/2002, Compliance Achieved	
5300947 Arsenic	ANAMOSA STATE PENITENTIARY Routine Major	Population: 1725 2002-0546	County: JONES 6/30/2002	8/12/2002, Compliance Achieved	
Sodium	Routine Major	2002-0546	6/30/2002	8/12/2002, Compliance Achieved	
Sodium	Routine Major	2002-0546	6/30/2002	8/12/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0546	6/30/2002	8/12/2002, Compliance Achieved	
2232776 Nitrate (as N)	ANCHOR INN (GARBER) Routine Major	Population: 35 2003-0072	County: CLAYTON 10/31/2002	11/25/2002, Compliance Achieved	
4900901 Coliform, Total (TCR)	ANDREW JACKSON CARE MCL (TCR), Monthly	Population: 40 2002-0600	County: JACKSON 9/30/2002	3/11/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
7709053 ANKENY, CITY OF		Population:	27117	County: POLK	
Total Trihalomethanes (TTHM)	Routine Major	2003-0028	9/30/2002	11/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Nitrate (as N)	Routine Major	2003-0035	9/30/2002	11/5/2002, NOV issued	
Nitrite (as N)	Routine Major	2003-0035	9/30/2002	11/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Sodium	Routine Major	2003-0048	9/30/2002	11/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Gross Alpha, excluding Rn & U	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Dalapon	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Di(2-Ethylhexyl) Adipate	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Simazine	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Di(2-Ethylhexyl) Phthalate	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Picloram	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Dinoseb	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Atrazine	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Alachlor (Lasso)	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
2,4-D	Routine Major	2003-0068	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
2,4,5-TP (Silvex)	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Benzo (a) Pyrene	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Pentachlorophenol	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Dichloromethane	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
o-Dichlorobenzene	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
p-Dichlorobenzene	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Vinyl Chloride	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
1,1-Dichloroethylene	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
trans-1,2-Dichloroethylene	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
1,2-Dichloroethane	Routine Major	2003-0069	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
1,1,1-Trichloroethane	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Carbon Tetrachloride	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
1,2-Dichloropropane	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Trichloroethylene	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
1,1,2-Trichloroethane	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Tetrachloroethylene	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Monochlorobenzene	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Benzene	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
Toluene	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Ethylbenzene	Routine Major	2003-0070	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Styrene	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
1,2,4-Trichlorobenzene	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
cis-1,2-Dichloroethylene	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Xylenes	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Arsenic	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Barium	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Cadmium	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Chromium	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Fluoride	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Mercury	Routine Major	2003-0071	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Sodium	Routine Major	2003-0072	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Antimony	Routine Major	2003-0072	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Thallium	Routine Major	2003-0072	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Selenium	Routine Major	2003-0072	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Radium, Combined (226, 228)	Routine Major	2003-0072	9/30/2002	12/5/2002, NOV issued	2/17/2003, No EPA Enforcement Action
Nitrate (as N)	Confirmation/Check Major	2003-0106	12/31/2002	1/27/2003, NOV issued	2/17/2003, No EPA Enforcement Action
Nitrite (as N)	Confirmation/Check Major	2003-0106	12/31/2002	1/27/2003, NOV issued	2/17/2003, No EPA Enforcement Action
2326101 ARCHER DANIELS MIDLAND COMPANY # 1		Population:	900	County: CLINTON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0466	6/30/2002	4/30/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0059	12/31/2002	4/30/2003, Compliance Achieved	
3203066 ARMSTRONG WATER SUPPLY		Population:	979	County: EMMET	
Arsenic	Routine Major	2002-0458	3/31/2002	4/22/2002, Compliance Achieved	
1700649 ASHLEY INN MOTEL & TRAILER CT.		Population:	40	County: CERRO GORDO	
Nitrate (as N)	Routine Major	2002-0530	6/30/2002	7/23/2002, Compliance Achieved	
Sodium	Routine Major	2003-0049	9/30/2002	11/20/2002, Compliance Achieved	
Consumer Confidence Reports	Consumer Confidence Report	2003-0098	7/31/2002	7/23/2002, NOV issued	
8104076 AUBURN WATER SUPPLY		Population:	296	County: SAC	
Arsenic	Routine Major	2002-0546	6/30/2002	7/29/2002, Compliance Achieved	
Sodium	Routine Major	2002-0546	6/30/2002	7/29/2002, Compliance Achieved	
Copper	Routine Tap	2003-0029	9/30/2002	6/16/2003, Compliance Achieved	
Lead	Routine Tap	2003-0029	9/30/2002	6/16/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
1803079	AURELIA WATER SUPPLY	Population:	1062	County: CHEROKEE	
Arsenic	Routine Major	2002-0549	6/30/2002	7/30/2002, Compliance Achieved	
Sodium	Routine Major	2002-0549	6/30/2002	7/30/2002, Compliance Achieved	
7709601	AUTUMN RIDGE ESTATES MHP	Population:	25	County: POLK	
Coliform, Total (TCR)	Routine Major	2002-0415	1/31/2002	2/12/2002, Compliance Achieved	
3128314	AVALON SUPPER CLUB INC.	Population:	53	County: DUBUQUE	
Nitrate (as N)	Routine Major	2002-0533	6/30/2002	10/22/2002, Compliance Achieved	
Nitrate (as N)	Confirmation/Check Major	2002-0607	8/31/2002	10/22/2002, Compliance Achieved	
7403081	AYRSHIRE WATER WORKS	Population:	209	County: PALO ALTO	
Copper	Routine Tap	2003-0004	9/30/2002	10/14/2002, NOV issued	
Lead	Routine Tap	2003-0004	9/30/2002	10/14/2002, NOV issued	
2279854	BACKBONE GOLF AND COUNTRY CLUB	Population:	64	County: DELAWARE	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	9/10/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0535	6/30/2002	9/10/2002, Compliance Achieved	
2821906	BACKBONE STATE PARK	Population:	25	County: DELAWARE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0005	10/31/2002	4/28/2003, Compliance Achieved	
3902083	BAGLEY WATER SUPPLY	Population:	354	County: GUTHRIE	
Coliform, Total (TCR)	Routine Major	2002-0570	7/31/2002	8/26/2002, Compliance Achieved	
Copper	Routine Tap	2003-0081	9/30/2002	11/25/2002, NOV issued	
Lead	Routine Tap	2003-0081	9/30/2002	11/25/2002, NOV issued	
5507085	BANCROFT WATER SUPPLY	Population:	808	County: KOSSUTH	
Radium, Combined (226, 228)	Routine Major	2003-0077	9/30/2002	10/7/2002, Compliance Achieved	
3937444	BAR-L-RANCH	Population:	56	County: GUTHRIE	
Coliform, Total (TCR)	Routine Major	2002-0525	6/30/2002	7/29/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0021	9/30/2002	12/30/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0066	10/31/2002	12/30/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0089	11/30/2002	12/30/2002, Compliance Achieved	
4709090	BATTLE CREEK WATER SUPPLY	Population:	743	County: IDA	
Coliform, Total (TCR)	Routine Major	2003-0023	9/30/2002	10/2/2002, Compliance Achieved	
Sodium	Routine Major	2003-0131	12/31/2002	1/13/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0131	12/31/2002	1/13/2003, Compliance Achieved	
2509202	BEACH GIRLS BAR	Population:	155	County: DALLAS	
Coliform, Total (TCR)	Routine Major	2003-0092	11/30/2002	12/26/2002, Compliance Achieved	
2800622	BEACHLAND INN	Population:	40	County: DELAWARE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0616	9/30/2002	3/17/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
6203093 BEACON WATER SUPPLY		Population:	518	County: MAHASKA	
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	7/23/2002, NOV issued	
0709886 BEAVER HILLS COUNTRY CLUB		Population:	107	County: BLACK HAWK	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0448	3/31/2002	4/1/2002, Compliance Achieved	
8709096 BEDFORD WATER WORKS		Population:	1620	County: TAYLOR	
Total Trihalomethanes (TTHM)	MCL, Average	2002-0440	3/31/2002	9/30/2003, Compliance Achieved	
Total Trihalomethanes (TTHM)	MCL, Average	2002-0488	6/30/2002	9/30/2003, Compliance Achieved	
Total Trihalomethanes (TTHM)	MCL, Average	2002-0597	9/30/2002	9/30/2003, Compliance Achieved	
Total Trihalomethanes (TTHM)	MCL, Average	2003-0061	12/31/2002	9/30/2003, Compliance Achieved	
3544931 BEEDS LAKE STATE PARK SOUTH		Population:	102	County: FRANKLIN	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0502	5/31/2002	8/5/2002, Compliance Achieved	
1178301 BEL AIR BETTERMENT CORPORATION		Population:	98	County: BUENA VISTA	
Coliform, Total (TCR)	Routine Major	2002-0423	2/28/2002	4/1/2002, Compliance Achieved	
1074601 BEN HAVEN MOBILE HOME PARK		Population:	100	County: BUCHANAN	
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	10/17/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0569	7/31/2002	10/17/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0014	9/30/2002	10/17/2002, Compliance Achieved	
Consumer Confidence Reports	Consumer Confidence Report	2003-0098	7/31/2002	7/23/2002, NOV issued	
Coliform, Total (TCR)	Routine Major	2003-0108	12/31/2002	3/26/2003, Compliance Achieved	
3342890 BIG ROCK COUNTRY CLUB		Population:	52	County: FAYETTE	
Nitrate (as N)	Routine Major	2002-0415	1/31/2002	2/4/2002, Compliance Achieved	12/19/2002, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0448	3/31/2002	6/11/2002, Compliance Achieved	12/19/2002, Compliance Achieved
Nitrate (as N)	MCL, Single	2002-0555	7/31/2002	5/6/2003, Compliance Achieved	5/6/2003, Compliance Achieved
Nitrate (as N)	MCL, Single	2002-0561	8/31/2002	5/6/2003, Compliance Achieved	5/6/2003, Compliance Achieved
Nitrate (as N)	MCL, Single	2002-0616	9/30/2002	5/6/2003, Compliance Achieved	5/6/2003, Compliance Achieved
Nitrate (as N)	MCL, Single	2003-0062	11/30/2002	5/6/2003, Compliance Achieved	5/6/2003, Compliance Achieved
9630773 BLUFFTON STORE		Population:	163	County: WINNESHIEK	
Coliform, Total (TCR)	Routine Major	2002-0445	3/31/2002	4/1/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0113	12/31/2002	1/27/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
5331201 BOGS BAR		Population:	27	County: JONES	
Coliform, Total (TCR)	Routine Major	2002-0416	1/31/2002	7/2/2002, Compliance Achieved	11/20/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2002-0435	2/28/2002	7/2/2002, Compliance Achieved	11/20/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2002-0454	3/31/2002	7/2/2002, Compliance Achieved	11/20/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2002-0486	4/30/2002	7/2/2002, Compliance Achieved	11/20/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2002-0508	5/31/2002	12/16/2002, Compliance Achieved	11/20/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2002-0540	6/30/2002	1/6/2003, Compliance Achieved	11/20/2002, AG Case Referred
Nitrate (as N)	Routine Major	2002-0540	6/30/2002	1/6/2003, Compliance Achieved	11/20/2002, AG Case Referred
Nitrate (as N)	Confirmation/Check Major	2002-0609	8/31/2002	1/6/2003, Compliance Achieved	11/20/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2002-0614	8/31/2002	1/6/2003, Compliance Achieved	11/20/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2003-0044	9/30/2002	12/16/2002, Compliance Achieved	11/20/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2003-0093	11/30/2002	12/16/2002, Compliance Achieved	11/20/2002, AG Case Referred
9644202 BONNIE & KLYDE'S		Population:	42	County: WINNESHIEK	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0003	12/31/2002	3/26/2003, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2003-0011	10/11/2002	11/13/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2003-0065	10/25/2002	11/13/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2003-0065	10/25/2002	11/13/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0120	12/31/2002	2/5/2003, Compliance Achieved	
4070201 BOONDOCKS CAFE		Population:	945	County: HAMILTON	
Coliform, Total (TCR)	Routine Major	2002-0453	3/31/2002	9/24/2002, Compliance Achieved	11/25/2002, AO w/ Penalty
Nitrate (as N)	Routine Major	2002-0535	6/30/2002	9/24/2002, Compliance Achieved	11/25/2002, AO w/ Penalty
Nitrate (as N)	Routine Major	2002-0540	6/30/2002	9/24/2002, Compliance Achieved	11/25/2002, AO w/ Penalty
Coliform, Total (TCR)	Routine Major	2002-0540	6/30/2002	9/24/2002, Compliance Achieved	11/25/2002, AO w/ Penalty
Nitrate (as N)	Confirmation/Check Major	2002-0609	8/31/2002	9/24/2002, Compliance Achieved	
8409037 BOYDEN MUNICIPAL WATER SUPPLY		Population:	687	County: SIOUX	
Arsenic	Routine Major	2002-0457	3/31/2002	4/22/2002, Compliance Achieved	
Sodium	Routine Major	2002-0457	3/31/2002	4/22/2002, Compliance Achieved	
1967222 BRADFORD HOUSE		Population:	110	County: CHICKASAW	
Nitrate (as N)	Routine Major	2003-0038	9/30/2002	11/12/2002, Compliance Achieved	
5282309 BRANNAMAN'S FIRST ADDITION HOA		Population:	27	County: JOHNSON	
Coliform, Total (TCR)	Routine Major	2003-0078	10/31/2002	12/9/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0093	11/30/2002	12/9/2002, Compliance Achieved	
4063953 BRIGGS WOODS PARK		Population:	107	County: HAMILTON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0007	12/31/2002	4/16/2003, Compliance Achieved	



ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
5765201 BROGAN'S PUB & GRUB		Population:	63	County: LINN	
Coliform, Total (TCR)	Routine Major	2002-0444	3/31/2002	5/20/2002, Compliance Achieved	3/21/2003, AO w/ Penalty
Coliform, Total (TCR)	Routine Major	2002-0526	6/30/2002	7/1/2002, Compliance Achieved	3/21/2003, AO w/ Penalty
Coliform, Total (TCR)	Routine Major	2003-0111	12/31/2002	2/3/2003, Compliance Achieved	3/21/2003, AO w/ Penalty
9709046 BRONSON WATER SUPPLY		Population:	269	County: WOODBURY	
Nitrate (as N)	Routine Major	2002-0449	3/31/2002	5/28/2002, Compliance Achieved	
Copper	AL, 90th Percentile	2003-0154	9/30/2002	12/10/2002, NOV issued	
1600605 BROOKE AMOCO PLAZA MHP		Population:	45	County: CEDAR	
Coliform, Total (TCR)	Routine Major	2002-0412	1/31/2002	2/1/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0559	8/31/2002	2/21/2003, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2002-0560	8/31/2002	2/21/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0570	7/31/2002	8/2/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0053	9/30/2002	11/11/2002, Compliance Achieved	
Sodium	Routine Major	2003-0053	9/30/2002	11/11/2002, Compliance Achieved	
2330301 BROOKHILL ESTATES		Population:	36	County: CLINTON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0003	10/31/2002	5/6/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0060	11/30/2002	5/6/2003, Compliance Achieved	
7514049 BRUNSVILLE MUNICIPAL WATER SUPPLY		Population:	146	County: PLYMOUTH	
Consumer Confidence Reports	Consumer Confidence Report	2003-0098	7/31/2002	7/23/2002, NOV issued	
2322202 BS GENERAL STORE		Population:	27	County: CLINTON	
Nitrate (as N)	Routine Major	2002-0486	4/30/2002	5/6/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0120	12/31/2002	1/27/2003, Compliance Achieved	
4515782 BUBBA'S BAR & GRILL		Population:	42	County: HOWARD	
Coliform, Total (TCR)	Routine Major	2002-0443	3/31/2002	6/27/2002, Compliance Achieved	5/14/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2003-0041	9/30/2002	1/8/2003, Compliance Achieved	5/14/2003, Compliance Achieved
Nitrate (as N)	Confirmation/Check Major	2003-0087	11/30/2002	1/8/2003, Compliance Achieved	5/14/2003, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2003-0110	12/31/2002	2/27/2003, Compliance Achieved	5/14/2003, Compliance Achieved
2413001 BUCK GROVE		Population:	49	County: CRAWFORD	
Nitrate (as N)	MCL, Single	2002-0409	1/31/2002	7/10/2002, Compliance Achieved	
Nitrate (as N)	MCL, Single	2002-0418	2/28/2002	7/10/2002, Compliance Achieved	
Nitrate (as N)	MCL, Single	2002-0439	3/31/2002	7/10/2002, Compliance Achieved	7/10/2002, Compliance Achieved
Nitrate (as N)	MCL, Single	2002-0465	4/30/2002	7/10/2002, Compliance Achieved	
Nitrate (as N)	MCL, Single	2002-0487	5/31/2002	7/10/2002, Compliance Achieved	
Nitrate (as N)	MCL, Single	2002-0509	6/30/2002	7/10/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
3126210 Nitrate (as N)	BUDDE'S SHORT STOP Routine Major	Population: 2003-0044	27 9/30/2002	County: DUBUQUE 11/4/2002, Compliance Achieved	
2300601 Sodium	BUFFALO BILL ESTATES, INC. MHP Routine Major	Population: 2002-0463	80 3/31/2002	County: CLINTON 5/15/2002, Compliance Achieved	
5720975 Coliform, Total (TCR)	BUFFALO CREEK W.S., #01-36-HICKORY HILL Routine Major	Population: 2002-0494	25 5/31/2002	County: LINN 7/16/2002, Compliance Achieved	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0005	12/31/2002	10/17/2002, NOV issued	
8251903 Coliform, Total (TCR)	BUFFALO SHORES-SCOTT CONSERVATION Routine Major	Population: 2003-0030	25 9/30/2002	County: SCOTT 5/28/2003, Compliance Achieved	<input checked="" type="checkbox"/>
4929901 Coliform, Total (TCR)	BULGERS HOLLOW RECREATION AREA MCL (TCR), Monthly	Population: 2002-0516	77 9/30/2002	County: JACKSON 4/16/2003, Compliance Achieved	<input checked="" type="checkbox"/>
3170302 Coliform, Total (TCR)	BURDS GREEN ACRES SUBDIVISION MCL (TCR), Monthly	Population: 2002-0559	300 8/31/2002	County: DUBUQUE 5/7/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0000	10/31/2002	5/7/2003, Compliance Achieved	
5510060 Coliform, Total (TCR)	BURT WATER SUPPLY Routine Major	Population: 2002-0526	556 6/30/2002	County: KOSSUTH 8/22/2002, Compliance Achieved	
7052203 Coliform, Total (TCR)	BURT'S TAVERN Routine Major	Population: 2002-0541	32 6/30/2002	County: MUSCATINE 8/5/2002, Compliance Achieved	
2391203 Nitrate (as N)	BUZZY'S Routine Major	Population: 2003-0120	27 12/31/2002	County: CLINTON 1/7/2003, Compliance Achieved	
2320062 Lead	CALAMUS WATER SUPPLY Routine Tap	Population: 2003-0154	394 9/30/2002	County: CLINTON 7/8/2003, Compliance Achieved	
9615064 Sodium	CALMAR WATER SUPPLY Routine Major	Population: 2003-0129	1058 12/31/2002	County: WINNESHIEK 1/13/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0129	12/31/2002	1/13/2003, Compliance Achieved	
8215448 Arsenic	CAMP ABE LINCOLN Routine Major	Population: 2002-0459	230 3/31/2002	County: SCOTT 5/16/2002, Compliance Achieved	
2809812 Coliform, Total (TCR)	CAMP C S KLAUS BOY SCOUT CAMP Routine Major	Population: 2002-0610	152 8/31/2002	County: CLAYTON 5/29/2003, Compliance Achieved	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0018	9/30/2002	5/29/2003, Compliance Achieved	
8264446 Nitrate (as N)	CAMP CONESTOGA Routine Major	Population: 2002-0449	150 3/31/2002	County: SCOTT 6/26/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0030	9/30/2002	10/21/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
8264447	CAMP CONESTOGA NO3	Population:	128	County: SCOTT	
Nitrate (as N)	Routine Major	2002-0446	3/31/2002	6/26/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0030	9/30/2002	10/21/2002, Compliance Achieved	
2279402	CAMP EWALU - PIONEER	Population:	27	County: CLAYTON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0511	6/30/2002	6/28/2002, NOV issued	
2279403	CAMP EWALU - POOL	Population:	27	County: CLAYTON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0569	7/31/2002	8/12/2002, Compliance Achieved	
5792401	CAMP HITAGA	Population:	84	County: LINN	
Coliform, Total (TCR)	Routine Major	2002-0526	6/30/2002	7/15/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0552	9/30/2002	5/5/2003, Compliance Achieved	10/17/2002, BCA issued
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0562	8/31/2002	5/5/2003, Compliance Achieved	10/17/2002, BCA issued
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0601	9/30/2002	5/5/2003, Compliance Achieved	10/17/2002, BCA issued
Coliform, Total (TCR)	Repeat Major	2003-0009	9/26/2002	10/7/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2003-0009	9/26/2002	10/7/2002, Compliance Achieved	
0990401	CAMP INGAWANIS-MAPLE WELL	Population:	406	County: BREMER	
Nitrate (as N)	Routine Major	2002-0539	6/30/2002	8/29/2002, Compliance Achieved	
0890490	CAMP MITIGWA	Population:	250	County: POLK	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0060	11/30/2002	11/8/2002, NOV issued	
1716417	CAMP TANGLEFOOT	Population:	25	County: CERRO GORDO	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0509	6/30/2002	12/17/2002, Compliance Achieved	
2326201	CANYON CREEK GOLF COURSE	Population:	45	County: CLINTON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0440	6/30/2002	6/25/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0516	9/30/2002	6/25/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0561	8/31/2002	6/25/2003, Compliance Achieved	
9113071	CARLISLE WATER SUPPLY	Population:	3497	County: WARREN	
Nitrate (as N)	Routine Major	2002-0529	6/30/2002	8/9/2002, Compliance Achieved	
5322201	CARLSON COUNTRY STORE / FAIRVIEW	Population:	414	County: JONES	
Coliform, Total (TCR)	Routine Major	2003-0118	12/31/2002	1/24/2003, NOV issued	
Nitrate (as N)	Routine Major	2003-0118	12/31/2002	1/24/2003, NOV issued	
6616772	CARPENTER BAR/GRILL	Population:	52	County: MITCHELL	
Coliform, Total (TCR)	Routine Major	2002-0526	6/30/2002	7/16/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0530	6/30/2002	7/16/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0111	12/31/2002	1/22/2003, NOV issued	
Nitrate (as N)	Routine Major	2003-0115	12/31/2002	2/17/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
9233202 CARRIAGE HOUSE		Population: 30	County: WASHINGTON		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0408	3/31/2002	10/9/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0440	6/30/2002	10/9/2002, Compliance Achieved	
1415072 CARROLL MUNICIPAL WATER SUPPLY		Population: 10098	County: CARROLL		
Lead	AL, 90th Percentile	2002-0615	9/30/2002	9/19/2002, NOV issued	
5009203 CASEYS GENERAL STORE - COLFAX		Population: 642	County: JASPER		
Coliform, Total (TCR)	Routine Major	2002-0538	6/30/2002	1/29/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0043	9/30/2002	5/22/2003, Compliance Achieved	
6715083 CASTANA MUNICIPAL WATER SUPPLY		Population: 178	County: MONONA		
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0061	11/30/2002	5/31/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0124	12/31/2002	2/5/2003, Compliance Achieved	
Sodium	Routine Major	2003-0124	12/31/2002	2/5/2003, Compliance Achieved	
3126204 CAT'S WHARF		Population: 52	County: DUBUQUE		
Coliform, Total (TCR)	Repeat Major	2002-0564	7/12/2002	8/1/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0565	7/31/2002	8/1/2002, Compliance Achieved	
5715744 CED REL SUPPER CLUB AND MOTEL		Population: 38	County: LINN		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0405	1/31/2002	10/9/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0444	3/31/2002	5/22/2002, Compliance Achieved	
0709600 CEDAR FALLS MOBILE HOME VILLAGE		Population: 440	County: BLACK HAWK		
Arsenic	Routine Major	2003-0052	9/30/2002	10/25/2002, Compliance Achieved	
Sodium	Routine Major	2003-0052	9/30/2002	10/25/2002, Compliance Achieved	
3100823 CEDAR HILLS APARTMENTS		Population: 60	County: DUBUQUE		
Sodium	Routine Major	2003-0129	12/31/2002	2/3/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0129	12/31/2002	2/3/2003, Compliance Achieved	
1074401 CEDAR ROCK VISITOR'S CENTER		Population: 107	County: BUCHANAN		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0489	6/30/2002	5/2/2003, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2002-0490	6/30/2002	5/2/2003, Compliance Achieved	
3414494 CEDAR SPRINGS WESLEYAN CAMP		Population: 25	County: FLOYD		
Coliform, Total (TCR)	Routine Major	2003-0020	9/30/2002	11/4/2002, Compliance Achieved	
5815825 CEDARCREST GOLF & COUNTRY CLUB		Population: 146	County: LOUISA		<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0535	6/30/2002	8/27/2002, Compliance Achieved	
5315005 CENTER JUNCTION WATER DEPT		Population: 131	County: JONES		
Sodium	Routine Major	2003-0124	12/31/2002	2/3/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0124	12/31/2002	2/3/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
7820851	CENTRAL BAPTIST CHURCH	Population:	101	County: POTTAWATTAMIE	
Nitrate (as N)	Routine Major	2002-0531	6/30/2002	8/7/2002, Compliance Achieved	
5720010	CENTRAL CITY WATER SUPPLY	Population:	1157	County: LINN	
Sodium	Routine Major	2003-0128	12/31/2002	1/27/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0128	12/31/2002	1/27/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0128	12/31/2002	1/27/2003, Compliance Achieved	
Sodium	Routine Major	2003-0128	12/31/2002	1/27/2003, Compliance Achieved	
Radium, Combined (226, 228)	Routine Major	2003-0318	12/31/2002	9/19/2003, NOV issued	
9400801	CENTRAL WATER WORKS	Population:	27	County: WEBSTER	
Arsenic	Routine Major	2002-0460	3/31/2002	6/7/2002, Compliance Achieved	
5282307	CHAIN RIDGE SUBDIVISION	Population:	40	County: JOHNSON	
Copper	Routine Tap	2003-0041	9/30/2002	8/4/2003, Compliance Achieved	
Lead	Routine Tap	2003-0041	9/30/2002	8/4/2003, Compliance Achieved	
3405895	CHARLES CITY GOLF COURSE	Population:	75	County: FLOYD	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0531	6/30/2002	8/27/2002, Compliance Achieved	
2417018	CHARTER OAK WATER SUPPLY	Population:	530	County: CRAWFORD	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0489	6/30/2002	12/31/2002, Compliance Achieved	
8609019	CHELSEA WATER SUPPLY	Population:	287	County: TAMA	
Lead	AL, 90th Percentile	2003-0000	9/30/2002	10/4/2002, NOV issued	
5059401	CHRISTIAN CONFERENCE CENTER	Population:	146	County: JASPER	
Coliform, Total (TCR)	Routine Major	2003-0023	9/30/2002	10/3/2002, Compliance Achieved	
3709001	CHURDAN WATER SUPPLY	Population:	418	County: GREENE	
Consumer Confidence Reports	Consumer Confidence Report	2002-0516	7/31/2002	4/21/2003, Compliance Achieved	
2817755	CLAIR-VIEW ACRES PUBLIC WATER SYSTEM	Population:	81	County: DELAWARE	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2003-0040	9/30/2002	12/30/2002, Compliance Achieved	
7329029	CLARINDA WATER PLANT	Population:	5690	County: PAGE	
Turbidity	Treatment Techniques (SWTR)	2003-0217	3/31/2002	10/31/2002, Compliance Achieved	
Turbidity	Treatment Techniques (SWTR)	2003-0217	4/30/2002	10/31/2002, Compliance Achieved	
9909031	CLARION WATER SUPPLY	Population:	2968	County: WRIGHT	
Sodium	Routine Major	2002-0458	3/31/2002	4/23/2002, Compliance Achieved	
1228038	CLARKSVILLE WATER SUPPLY	Population:	1441	County: BUTLER	
Sodium	Routine Major	2003-0126	12/31/2002	3/17/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0126	12/31/2002	3/17/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
7000600	CLEARVIEW MHP - RIPLEY INC.	Population:	880	County: MUSCATINE	
Sodium	Routine Major	2003-0050	9/30/2002	11/12/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0050	9/30/2002	11/12/2002, Compliance Achieved	
Sodium	Routine Major	2003-0050	9/30/2002	11/12/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0050	9/30/2002	11/12/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0050	9/30/2002	11/12/2002, Compliance Achieved	
Sodium	Routine Major	2003-0051	9/30/2002	11/12/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0051	9/30/2002	11/12/2002, Compliance Achieved	
Sodium	Routine Major	2003-0051	9/30/2002	11/12/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0056	9/30/2002	11/12/2002, Compliance Achieved	
Sodium	Routine Major	2003-0056	9/30/2002	11/12/2002, Compliance Achieved	
3317047	CLERMONT WATER SUPPLY	Population:	716	County: FAYETTE	
Arsenic	Routine Major	2002-0593	6/30/2002	9/19/2002, Compliance Achieved	
Barium	Routine Major	2002-0593	6/30/2002	9/19/2002, Compliance Achieved	
Cadmium	Routine Major	2002-0593	6/30/2002	9/19/2002, Compliance Achieved	
Chromium	Routine Major	2002-0593	6/30/2002	9/19/2002, Compliance Achieved	
Fluoride	Routine Major	2002-0593	6/30/2002	9/19/2002, Compliance Achieved	
Mercury	Routine Major	2002-0593	6/30/2002	9/19/2002, Compliance Achieved	
Antimony	Routine Major	2002-0593	6/30/2002	9/19/2002, Compliance Achieved	
Thallium	Routine Major	2002-0593	6/30/2002	9/19/2002, Compliance Achieved	
Selenium	Routine Major	2002-0594	6/30/2002	9/19/2002, Compliance Achieved	
Atrazine	Routine Major	2003-0057	9/30/2002	10/15/2002, Compliance Achieved	
Radium, Combined (226, 228)	Routine Major	2003-0078	9/30/2002	10/29/2002, Compliance Achieved	
0929200	CLIFF'S PLACE INC	Population:	51	County: BREMER	
Coliform, Total (TCR)	Routine Major	2003-0007	9/30/2002	12/30/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0115	12/31/2002	3/26/2003, Compliance Achieved	
0690301	CLOVER RIDGE SUBDIVISION	Population:	300	County: BENTON	
Arsenic	Routine Major	2002-0464	3/31/2002	5/13/2002, Compliance Achieved	
Sodium	Routine Major	2002-0464	3/31/2002	5/13/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0464	3/31/2002	5/13/2002, Compliance Achieved	
Sodium	Routine Major	2002-0464	3/31/2002	5/13/2002, Compliance Achieved	
1600301	COACH ROAD WELL ASSOCIATION	Population:	40	County: CEDAR	
Nitrate (as N)	Routine Major	2003-0114	12/31/2002	2/13/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
9433348	COATS SUBDIVISION WATER SUPPLY	Population:	158	County: WEBSTER	
Sodium	Routine Major	2003-0128	12/31/2002	2/18/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0128	12/31/2002	2/18/2003, Compliance Achieved	
5225804	COLONY COUNTRY CAMPGROUND	Population:	25	County: JOHNSON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0618	9/30/2002	6/4/2003, Compliance Achieved	
4033801	COMMUNITY CHURCH OF KAMRAR	Population:	35	County: HAMILTON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0619	9/30/2002	3/31/2003, Compliance Achieved	
5225201	CORALVILLE LAKE MARINA	Population:	79	County: JOHNSON	
Coliform, Total (TCR)	Routine Major	2003-0090	11/30/2002	12/3/2002, Compliance Achieved	
5200817	CORALVILLE LAKE TERRACE	Population:	340	County: JOHNSON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0420	3/31/2002	3/31/2003, Compliance Achieved	3/31/2003, Compliance Achieved
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0512	6/30/2002	3/31/2003, Compliance Achieved	
Arsenic	Routine Major	2002-0548	6/30/2002	7/23/2002, Compliance Achieved	
Sodium	Routine Major	2002-0548	6/30/2002	7/23/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0548	6/30/2002	7/23/2002, Compliance Achieved	
Sodium	Routine Major	2002-0549	6/30/2002	7/23/2002, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2002-0558	6/30/2002	3/31/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0558	7/31/2002	3/31/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0000	9/30/2002	3/31/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0093	11/30/2002	12/31/2002, Compliance Achieved	
5225499	CORALVILLE LAKE-SANDY BEACH	Population:	345	County: JOHNSON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0469	6/30/2002	5/12/2003, Compliance Achieved	
5225411	CORALVILLE LAKE-WEST OVERLOOK	Population:	1263	County: JOHNSON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0617	9/30/2002	5/19/2003, Compliance Achieved	
8200601	COUNTRY ESTATES MHP	Population:	150	County: SCOTT	
Lead	AL, 90th Percentile	2003-0135	9/30/2002	2/3/2003, BCA issued	
6500600	COUNTRY ESTATES MOBILE HOME PARK	Population:	35	County: POTTAWATTAMIE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0490	6/30/2002	5/31/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0061	11/30/2002	5/31/2003, Compliance Achieved	
7073301	COUNTRY HEIGHTS	Population:	91	County: MUSCATINE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0002	10/31/2002	4/10/2003, Compliance Achieved	
3122301	COUNTRY HILLS WATER CORP	Population:	41	County: DUBUQUE	
Consumer Confidence Reports	Consumer Confidence Report	2003-0098	7/31/2002	7/23/2002, NOV issued	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
9630203 COUNTRY VIEW PUBLIC GOLF COURSE		Population:	26	County: WINNESHIEK	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0563	9/30/2002	8/29/2002, NOV issued	
Coliform, Total (TCR)	Routine Major	2003-0010	9/30/2002	10/23/2002, NOV issued	
9214201 CRAWFORDSVILLE TEXACO FAST BREAK		Population:	256	County: WASHINGTON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0405	1/31/2002	5/13/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0436	3/31/2002	5/12/2002, Compliance Achieved	
9214085 CRAWFORDSVILLE WATER SUPPLY		Population:	295	County: WASHINGTON	
Arsenic	Routine Major	2003-0052	9/30/2002	11/7/2002, Compliance Achieved	
7822842 CRESCENT SKI HILLS		Population:	119	County: POTTAWATTAMIE	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0445	3/31/2002	1/30/2003, Compliance Achieved	
4515778 CRESCO GOLF AND COUNTRY CLUB		Population:	36	County: HOWARD	<input checked="" type="checkbox"/>
Nitrate (as N)	MCL, Single	2002-0510	6/30/2002	12/11/2002, Compliance Achieved	
8500605 CRESTVIEW MOBILE HOME PARK		Population:	72	County: STORY	
Coliform, Total (TCR)	Routine Major	2002-0414	1/31/2002	4/30/2002, Compliance Achieved	11/6/2001, AO w/ Penalty
Coliform, Total (TCR)	Routine Major	2002-0424	2/28/2002	4/30/2002, Compliance Achieved	11/6/2001, AO w/ Penalty
Coliform, Total (TCR)	Routine Major	2002-0445	3/31/2002	4/30/2002, Compliance Achieved	11/6/2001, AO w/ Penalty
Copper	Routine Tap	2003-0030	9/30/2002	10/29/2002, NOV issued	
Lead	Routine Tap	2003-0030	9/30/2002	10/29/2002, NOV issued	
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	7/23/2002, NOV issued	
9271801 CROOKED CREEK CHRISTIAN CAMP		Population:	77	County: WASHINGTON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0058	12/31/2002	6/3/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0080	11/30/2002	6/3/2003, Compliance Achieved	
5625142 CRYOTECH DEICING		Population:	44	County: LEE	
Copper	Routine Tap	2003-0062	9/30/2002	7/10/2003, Compliance Achieved	
Lead	Routine Tap	2003-0062	9/30/2002	7/10/2003, Compliance Achieved	
8222451 CTR FOR ALCOHOL/DRUG SERV (COUNTRY OAKS)		Population:	130	County: SCOTT	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0515	9/30/2002	3/10/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0561	8/31/2002	3/10/2003, Compliance Achieved	
5252301 CUMBERLAND RIDGE FIRST ADDITION		Population:	55	County: JOHNSON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0558	7/31/2002	2/13/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0564	8/31/2002	2/13/2003, Compliance Achieved	
1003201 D & K ONE STOP		Population:	384	County: BUCHANAN	
Coliform, Total (TCR)	Routine Major	2002-0522	6/30/2002	11/4/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0004	12/31/2002	6/10/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
3126211 DADDYO'S Coliform, Total (TCR)	Routine Major	Population: 2002-0540	27	County: DUBUQUE 6/30/2002 8/7/2002, Compliance Achieved	
5200618 DAKOTA MHP Nitrate (as N)	Routine Major	Population: 2002-0532	172	County: JOHNSON 6/30/2002 8/6/2002, Compliance Achieved	
7445101 DAYBREAK FOODS INC Arsenic	Routine Major	Population: 2003-0056	30	County: PALO ALTO 9/30/2002 11/5/2002, Compliance Achieved	
4344203 DE SOTO BEND BAIT, TACKLE AND CAMPGROUND Coliform, Total (TCR)	Routine Major	Population: 2002-0453	27	County: HARRISON 3/31/2002 11/13/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0453		3/31/2002 11/13/2002, Compliance Achieved	
Nitrate (as N)	Confirmation/Check Major	2002-0497		5/31/2002 11/13/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0539		6/30/2002 11/13/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2002-0539		6/30/2002 11/13/2002, Compliance Achieved	
2529035 DE SOTO WATER SUPPLY Arsenic	Routine Major	Population: 2002-0548	1009	County: DALLAS 6/30/2002 7/31/2002, Compliance Achieved	
9932104 DECOSTER FARMS FEED MILL Nitrate (as N)	MCL, Average	Population: 2002-0410	50	County: WRIGHT 3/31/2002 11/19/2002, Compliance Achieved	
Nitrate (as N)	MCL, Single	2002-0436		3/31/2002 11/19/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0044		9/30/2002 12/16/2002, Compliance Achieved	
7915017 DEEP RIVER WATER SUPPLY Copper	AL, 90th Percentile	Population: 2002-0599	288	County: POWESHIEK 9/30/2002 9/6/2002, NOV issued	
Copper	AL, 90th Percentile	2003-0104		12/31/2002 2/18/2003, NOV issued	
2570304 DEER HUNTERS RUN Coliform, Total (TCR)	Routine Major	Population: 2002-0415	25	County: DALLAS 1/31/2002 2/12/2002, Compliance Achieved	
8215325 DEER VALLEY HOMEOWNERS ASSOC Arsenic	Routine Major	Population: 2002-0550	45	County: SCOTT 6/30/2002 8/7/2002, Compliance Achieved	
Sodium	Routine Major	2002-0550		6/30/2002 8/7/2002, Compliance Achieved	
8315018 DEFIANCE WATER DEPARTMENT Coliform, Total (TCR)	Routine Major	Population: 2003-0091	346	County: SHELBY 11/30/2002 12/18/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
2817457 DELHI LAKEVIEW ESTATES, INC. #2		Population:	25	County: DELAWARE	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0477	4/30/2002	10/24/2002, Compliance Achieved	10/23/2002, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0506	5/31/2002	10/24/2002, Compliance Achieved	10/23/2002, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2002-0524	6/30/2002	10/24/2002, Compliance Achieved	10/23/2002, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0529	6/30/2002	10/24/2002, Compliance Achieved	10/23/2002, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0572	7/31/2002	10/24/2002, Compliance Achieved	10/23/2002, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0612	8/31/2002	10/24/2002, Compliance Achieved	10/23/2002, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2003-0018	9/30/2002	10/24/2002, Compliance Achieved	10/23/2002, Compliance Achieved
Nitrate (as N)	Routine Major	2003-0036	9/30/2002	10/24/2002, Compliance Achieved	10/23/2002, Compliance Achieved
2817456 DELHI LAKEVIEW ESTATES, INC #1		Population:	30	County: DELAWARE	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0485	4/30/2002	10/24/2002, Compliance Achieved	2/11/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0506	5/31/2002	10/24/2002, Compliance Achieved	2/11/2003, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2002-0524	6/30/2002	10/24/2002, Compliance Achieved	2/11/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0535	6/30/2002	10/24/2002, Compliance Achieved	2/11/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0583	7/31/2002	10/24/2002, Compliance Achieved	2/11/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0613	8/31/2002	10/24/2002, Compliance Achieved	2/11/2003, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2003-0018	9/30/2002	10/24/2002, Compliance Achieved	2/11/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2003-0039	9/30/2002	10/24/2002, Compliance Achieved	2/11/2003, Compliance Achieved
3130201 DIGMAN WATER SUPPLY		Population:	27	County: DELAWARE	
Nitrate (as N)	Routine Major	2002-0450	3/31/2002	5/20/2002, Compliance Achieved	
8225043 DIXON WATER WORKS		Population:	276	County: SCOTT	
Coliform, Total (TCR)	Routine Major	2002-0527	6/30/2002	7/8/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0054	9/30/2002	11/25/2002, Compliance Achieved	
Sodium	Routine Major	2003-0055	9/30/2002	11/25/2002, Compliance Achieved	
0709205 DOERFER ENGINEERING COMPANY		Population:	60	County: BLACK HAWK	
Nitrate (as N)	Routine Major	2002-0572	7/31/2002	10/17/2002, Compliance Achieved	
Lead	AL, 90th Percentile	2003-0082	9/30/2002	12/4/2002, BCA issued	
3215044 DOLLIVER MUNI WATER SUPPLY		Population:	77	County: EMMET	
Radium, Combined (226, 228)	Routine Major	2003-0076	9/30/2002	12/9/2002, Compliance Achieved	
8227045 DONAHUE MUNI WATER SYSTEM		Population:	293	County: SCOTT	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0058	10/31/2002	5/6/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0062	11/30/2002	5/6/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
5620046	DONNELLSON MUNI WATER WORKS	Population:	963	County: LEE	
Atrazine	Routine Major	2002-0546	6/30/2002	7/15/2002, Compliance Achieved	
Alachlor (Lasso)	Routine Major	2002-0546	6/30/2002	7/15/2002, Compliance Achieved	
6015047	DOON WATER SUPPLY	Population:	533	County: LYON	
Arsenic	Routine Major	2003-0125	12/31/2002	2/3/2003, Compliance Achieved	
Sodium	Routine Major	2003-0125	12/31/2002	2/3/2003, Compliance Achieved	
7078790	DOT-6 (I-80 RA 003S WILTON)	Population:	2000	County: MUSCATINE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0095	12/31/2002	6/13/2003, Compliance Achieved	
7078791	DOT-6 (I-80 RA 004N WILTON)	Population:	2400	County: MUSCATINE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0095	12/31/2002	6/13/2003, Compliance Achieved	
7820203	DOUBLE BAR SEVEN	Population:	43	County: POTTAWATTAMIE	
Coliform, Total (TCR)	Routine Major	2003-0028	9/30/2002	10/9/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0036	9/30/2002	10/9/2002, Compliance Achieved	
3126203	DOUBLE JJ BAR	Population:	42	County: DUBUQUE	
Nitrate (as N)	Routine Major	2002-0534	6/30/2002	6/26/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0019	9/30/2002	12/20/2002, Compliance Achieved	
3126882	DUBUQUE SHOOTING SOCIETY	Population:	85	County: DUBUQUE	
Nitrate (as N)	Routine Major	2003-0115	12/31/2002	11/26/2002, Compliance Achieved	
1211739	DUCKS BAR & GRILL	Population:	25	County: BUTLER	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0492	6/30/2002	12/5/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0564	7/31/2002	9/4/2002, Compliance Achieved	
3554201	DUDLEY'S CORNER	Population:	912	County: FRANKLIN	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0597	8/31/2002	8/26/2002, NOV issued	
Coliform, Total (TCR)	Routine Major	2003-0011	9/30/2002	12/3/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0080	12/31/2002	11/22/2002, NOV issued	
Coliform, Total (TCR)	Routine Major	2003-0107	12/31/2002	4/15/2003, Compliance Achieved	
2839201	E-Z PICKINS TRUCK STOP	Population:	1006	County: DELAWARE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0556	7/31/2002	1/21/2003, Compliance Achieved	
9212201	EAGLES NEST	Population:	42	County: WASHINGTON	
Nitrate (as N)	Routine Major	2003-0121	12/31/2002	2/5/2003, Compliance Achieved	
Nitrite (as N)	Routine Major	2003-0134	12/31/2002	2/5/2003, Compliance Achieved	
1750202	EARL MAY GARDEN CENTER	Population:	135	County: CERRO GORDO	
Coliform, Total (TCR)	Routine Major	2002-0455	3/31/2002	5/7/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0455	3/31/2002	5/7/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2002-0455	3/31/2002	5/7/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
2825099	EARLVILLE MUNI WATER SUPPLY	Population:	900	County: DELAWARE	
Coliform, Total (TCR)	Routine Major	2002-0559	6/30/2002	7/22/2002, Compliance Achieved	
Nitrate (as N)	MCL, Single	2002-0599	9/30/2002	4/15/2003, Compliance Achieved	
7709801	EAST DALLAS WATER COMPANY	Population:	300	County: DALLAS	
Coliform, Total (TCR)	Routine Major	2002-0416	1/31/2002	2/12/2002, Compliance Achieved	
1509706	ECONO LODGE	Population:	37	County: CASS	
Coliform, Total (TCR)	Routine Major	2003-0108	12/31/2002	1/29/2003, Compliance Achieved	
2258494	EFFIGY MOUNDS NATIONAL MONUMENT	Population:	328	County: CLAYTON	
Nitrate (as N)	Routine Major	2003-0038	9/30/2002	11/4/2002, Compliance Achieved	
2825101	EIP MANUFACTURING, LLC	Population:	66	County: DELAWARE	
Nitrate (as N)	Routine Major	2002-0415	1/31/2002	2/5/2002, Compliance Achieved	
2223438	ELKADER GOLF & COUNTRY CLUB	Population:	45	County: CLAYTON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	7/1/2002, Compliance Achieved	
2223202	ELKADER INN	Population:	27	County: CLAYTON	
Coliform, Total (TCR)	Routine Major	2003-0122	12/31/2002	12/2/2002, Compliance Achieved	
2223011	ELKADER MUNI WATER DEPT	Population:	1465	County: CLAYTON	
Lead	AL, 90th Percentile	2003-0153	9/30/2002	10/31/2002, BCA issued	
7730012	ELKHART WATER SUPPLY	Population:	362	County: POLK	
Arsenic	Routine Major	2002-0550	6/30/2002	7/2/2002, Compliance Achieved	
Sodium	Routine Major	2002-0550	6/30/2002	7/2/2002, Compliance Achieved	
5728018	ELY WATER SUPPLY	Population:	1149	County: LINN	
Lead	AL, 90th Percentile	2003-0153	9/30/2002	11/21/2002, BCA issued	
7349023	ESSEX WATER SUPPLY	Population:	884	County: PAGE	
Arsenic	Routine Major	2003-0132	12/31/2002	1/28/2003, Compliance Achieved	
Sodium	Routine Major	2003-0132	12/31/2002	1/28/2003, Compliance Achieved	
0520030	EXIRA WATER DEPT	Population:	810	County: AUDUBON	
Arsenic	Routine Major	2002-0551	6/30/2002	7/30/2002, Compliance Achieved	
5748302	FAIRWAY DRIVE WELL ASSOCIATION INC.	Population:	25	County: LINN	
Arsenic	Routine Major	2002-0551	6/30/2002	8/30/2002, Compliance Achieved	
Sodium	Routine Major	2002-0551	6/30/2002	8/30/2002, Compliance Achieved	
7048306	FAIRWAY OAKS	Population:	25	County: MUSCATINE	
Copper	AL, 90th Percentile	2002-0411	6/30/2002	9/18/2002, BCA issued	
Copper	AL, 90th Percentile	2002-0603	12/31/2002	9/18/2002, BCA issued	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
9926101 FARMLAND INDUSTRIES/EAGLE GROVE		Population:	40	County: WRIGHT	
Coliform, Total (TCR)	Routine Major	2002-0451	3/31/2002	3/18/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0451	3/31/2002	3/18/2002, Compliance Achieved	
7856801 FELLOWSHIP OF FAITH CHRISTIAN CENTER		Population:	303	County: POTTAWATTAMIE	
Coliform, Total (TCR)	Routine Major	2002-0435	2/28/2002	4/9/2002, Compliance Achieved	
4388201 FILLING STATION		Population:	500	County: HARRISON	
Coliform, Total (TCR)	Routine Major	2002-0507	5/31/2002	6/27/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0092	11/30/2002	1/9/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0117	12/31/2002	1/9/2003, Compliance Achieved	
3414201 FLOYD CONVENIENCE STORE		Population:	310	County: FLOYD	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0619	9/30/2002	3/19/2003, Compliance Achieved	
7603045 FONDA WATER SUPPLY		Population:	648	County: POCAHONTAS	
Copper	AL, 90th Percentile	2003-0104	12/31/2002	1/8/2003, NOV issued	
1031401 FONTANA PARK-PICNIC AREA		Population:	37	County: BUCHANAN	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0515	9/30/2002	3/18/2003, Compliance Achieved	
9830201 FOOD N FUEL AMOCO		Population:	53	County: WORTH	
Coliform, Total (TCR)	Routine Major	2002-0541	6/30/2002	8/29/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0558	9/30/2002	5/12/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0121	12/31/2002	1/13/2003, Compliance Achieved	
8209308 FOREST MANOR SUBDIVISION		Population:	206	County: SCOTT	
Coliform, Total (TCR)	Routine Major	2003-0091	11/30/2002	12/15/2002, Compliance Achieved	
2839907 FOUNTAIN SPRINGS PARK - DELAWARE C.C.B.		Population:	25	County: DELAWARE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0616	9/30/2002	5/5/2003, Compliance Achieved	
5715802 FOUR OAKS		Population:	60	County: LINN	
Consumer Confidence Reports	Consumer Confidence Report	2003-0098	7/31/2002	7/23/2002, NOV issued	
7700800 FOX CREEK BENEFITTED WTR. DISTRICT		Population:	462	County: DALLAS	
Coliform, Total (TCR)	Routine Major	2002-0416	1/31/2002	2/12/2002, Compliance Achieved	
2509203 FOXY LADY		Population:	55	County: DALLAS	
Coliform, Total (TCR)	Routine Major	2002-0538	6/30/2002	8/29/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0093	11/30/2002	12/26/2002, Compliance Achieved	
0922729 FREDERIKA'S STEIN & DINE		Population:	53	County: BREMER	
Coliform, Total (TCR)	Repeat Major	2003-0007	10/3/2002	12/18/2002, Compliance Achieved	4/2/2003, AO w/ Penalty
Coliform, Total (TCR)	Routine Major	2003-0062	10/31/2002	12/18/2002, Compliance Achieved	4/2/2003, AO w/ Penalty
0656101 FRONTIER NATURAL PRODUCTS COOP		Population:	180	County: BENTON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0419	3/31/2002	9/30/2002, Compliance Achieved	



ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
5625062 FT MADISON MUNI WATER WORKS		Population:	11476	County: LEE	
Nitrate (as N)	Routine Major	2003-0114	12/31/2002	1/21/2003, Compliance Achieved	
2831201 G & M SERVICE MART		Population:	25	County: DELAWARE	
Coliform, Total (TCR)	Routine Major	2002-0524	6/30/2002	7/1/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0528	6/30/2002	7/1/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2002-0564	7/19/2002	9/23/2002, Compliance Achieved	
5857201 GABELINE TRUCK STOP		Population:	265	County: LOUISA	
Coliform, Total (TCR)	Routine Major	2003-0044	9/30/2002	10/28/2002, Compliance Achieved	
5282306 GALLERY ACRES WEST		Population:	50	County: JOHNSON	
Arsenic	Routine Major	2002-0551	6/30/2002	7/26/2002, Compliance Achieved	
9932071 GALT MUNICIPAL WATER SUPPLY		Population:	30	County: WRIGHT	
Arsenic	Routine Major	2002-0458	3/31/2002	5/7/2002, Compliance Achieved	
Sodium	Routine Major	2002-0458	3/31/2002	5/7/2002, Compliance Achieved	
Radium, Combined (226, 228)	MCL, Single	2002-0470	6/30/2002	5/17/2002, NOV issued	
Consumer Confidence Reports	Consumer Confidence Report	2003-0098	7/31/2002	7/23/2002, NOV issued	
4130075 GARNER WATER WORKS		Population:	2922	County: HANCOCK	
Arsenic	Routine Major	2003-0123	12/31/2002	3/10/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0123	12/31/2002	3/10/2003, Compliance Achieved	
9113101 GENERAL MILLS OPERATIONS, INC		Population:	84	County: POLK	
Arsenic	Routine Major	2002-0459	3/31/2002	5/7/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0000	9/30/2002	4/30/2003, Compliance Achieved	
9433188 GEORGIA PACIFIC CORP GYPSUM DIV.		Population:	160	County: WEBSTER	
Nitrate (as N)	Routine Major	2002-0535	6/30/2002	8/29/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0033	9/30/2002	10/2/2002, Compliance Achieved	
2307201 GIL'S BALLROOM		Population:	25	County: CLINTON	
Nitrate (as N)	Routine Major	2002-0506	5/31/2002	9/10/2002, Compliance Achieved	8/4/2003, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2002-0524	6/30/2002	9/10/2002, Compliance Achieved	8/4/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0533	6/30/2002	9/10/2002, Compliance Achieved	8/4/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0582	7/31/2002	9/10/2002, Compliance Achieved	8/4/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0612	8/31/2002	9/10/2002, Compliance Achieved	8/4/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2003-0092	11/30/2002	1/30/2003, Compliance Achieved	8/4/2003, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2003-0109	12/31/2002	1/30/2003, Compliance Achieved	8/4/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2003-0116	12/31/2002	1/30/2003, Compliance Achieved	8/4/2003, Compliance Achieved

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
3338402 GILBERTSON PARK		Population:	117	County: FAYETTE	
Coliform, Total (TCR)	Routine Major	2003-0047	9/30/2002	12/11/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2003-0047	9/30/2002	12/11/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0047	9/30/2002	12/11/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0096	12/31/2002	12/26/2002, NOV issued	
3338401 GILBERTSON PARK NATURE CENTER		Population:	67	County: FAYETTE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0001	12/31/2002	12/3/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0047	9/30/2002	12/3/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2003-0047	9/30/2002	12/3/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0047	9/30/2002	12/3/2002, Compliance Achieved	
2127085 GILLETT GROVE WATER SUPPLY		Population:	55	County: CLAY	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0438	3/31/2002	9/30/2002, Compliance Achieved	3/29/2002, No EPA Enforcement Action
3203102 GKN ARMSTRONG WHEELS		Population:	230	County: EMMET	
Coliform, Total (TCR)	Routine Major	2003-0020	9/30/2002	11/4/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0039	9/30/2002	11/4/2002, Compliance Achieved	
1438091 GLIDDEN WATER SUPPLY		Population:	1253	County: CARROLL	
Nitrate (as N)	Routine Major	2003-0042	9/30/2002	10/30/2002, Compliance Achieved	
0790678 GOLDEN ACRES RETIREMENT VILLAGE		Population:	49	County: BLACK HAWK	
Nitrate (as N)	MCL, Single	2003-0082	12/31/2002	12/5/2002, NOV issued	
9937092 GOLDFIELD WATER SUPPLY		Population:	680	County: WRIGHT	
Arsenic	Routine Major	2002-0544	6/30/2002	8/5/2002, Compliance Achieved	
7700853 GOULD HEIGHTS WATER SERVICE COMPANY		Population:	570	County: POLK	
Coliform, Total (TCR)	Routine Major	2002-0414	1/31/2002	2/12/2002, Compliance Achieved	
5252802 GRACE COMMUNITY CHURCH		Population:	151	County: JOHNSON	
Arsenic	Routine Major	2002-0416	1/31/2002	5/1/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0024	9/30/2002	10/30/2002, Compliance Achieved	
1211821 GRANDMA'S SNACK SHOP		Population:	46	County: BUTLER	
Coliform, Total (TCR)	Routine Major	2002-0423	2/28/2002	3/27/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2002-0564	7/12/2002	10/30/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0564	7/31/2002	10/30/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0088	11/30/2002	2/26/2003, Compliance Achieved	
1716302 GRANDVIEW CIRCLE WATER ASSOCIATION		Population:	48	County: CERRO GORDO	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0509	6/30/2002	12/4/2002, Compliance Achieved	
8150401 GRANT PARK		Population:	104	County: SAC	
Coliform, Total (TCR)	Routine Major	2003-0112	12/31/2002	5/21/2003, Compliance Achieved	<input checked="" type="checkbox"/>

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
2831202 GREELEY COMMERCIAL CLUB		Population:	75	County: DELAWARE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0602	9/30/2002	3/20/2003, Compliance Achieved	
3126307 GREEN BRIER SUBDIVISION		Population:	42	County: DUBUQUE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0556	7/31/2002	7/26/2002, NOV issued	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0059	10/31/2002	11/7/2002, NOV issued	
6469906 GREEN CASTLE RECREATION AREA		Population:	25	County: MARSHALL	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0532	6/30/2002	5/6/2002, Compliance Achieved	
7709395 GREENWOOD ACRES WATER CO.		Population:	240	County: POLK	
Coliform, Total (TCR)	Routine Major	2002-0414	1/31/2002	2/12/2002, Compliance Achieved	
8245302 HAESSLER SUBDIVISION HOA #8		Population:	27	County: SCOTT	
Coliform, Total (TCR)	Routine Major	2003-0044	9/30/2002	1/13/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0078	10/31/2002	1/13/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0093	11/30/2002	1/13/2003, Compliance Achieved	
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	2/14/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0119	12/31/2002	1/20/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0119	12/31/2002	1/20/2003, Compliance Achieved	
6309001 HAMILTON WATER SUPPLY		Population:	144	County: MARION	
Copper	Routine Tap	2003-0026	9/30/2002	9/26/2002, Compliance Achieved	
Lead	Routine Tap	2003-0026	9/30/2002	9/26/2002, Compliance Achieved	
7833025 HANCOCK WATER SUPPLY		Population:	207	County: POTTAWATTAMIE	
Copper	Routine Tap	2002-0527	6/30/2002	10/9/2002, Compliance Achieved	
Lead	Routine Tap	2002-0527	6/30/2002	10/9/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0618	9/30/2002	3/31/2003, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2002-0618	9/30/2002	3/31/2003, Compliance Achieved	
9830001 HANLONTOWN WATER SUPPLY SYSTEM		Population:	229	County: WORTH	
Arsenic	Routine Major	2002-0463	3/31/2002	4/2/2002, Compliance Achieved	
Sodium	Routine Major	2002-0463	3/31/2002	4/2/2002, Compliance Achieved	
3549026 HANSELL WATER DEPARTMENT		Population:	96	County: FRANKLIN	
Nitrate (as N)	Routine Major	2002-0506	5/31/2002	8/7/2002, Compliance Achieved	
2915885 HARMONY BIBLE CHURCH		Population:	155	County: HENRY	
Coliform, Total (TCR)	Routine Major	2002-0443	3/31/2002	4/8/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0533	6/30/2002	7/31/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION	
		NUMBER	END DATE			
5200830 HARPER'S MARINA/JOLLY ROGER/CORALVILLE L		Population:	71	County: JOHNSON		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Repeat Major	2002-0493	5/20/2002	7/16/2002, Compliance Achieved	8/1/2003, AG Case Referred	
Coliform, Total (TCR)	Routine Major	2002-0517	7/31/2002		8/1/2003, AG Case Referred	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0553	9/30/2002	4/25/2003, Compliance Achieved	8/1/2003, AG Case Referred	
Coliform, Total (TCR)	Routine Major	2002-0605	8/31/2002	4/25/2003, Compliance Achieved	8/1/2003, AG Case Referred	
Nitrate (as N)	Routine Major	2003-0039	9/30/2002	7/8/2003, Compliance Achieved	8/1/2003, AG Case Referred	
Nitrate (as N)	Routine Major	2003-0039	9/30/2002	7/8/2003, Compliance Achieved	8/1/2003, AG Case Referred	
2817860 HARTWICK POINT WELL		Population:	120	County: DELAWARE		<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0506	5/31/2002	7/9/2002, Compliance Achieved		
7940037 HARTWICK WATER SYSTEM		Population:	83	County: POWESHIEK		
Coliform, Total (TCR)	Routine Major	2002-0612	8/31/2002	9/11/2002, Compliance Achieved		
2254201 HEIDELBERG LLC		Population:	37	County: CLAYTON		
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0083	12/31/2002	12/18/2002, NOV issued	2/11/2003, BCA issued	
1900901 HERITAGE RESIDENCE		Population:	50	County: CHICKASAW		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0616	9/30/2002	4/22/2003, Compliance Achieved		
0990808 HERITAGE UNITED METHODIST CHURCH		Population:	200	County: BREMER		
Nitrate (as N)	Routine Major	2002-0533	6/30/2002	8/8/2002, Compliance Achieved		
5225802 HI POINT GOLF COURSE		Population:	153	County: JOHNSON		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0024	9/30/2002	6/30/2003, Compliance Achieved		
5735045 HIAWATHA WATER DEPT		Population:	6480	County: LINN		
Sodium	Routine Major	2003-0052	9/30/2002	10/30/2002, Compliance Achieved		
Copper	AL, 90th Percentile	2003-0082	12/31/2002	12/4/2002, BCA issued		
8227301 HICKORY ESTATES		Population:	48	County: SCOTT		
Consumer Confidence Reports	Consumer Confidence Report	2003-0100	7/31/2002	2/13/2003, Compliance Achieved		
3353746 HICKORY GROVE (GOLF COURSE)		Population:	28	County: FAYETTE		<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0485	4/30/2002	6/10/2002, Compliance Achieved		
8215372 HICKORY HILLS FIRST ANNEX HOA		Population:	144	County: SCOTT		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0562	8/31/2002	2/18/2003, Compliance Achieved		
8215373 HICKORY HILLS SECOND ANNEX		Population:	116	County: SCOTT		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0601	9/30/2002	3/17/2003, Compliance Achieved		
8215303 HICKORY HILLS SUBDIVISION #2		Population:	376	County: SCOTT		
Nitrate (as N)	Routine Major	2003-0113	12/31/2002	2/17/2003, Compliance Achieved		
7709396 HICKORY HOLLOW WATER SERVICE, INC.		Population:	235	County: POLK		
Coliform, Total (TCR)	Routine Major	2002-0414	1/31/2002	2/12/2002, Compliance Achieved		

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION	
		NUMBER	END DATE			
9778840	HIDDEN ACRES COUNTRY CLUB	Population:	74	County: PLYMOUTH		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0004	12/31/2002	10/17/2002, NOV issued		
5282308	HIDDEN ACRES SUBDIVISION	Population:	100	County: JOHNSON		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0417	2/28/2002	4/15/2003, Compliance Achieved	6/24/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0489	6/30/2002	12/18/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2002-0507	5/31/2002	6/5/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2002-0508	5/31/2002	6/5/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2002-0508	5/31/2002	6/5/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2002-0508	5/31/2002	6/5/2002, Compliance Achieved		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0512	6/30/2002	1/22/2003, Compliance Achieved		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0554	7/31/2002	4/15/2003, Compliance Achieved	6/24/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0005	10/31/2002	4/15/2003, Compliance Achieved	6/24/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0081	11/30/2002	4/15/2003, Compliance Achieved		
Nitrate (as N)	Routine Major	2003-0119	12/31/2002	2/24/2003, Compliance Achieved		
5221519	HILLS SCHOOL-IC COMM SCHOOLS	Population:	285	County: JOHNSON		
Arsenic	Routine Major	2003-0127	12/31/2002	2/6/2003, Compliance Achieved		
4800901	HILLSIDE ESTATE, INC.	Population:	62	County: IOWA		
Lead	AL, 90th Percentile	2003-0083	6/30/2002	12/3/2002, Compliance Achieved		
0603301	HILLTOP HOMEOWNERS WELL ASSOC. INC.	Population:	29	County: LINN		
Arsenic	Routine Major	2002-0460	3/31/2002	5/16/2002, Compliance Achieved		
Sodium	Routine Major	2002-0460	3/31/2002	5/16/2002, Compliance Achieved		
4802701	HOLIDAY INN	Population:	1350	County: IOWA		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0488	6/30/2002	1/6/2003, Compliance Achieved		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0514	7/31/2002	1/6/2003, Compliance Achieved		

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
7822443 HONEY CREEK CAMPGROUNDS		Population:	51	County: POTTAWATTAMIE	
Coliform, Total (TCR)	Routine Major	2002-0414	1/31/2002	9/9/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0424	2/28/2002	9/9/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0445	3/31/2002	7/14/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0450	3/31/2002	7/14/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0477	4/30/2002	9/9/2002, Compliance Achieved	
Nitrate (as N)	Confirmation/Check Major	2002-0495	5/31/2002	7/14/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0504	5/31/2002	7/14/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0527	6/30/2002	9/9/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0571	7/31/2002	9/9/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0612	8/31/2002	9/9/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0067	10/31/2002	12/3/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0090	11/30/2002	12/3/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2003-0106	12/24/2002	3/31/2003, Compliance Achieved	
5720421 HOWARD H CHERRY SCOUT RESERVATION		Population:	153	County: LINN	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0617	9/30/2002	6/2/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0001	12/31/2002	6/2/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0085	11/30/2002	1/15/2003, Compliance Achieved	
4500901 HOWARD RESIDENTIAL CARE FACILITY		Population:	73	County: HOWARD	
Nitrate (as N)	MCL, Single	2003-0001	10/31/2002	4/1/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0123	12/31/2002	2/10/2003, Compliance Achieved	
0737062 HUDSON WATER SUPPLY		Population:	2117	County: BLACK HAWK	
Lead	AL, 90th Percentile	2002-0561	9/30/2002	1/3/2003, NOV issued	
4622801 HUMBOLDT COUNTY MUSEUM		Population:	28	County: HUMBOLDT	
Nitrite (as N)	Routine Major	2002-0456	3/31/2002	11/5/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2002-0456	3/31/2002	11/5/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0456	3/31/2002	11/5/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2002-0456	3/31/2002	11/5/2002, Compliance Achieved	
Nitrite (as N)	Confirmation/Check Major	2002-0497	5/31/2002	11/5/2002, Compliance Achieved	
Nitrite (as N)	Confirmation/Check Major	2002-0498	5/31/2002	11/5/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0541	6/30/2002	4/10/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
0900601 HWY #3 MOBILE HOME PARK		Population:	155	County: BREMER	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0059	11/30/2002	11/14/2002, NOV issued	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0097	12/31/2002	1/8/2003, NOV issued	
Atrazine	Routine Major	2003-0125	12/31/2002	1/6/2003, Compliance Achieved	
1689402 HWY 38 EXPRESS		Population:	30	County: CEDAR	
Nitrate (as N)	Routine Major	2003-0038	9/30/2002	12/29/2002, Compliance Achieved	
Nitrate (as N)	Confirmation/Check Major	2003-0086	11/30/2002	12/29/2002, Compliance Achieved	
3198799 HWY 61 MIDWAY MARKET		Population:	50	County: JACKSON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0618	9/30/2002	3/21/2003, Compliance Achieved	
4070204 I-35 TRUCKSTOP, INC.		Population:	1075	County: HAMILTON	
Coliform, Total (TCR)	Repeat Major	2003-0105	12/16/2002	1/30/2003, Compliance Achieved	
0965501 IMMANUEL LUTHERAN CHURCH & SCHOOL		Population:	105	County: BREMER	
Coliform, Total (TCR)	Routine Major	2002-0412	1/31/2002	2/12/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0088	11/30/2002	12/26/2002, Compliance Achieved	
1000600 INDEPENDENCE MOBILE HOME PARK		Population:	30	County: BUCHANAN	
Coliform, Total (TCR)	Repeat Major	2002-0421	2/15/2002	7/3/2002, Compliance Achieved	4/23/2003, AO w/ Penalty
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0488	5/31/2002	6/7/2002, NOV issued	
Radium, Combined (226, 228)	Routine Major	2002-0582	6/30/2002	8/28/2002, NOV issued	4/23/2003, AO w/ Penalty
Radium, Combined (226, 228)	Confirmation/Check Major	2003-0010	9/30/2002	10/23/2002, NOV issued	4/23/2003, AO w/ Penalty
Sodium	Routine Major	2003-0128	12/31/2002	1/23/2003, NOV issued	4/23/2003, AO w/ Penalty
Arsenic	Routine Major	2003-0148	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
Barium	Routine Major	2003-0148	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
Cadmium	Routine Major	2003-0148	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
Chromium	Routine Major	2003-0148	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
Fluoride	Routine Major	2003-0148	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
Mercury	Routine Major	2003-0148	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
Sodium	Routine Major	2003-0149	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
Antimony	Routine Major	2003-0149	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
Thallium	Routine Major	2003-0149	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
Selenium	Routine Major	2003-0149	12/31/2002	2/19/2003, NOV issued	4/23/2003, AO w/ Penalty
9133075 INDIANOLA WATER SUPPLY		Population:	12998	County: WARREN	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0560	8/31/2002	2/11/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
5225673 IOWA CITY REGENCY MHP		Population:	700	County: JOHNSON	
Copper	Routine Tap	2003-0024	9/30/2002	8/29/2003, Compliance Achieved	
Lead	Routine Tap	2003-0024	9/30/2002	8/29/2003, Compliance Achieved	
5200847 IOWA CITY REHABILITATION & HEALTH CARE C		Population:	128	County: JOHNSON	
Coliform, Total (TCR)	Routine Major	2002-0503	5/31/2002	6/3/2002, Compliance Achieved	
5225079 IOWA CITY WATER DEPARTMENT		Population:	57863	County: JOHNSON	
Gross Alpha, excluding Rn & U	Routine Major	2002-0577	6/30/2002	9/2/2002, Compliance Achieved	
Radium, Combined (226, 228)	Routine Major	2002-0577	6/30/2002	9/2/2002, Compliance Achieved	
4260213 IOWA SKATE U		Population:	80	County: HARDIN	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0110	12/31/2002	4/22/2003, NOV issued	
5031301 IRA WATER ASSOCIATION		Population:	70	County: JASPER	
Sodium	Routine Major	2002-0457	3/31/2002	4/23/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0457	3/31/2002	4/23/2002, Compliance Achieved	
0709401 ISLAND PARK BOAT HOUSE		Population:	40	County: BLACK HAWK	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0539	6/30/2002	7/1/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0614	8/31/2002	9/3/2002, Compliance Achieved	
5225803 IZAAK WALTON LEAGUE-IOWA CITY		Population:	34	County: JOHNSON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0515	9/30/2002	7/15/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0616	9/30/2002	7/15/2003, Compliance Achieved	
3949000 JAMAICA WATER SUPPLY		Population:	237	County: GUTHRIE	
Copper	AL, 90th Percentile	2003-0154	9/30/2002	10/30/2002, NOV issued	
1951201 JERICO JO'S		Population:	28	County: CHICKASAW	
Coliform, Total (TCR)	Routine Major	2002-0485	4/30/2002	5/8/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0536	6/30/2002	10/22/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0583	7/31/2002	10/22/2002, Compliance Achieved	
5786890 JEWEL'S FOOD & SPIRITS, INC.		Population:	29	County: LINN	
Nitrate (as N)	MCL, Single	2002-0555	7/31/2002	1/16/2003, Compliance Achieved	
3130202 JOHNNY B GOOD'S		Population:	110	County: DUBUQUE	
Coliform, Total (TCR)	Routine Major	2003-0122	12/31/2002	1/23/2003, NOV issued	5/5/2003, No EPA Enforcement Action
Nitrate (as N)	Routine Major	2003-0122	12/31/2002	1/23/2003, NOV issued	5/5/2003, No EPA Enforcement Action
Nitrite (as N)	Routine Major	2003-0122	12/31/2002	1/23/2003, NOV issued	5/5/2003, No EPA Enforcement Action
1335001 JOLLEY WATER SUPPLY		Population:	54	County: CALHOUN	
Coliform, Total (TCR)	Routine Major	2003-0015	9/30/2002	11/20/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0108	12/31/2002	1/8/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
3353201 K MART		Population:	875	County: FAYETTE	
Coliform, Total (TCR)	Repeat Major	2002-0441	3/14/2002	5/21/2002, Compliance Achieved	
7000686 KAMMERER TRAILER COURT		Population:	97	County: MUSCATINE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0002	10/31/2002	9/9/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0060	11/30/2002	9/9/2003, Compliance Achieved	
4063403 KENDALL YOUNG PARK		Population:	144	County: HAMILTON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0466	6/30/2002	8/21/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0493	5/31/2002	8/21/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2002-0604	9/9/2002	8/21/2002, Compliance Achieved	
9840018 KENSETT WATER SUPPLY		Population:	280	County: WORTH	
Arsenic	Routine Major	2002-0460	3/31/2002	5/1/2002, Compliance Achieved	
Sodium	Routine Major	2002-0460	3/31/2002	5/1/2002, Compliance Achieved	
0543031 KIMBALLTON UTILITIES		Population:	342	County: AUDUBON	
Arsenic	Routine Major	2003-0127	12/31/2002	1/14/2003, Compliance Achieved	
Sodium	Routine Major	2003-0127	12/31/2002	1/14/2003, Compliance Achieved	
2223871 KINGDOM HALL		Population:	50	County: CLAYTON	
Coliform, Total (TCR)	Routine Major	2003-0017	9/30/2002	2/3/2003, Compliance Achieved	
4884101 KINZE MANUFACTURING INC		Population:	410	County: IOWA	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0515	9/30/2002	1/20/2003, Compliance Achieved	
3100602 KNAPP MOBILE HOME COURT NO 4		Population:	87	County: DUBUQUE	
Nitrate (as N)	Routine Major	2003-0037	9/30/2002	10/28/2002, Compliance Achieved	
1600624 KOCH'S MEADOW LAKE CAMPGROUNDS		Population:	31	County: CEDAR	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Repeat Major	2002-0493	5/20/2002	5/20/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0530	6/30/2002	8/12/2002, Compliance Achieved	
4848601 KRAUS'S SERENE WOODEN ACRES		Population:	51	County: IOWA	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0599	9/30/2002	4/22/2003, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2002-0600	9/30/2002	4/22/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0002	10/31/2002	4/22/2003, Compliance Achieved	
4884784 KUM & GO STORE #443		Population:	162	County: IOWA	
Nitrate (as N)	Routine Major	2002-0533	6/30/2002	8/20/2002, Compliance Achieved	
7853100 KUM & GO STORE #23		Population:	111	County: POTTAWATTAMIE	
Coliform, Total (TCR)	Routine Major	2003-0112	12/31/2002	3/26/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0114	12/31/2002	3/26/2003, Compliance Achieved	
4945052 LA MOTTE WATER SUPPLY		Population:	272	County: JACKSON	
Sodium	Routine Major	2002-0463	3/31/2002	4/29/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
4840042 LADORA WATER SUPPLY		Population: 287	County: IOWA		
Arsenic	Routine Major	2003-0054	9/30/2002	11/7/2002, Compliance Achieved	
Sodium	Routine Major	2003-0054	9/30/2002	11/7/2002, Compliance Achieved	
1345043 LAKE CITY WATER SUPPLY		Population: 1827	County: CALHOUN		
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	8/1/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0534	6/30/2002	8/1/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2002-0534	6/30/2002	8/1/2002, Compliance Achieved	
5282305 LAKE MACBRIDE HEIGHTS HOA		Population: 75	County: JOHNSON		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0467	4/30/2002	1/29/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0512	6/30/2002	1/29/2003, Compliance Achieved	
5282941 LAKE MACBRIDE STATE PARK-EAST		Population: 27	County: JOHNSON		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0469	5/31/2002	1/13/2003, Compliance Achieved	
5200912 LAKE MACBRIDE STATE PARK-NORTH		Population: 25	County: JOHNSON		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0513	7/31/2002	1/13/2003, Compliance Achieved	
9545044 LAKE MILLS MUNICIPAL WATER DEPT-SOUTH		Population: 2140	County: WINNEBAGO		
Nitrate (as N)	Routine Major	2002-0448	3/31/2002	4/29/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0449	3/31/2002	4/29/2002, Compliance Achieved	
9909203 LAKE PLACE		Population: 37	County: WRIGHT		
Coliform, Total (TCR)	Routine Major	2003-0122	12/31/2002	1/7/2003, Compliance Achieved	<input checked="" type="checkbox"/>
5225315 LAKE RIDGE, INCORPORATED		Population: 900	County: JOHNSON		
Sodium	Routine Major	2002-0544	6/30/2002	8/14/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0544	6/30/2002	8/14/2002, Compliance Achieved	
8200605 LAKESIDE MANOR PARK		Population: 89	County: SCOTT		
Arsenic	Routine Major	2002-0459	3/31/2002	4/9/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0090	11/30/2002	12/4/2002, Compliance Achieved	
7785301 LAKEVIEW HEIGHTS		Population: 252	County: POLK		
Coliform, Total (TCR)	Routine Major	2002-0414	1/31/2002	2/12/2002, Compliance Achieved	
Turbidity	Treatment Techniques (SWTR)	2003-0153	10/31/2002	11/30/2002, Compliance Achieved	
5540049 LAKOTA WATER SUPPLY		Population: 255	County: KOSSUTH		
Sodium	Routine Major	2003-0050	9/30/2002	11/5/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0050	9/30/2002	11/5/2002, Compliance Achieved	
7048732 LAMPLIGHT INN		Population: 25	County: MUSCATINE		
Coliform, Total (TCR)	Routine Major	2002-0517	6/30/2002	8/13/2002, Compliance Achieved	
Nitrate (as N)	MCL, Single	2003-0059	12/31/2002	4/25/2003, Compliance Achieved	4/25/2003, Compliance Achieved
Nitrate (as N)	MCL, Single	2003-0095	12/31/2002	4/25/2003, Compliance Achieved	4/25/2003, Compliance Achieved

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
1449053 LANESBORO WATER WORKS		Population:	152	County: CARROLL	
Consumer Confidence Reports	Consumer Confidence Report	2002-0552	7/31/2002	7/23/2002, NOV issued	
9609601 LAURA INGALLS WILDER MUSEUM WELL		Population:	46	County: WINNESHIEK	
Coliform, Total (TCR)	Routine Major	2003-0046	9/30/2002	11/14/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2003-0046	9/30/2002	11/14/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0046	9/30/2002	11/14/2002, Compliance Achieved	
6457070 LE GRAND WATER WORKS		Population:	883	County: MARSHALL	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0409	1/31/2002	7/22/2002, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2002-0409	1/31/2002	7/22/2002, Compliance Achieved	
5543069 LEDYARD WATER SUPPLY		Population:	147	County: KOSSUTH	
Arsenic	Routine Major	2003-0049	9/30/2002	11/5/2002, Compliance Achieved	
Sodium	Routine Major	2003-0049	9/30/2002	11/5/2002, Compliance Achieved	
1750196 LEHIGH CEMENT COMPANY		Population:	155	County: CERRO GORDO	
Nitrate (as N)	Confirmation/Check Major	2002-0421	2/28/2002	3/28/2002, Compliance Achieved	7/12/2002, AO w/ Penalty
Coliform, Total (TCR)	Routine Major	2002-0443	3/31/2002	3/28/2002, Compliance Achieved	7/12/2002, AO w/ Penalty
9453071 LEHIGH WATER SUPPLY		Population:	497	County: WEBSTER	
Arsenic	Routine Major	2002-0462	3/31/2002	4/22/2002, Compliance Achieved	
Sodium	Routine Major	2002-0462	3/31/2002	4/22/2002, Compliance Achieved	
1453080 LIDDERDALE WATER SUPPLY		Population:	186	County: CARROLL	
Consumer Confidence Reports	Consumer Confidence Report	2003-0098	7/31/2002	7/23/2002, NOV issued	12/31/2002, AO w/ Penalty
5758301 LINN CREST HEIGHTS		Population:	40	County: LINN	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0441	4/30/2002	10/28/2002, Compliance Achieved	
4027954 LITTLE WALL LK AR-HAMILTON CON		Population:	124	County: HAMILTON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0007	12/31/2002	4/16/2003, Compliance Achieved	
0520905 LITTLEFIELD REC AREA		Population:	25	County: AUDUBON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0522	6/30/2002	8/28/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0533	6/30/2002	8/28/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0536	6/30/2002	8/28/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0537	6/30/2002	8/28/2002, Compliance Achieved	
4337201 LOGAN-MISSOURI VALLEY COUNTRY CLUB		Population:	105	County: HARRISON	
Coliform, Total (TCR)	Routine Major	2002-0536	6/30/2002	8/20/2002, Compliance Achieved	
1389001 LOHRVILLE WATER SUPPLY		Population:	431	County: CALHOUN	
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	7/2/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
5240095	LONE TREE MUNI WATER SYSTEM	Population:	1151	County: JOHNSON	
Copper	AL, 90th Percentile	2003-0153	6/30/2002	2/21/2003, BCA issued	
Copper	AL, 90th Percentile	2003-0153	12/31/2002	2/21/2003, BCA issued	
4515202	LONG BRANCH BAR & GRILL	Population:	27	County: HOWARD	
Nitrate (as N)	Routine Major	2003-0041	9/30/2002	10/16/2002, Compliance Achieved	
3900300	LONG BRANCH MAINTENANCE CORP.	Population:	350	County: GUTHRIE	
Nitrate (as N)	Routine Major	2003-0115	12/31/2002	2/20/2003, Compliance Achieved	
Sodium	Routine Major	2003-0127	12/31/2002	2/20/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0127	12/31/2002	2/20/2003, Compliance Achieved	
4955725	LONG BRANCH TAVERN	Population:	35	County: JACKSON	
Coliform, Total (TCR)	Routine Major	2002-0525	6/30/2002	7/18/2002, NOV issued	11/21/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2003-0023	9/30/2002	10/23/2002, NOV issued	11/21/2002, AG Case Referred
Coliform, Total (TCR)	Routine Major	2003-0110	12/31/2002	1/23/2003, NOV issued	11/21/2002, AG Case Referred
5715209	LOYAL ORDER OF THE MOOSE LODGE/C RAPIDS	Population:	25	County: LINN	
Coliform, Total (TCR)	Routine Major	2002-0452	3/31/2002	4/1/2002, Compliance Achieved	
4260208	LOYAL ORDER OF THE MOOSE-IOWA FALLS	Population:	71	County: HARDIN	
Nitrate (as N)	Routine Major	2003-0115	12/31/2002	4/8/2003, Compliance Achieved	
0300641	LUND'S CAMP INC	Population:	72	County: ALLAMAKEE	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0618	9/30/2002	10/3/2002, NOV issued	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0003	12/31/2002	10/11/2002, NOV issued	
7000601	M AND W MOBILE HOME PARK	Population:	275	County: MUSCATINE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0559	8/31/2002	2/3/2003, Compliance Achieved	
2258201	MAGGIE'S DINER	Population:	41	County: CLAYTON	
Nitrate (as N)	Routine Major	2002-0435	2/28/2002	6/24/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0613	8/31/2002	9/17/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0017	9/30/2002	10/1/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0077	10/31/2002	11/25/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0117	12/31/2002	1/27/2003, Compliance Achieved	
6273901	MAHASKA RURAL WATER SYSTEM, INC.	Population:	5037	County: MAHASKA	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0082	12/31/2002	12/4/2002, NOV issued	
5225304	MAKADA HOMEOWNERS ASSOCIATION	Population:	75	County: JOHNSON	
Sodium	Routine Major	2002-0548	6/30/2002	8/24/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0548	6/30/2002	8/24/2002, Compliance Achieved	
Radium, Combined (226, 228)	Routine Major	2003-0076	9/30/2002	10/25/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
6545020 MALVERN WATER SUPPLY		Population:	1256	County: MILLS	
Copper	AL, 90th Percentile	2003-0155	12/31/2002	3/7/2003, NOV issued	
2839202 MANCHESTER LIVESTOCK AUCTION/COUNTRY CAF		Population:	123	County: DELAWARE	
Nitrate (as N)	Routine Major	2002-0428	2/28/2002	7/1/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0447	3/31/2002	7/1/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0478	4/30/2002	7/1/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0506	5/31/2002	7/1/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0513	9/30/2002	1/13/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0603	8/31/2002	10/16/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0612	8/31/2002	10/16/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0037	9/30/2002	10/16/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0092	11/30/2002	12/11/2002, Compliance Achieved	
1457025 MANNING WATER SUPPLY		Population:	1490	County: CARROLL	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0600	9/30/2002	3/31/2003, Compliance Achieved	
1400875 MAPLE RIVER WESTSIDE WATERLINE		Population:	75	County: CARROLL	
Sodium	Routine Major	2002-0545	6/30/2002	7/23/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0545	6/30/2002	7/23/2002, Compliance Achieved	
4950923 MAQUOKETA CAVES STATE PARK #3		Population:	40	County: JACKSON	
Coliform, Total (TCR)	Repeat Major	2002-0521	7/9/2002	7/15/2002, Compliance Achieved	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Repeat Major	2002-0568	8/2/2002	10/7/2002, Compliance Achieved	
4950029 MAQUOKETA MUNICIPAL WATER		Population:	6112	County: JACKSON	
Radium, Combined (226, 228)	MCL, Average	2002-0596	6/30/2002	8/26/2002, NOV issued	
Radium, Combined (226, 228)	MCL, Average	2002-0597	6/30/2002	8/26/2002, NOV issued	
Radium, Combined (226, 228)	MCL, Average	2003-0081	9/30/2002	12/2/2002, NOV issued	5/7/2003, BCA issued
Radium, Combined (226, 228)	MCL, Average	2003-0082	9/30/2002	12/2/2002, NOV issued	5/7/2003, BCA issued
Radium, Combined (226, 228)	MCL, Average	2003-0097	12/31/2002	12/30/2002, NOV issued	5/7/2003, BCA issued
Radium, Combined (226, 228)	MCL, Average	2003-0097	12/31/2002	12/30/2002, NOV issued	5/7/2003, BCA issued
7048301 MARK TWAIN MEADOWS HOMEOWNERS		Population:	375	County: MUSCATINE	
Coliform, Total (TCR)	Routine Major	2003-0067	10/31/2002	11/4/2002, Compliance Achieved	
9203461 MARR PARK		Population:	148	County: WASHINGTON	
Nitrate (as N)	Routine Major	2002-0531	6/30/2002	8/13/2002, Compliance Achieved	<input checked="" type="checkbox"/>
4260102 MARTIN MARIETTA AGGREGATES		Population:	33	County: HARDIN	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0409	3/31/2002	10/8/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
7820801 MARTIN ORCHARDS		Population:	310	County: POTTAWATTAMIE	<input checked="" type="checkbox"/>
Nitrate (as N)	Confirmation/Check Major	2002-0495	5/31/2002	6/20/2002, NOV issued	
Coliform, Total (TCR)	Routine Major	2002-0536	6/30/2002	10/7/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0040	9/30/2002	10/24/2002, NOV issued	
Coliform, Total (TCR)	Routine Major	2003-0040	9/30/2002	10/24/2002, NOV issued	
Nitrate (as N)	Confirmation/Check Major	2003-0087	11/30/2002	12/19/2002, NOV issued	
1750048 MASON CITY WATER DEPARTMENT		Population:	29172	County: CERRO GORDO	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0005	10/31/2002	10/16/2002, NOV issued	
3126438 MASSEY MARINA		Population:	206	County: DUBUQUE	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0553	9/30/2002	7/23/2002, NOV issued	
Coliform, Fecal	MCL (TCR), Acute	2002-0555	9/30/2002	7/23/2002, NOV issued	
5720914 MATSELL BRIDGE A		Population:	150	County: LINN	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0061	12/31/2002	5/1/2003, Compliance Achieved	
9630779 MATTER'S BALL ROOM		Population:	64	County: WINNESHIEK	
Nitrate (as N)	Routine Major	2002-0450	3/31/2002	12/16/2002, Compliance Achieved	3/10/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0514	6/30/2002	12/16/2002, Compliance Achieved	3/10/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2003-0038	9/30/2002	12/16/2002, Compliance Achieved	
8255060 MAYSVILLE MUNICIPAL WATER DEPT		Population:	163	County: SCOTT	
Arsenic	Routine Major	2002-0465	3/31/2002	4/9/2002, Compliance Achieved	
2258303 MCGREGOR WATER SUPPLY/RIDGEWOOD WEST		Population:	65	County: CLAYTON	
Sodium	Routine Major	2002-0464	3/31/2002	4/22/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0464	3/31/2002	4/22/2002, Compliance Achieved	
4453202 MCWHIRTER CHEVROLET		Population:	30	County: HENRY	
Coliform, Total (TCR)	Routine Major	2002-0435	2/28/2002	3/29/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0485	4/30/2002	6/17/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0507	5/31/2002	6/17/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0568	7/31/2002	9/5/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0613	8/31/2002	9/5/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0044	9/30/2002	11/12/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0078	10/31/2002	12/16/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0093	11/30/2002	12/16/2002, Compliance Achieved	
5751301 MEADOW KNOLLS ADDITION		Population:	59	County: LINN	
Coliform, Total (TCR)	Routine Major	2002-0423	2/28/2002	4/29/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0038	9/30/2002	4/15/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
3353718 MEADOW MIST MOTEL		Population:	25	County: FAYETTE	
Coliform, Total (TCR)	Routine Major	2002-0443	3/31/2002	6/28/2002, Compliance Achieved	6/28/2002, Compliance Achieved
Nitrate (as N)	Routine Major	2002-0449	3/31/2002	6/28/2002, Compliance Achieved	6/28/2002, Compliance Achieved
Nitrate (as N)	Confirmation/Check Major	2002-0495	5/31/2002	6/28/2002, Compliance Achieved	6/28/2002, Compliance Achieved
7000617 MECHA-CEBA SUBDIVISION		Population:	75	County: MUSCATINE	
Arsenic	Routine Major	2002-0462	3/31/2002	4/22/2002, Compliance Achieved	
Sodium	Routine Major	2002-0462	3/31/2002	4/22/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0462	3/31/2002	4/22/2002, Compliance Achieved	
Sodium	Routine Major	2002-0462	3/31/2002	4/22/2002, Compliance Achieved	
6471301 MELBOURNE VILLA MOBILE HOME PARK		Population:	25	County: MARSHALL	
Coliform, Total (TCR)	Routine Major	2002-0538	6/30/2002	8/30/2002, Compliance Achieved	
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	7/23/2002, NOV issued	
4344301 MELODY OAKS SUBDIVISION		Population:	40	County: HARRISON	
Consumer Confidence Reports	Consumer Confidence Report	2002-0514	7/31/2002	8/1/2002, Compliance Achieved	
5285203 MELSHA TAP INC		Population:	25	County: JOHNSON	
Nitrate (as N)	Routine Major	2002-0532	6/30/2002	11/25/2002, Compliance Achieved	
Nitrate (as N)	Confirmation/Check Major	2002-0607	8/31/2002	11/25/2002, Compliance Achieved	
4530201 MELVER WATER SYSTEM		Population:	29	County: HOWARD	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0408	3/31/2002	8/27/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0421	2/28/2002	5/21/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0539	6/30/2002	7/29/2002, Compliance Achieved	
5252202 MID RIVER MARINA		Population:	27	County: JOHNSON	
Nitrate (as N)	Routine Major	2003-0119	12/31/2002	2/13/2003, Compliance Achieved	
2391202 MIDWAY TRAVEL PLAZA		Population:	708	County: CLINTON	
Nitrate (as N)	Routine Major	2003-0043	9/30/2002	1/15/2003, Compliance Achieved	
Nitrate (as N)	Confirmation/Check Major	2003-0087	11/30/2002	1/15/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0119	12/31/2002	1/30/2003, Compliance Achieved	
5784302 MIDWAY WATER AND LIGHTING		Population:	72	County: LINN	
Arsenic	Routine Major	2002-0457	3/31/2002	4/17/2002, NOV issued	6/19/2003, AO w/ Penalty
Sodium	Routine Major	2002-0457	3/31/2002	4/17/2002, NOV issued	6/19/2003, AO w/ Penalty
Copper	Routine Tap	2003-0025	9/30/2002	10/25/2002, NOV issued	6/19/2003, AO w/ Penalty
Lead	Routine Tap	2003-0025	9/30/2002	10/25/2002, NOV issued	6/19/2003, AO w/ Penalty
Radium, Combined (226, 228)	Routine Major	2003-0145	12/31/2002	2/19/2003, NOV issued	6/19/2003, AO w/ Penalty
Gross Alpha, excluding Rn & U	Routine Major	2003-0145	12/31/2002	2/19/2003, NOV issued	6/19/2003, AO w/ Penalty

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION	
		NUMBER	END DATE			
0330631 MINNEISKA # 1 NORTH		Population:	25	County: ALLAMAKEE		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0470	4/30/2002	5/29/2002, Compliance Achieved		
6642201 MITCHELL DEVELOPMENT CORPORATION		Population:	84	County: MITCHELL		
Coliform, Total (TCR)	Routine Major	2002-0424	2/28/2002	5/8/2002, Compliance Achieved		
6642773 MITCHELL TOWN PUMP		Population:	102	County: MITCHELL		
Coliform, Total (TCR)	Routine Major	2002-0413	1/31/2002	5/8/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2002-0424	2/28/2002	5/8/2002, Compliance Achieved		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0439	3/31/2002	8/23/2002, Compliance Achieved		
Coliform, Total (TCR)	Repeat Major	2002-0442	4/9/2002	5/8/2002, Compliance Achieved		
Coliform, Total (TCR)	Repeat Major	2002-0442	4/9/2002	5/8/2002, Compliance Achieved		
Coliform, Total (TCR)	Repeat Major	2002-0442	4/9/2002	5/8/2002, Compliance Achieved		
Nitrite (as N)	Routine Major	2002-0455	3/31/2002	5/8/2002, Compliance Achieved		
5225601 MODERN MANOR, INC		Population:	915	County: JOHNSON		
Nitrate (as N)	Routine Major	2002-0448	3/31/2002	5/15/2002, Compliance Achieved		
Sodium	Routine Major	2002-0545	6/30/2002	8/20/2002, Compliance Achieved		
Arsenic	Routine Major	2002-0545	6/30/2002	8/20/2002, Compliance Achieved		
5300688 MONTI-VIEW MOBILE HOME PARK		Population:	75	County: JONES		
Nitrate (as N)	Routine Major	2002-0533	6/30/2002	10/16/2002, Compliance Achieved		
5343098 MONTICELLO WATER SUPPLY		Population:	3607	County: JONES		
Coliform, Total (TCR)	Routine Major	2002-0611	8/31/2002	10/1/2002, Compliance Achieved		
4728958 MOOREHEAD PARK #1		Population:	253	County: IDA		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0617	9/30/2002	9/24/2002, NOV issued		
Coliform, Fecal	MCL (TCR), Acute	2003-0005	9/30/2002	10/4/2002, NOV issued		
0650001 MOUNT AUBURN WATER SUPPLY		Population:	160	County: BENTON		
Coliform, Total (TCR)	Routine Major	2003-0066	10/31/2002	12/9/2002, Compliance Achieved		
8055014 MOUNT AYR WATER TREATMENT PLANT		Population:	1822	County: RINGGOLD		
Total Trihalomethanes (TTHM)	MCL, Average	2002-0411	3/31/2002	9/30/2002, Compliance Achieved	9/30/2002, Compliance Achieved	
5758801 MOUNT VERNON COMMUNITY BIBLE CHURCH		Population:	43	County: LINN		
Coliform, Total (TCR)	Routine Major	2002-0526	6/30/2002	9/30/2002, Compliance Achieved		
Nitrate (as N)	Routine Major	2003-0039	9/30/2002	12/27/2002, Compliance Achieved		
Nitrate (as N)	Confirmation/Check Major	2003-0086	11/30/2002	12/27/2002, Compliance Achieved		

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
1911204 MR Z'S CAFE		Population:	34	County: CHICKASAW	
Coliform, Total (TCR)	Routine Major	2002-0454	3/31/2002	10/29/2002, Compliance Achieved	11/12/2002, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2002-0540	6/30/2002	10/29/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0601	9/30/2002	9/20/2002, NOV issued	2/12/2003, BCA issued
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0002	12/31/2002	10/25/2002, NOV issued	2/12/2003, BCA issued
Coliform, Total (TCR)	Repeat Major	2003-0065	10/23/2002	12/7/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0083	12/31/2002	12/13/2002, NOV issued	2/12/2003, BCA issued
8222603 MT JOY MOBILE HOME PARK		Population:	173	County: SCOTT	
Coliform, Total (TCR)	Routine Major	2002-0445	3/31/2002	4/30/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0527	6/30/2002	7/31/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0543	6/30/2002	9/26/2002, Compliance Achieved	
5502801 MURPHY FAMILY FARMS - FEED MILL		Population:	76	County: KOSSUTH	
Nitrate (as N)	Routine Major	2002-0450	3/31/2002	4/15/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0452	3/31/2002	4/15/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0620	3/31/2002	11/20/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0043	9/30/2002	11/20/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0055	9/30/2002	11/20/2002, Compliance Achieved	
7048837 MUSCATINE MUNI GOLF COURSE		Population:	260	County: MUSCATINE	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0027	9/30/2002	10/3/2002, Compliance Achieved	
5815854 NATURAL GAS PIPELINE STATION # 204		Population:	25	County: LOUISA	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0083	12/31/2002	7/8/2003, Compliance Achieved	
3126902 NAVAL RESERVE CENTER		Population:	35	County: DUBUQUE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0598	8/31/2002	3/25/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0008	9/30/2002	12/18/2002, Compliance Achieved	
1970202 NEW HAMPTON GOLF & COUNTRY CLUB		Population:	57	County: CHICKASAW	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0582	7/31/2002	10/22/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0612	8/31/2002	10/22/2002, Compliance Achieved	
1970101 NEW HAMPTON RED POWER INC		Population:	25	County: CHICKASAW	
Coliform, Total (TCR)	Routine Major	2002-0443	3/31/2002	9/3/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0450	3/31/2002	9/3/2002, Compliance Achieved	
1600901 NEW HORIZON RESIDENTIAL		Population:	30	County: CEDAR	
Coliform, Total (TCR)	Routine Major	2002-0442	3/31/2002	5/14/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0476	4/30/2002	5/14/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0088	11/30/2002	12/2/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
5059064	NEWTON WATER SUPPLY	Population: 2003-0002	15579	County: JASPER 10/31/2002 4/17/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly				
9630780	NOB HILL SUPPER CLUB	Population: 2002-0416	65	County: WINNESHIEK 1/31/2002 2/19/2002, Compliance Achieved	2/25/2002, AO w/o Penalty
Nitrate (as N)	Routine Major				
Nitrate (as N)	Routine Major	2002-0450		3/31/2002 4/10/2002, Compliance Achieved	
4070205	NORSEMAN INN BEST WESTERN	Population: 2003-0110	31	County: HAMILTON 12/31/2002 2/5/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major				
5722532	NORTH LINN HIGH SCHOOL / MIDDLE SCHOOL	Population: 2002-0457	475	County: LINN 3/31/2002 4/2/2002, Compliance Achieved	<input checked="" type="checkbox"/>
Arsenic	Routine Major				
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0601		9/30/2002 3/3/2003, Compliance Achieved	
0345884	NORTHERN ENGRAVING COMPANY	Population: 2003-0083	132	County: ALLAMAKEE 12/31/2002 12/19/2002, NOV issued	
Coliform, Total (TCR)	MCL (TCR), Monthly				
9855201	NORTHWOOD COUNTRY CLUB	Population: 2002-0529	42	County: WORTH 6/30/2002 8/6/2002, Compliance Achieved	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major				
5225308	NORTHWOOD ESTATES	Population: 2002-0407	42	County: JOHNSON 1/31/2002 7/24/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly				
5200982	OAKDALE HOSPITAL WATER SYSTEM	Population: 2003-0230	450	County: JOHNSON 6/30/2002 6/24/2003, BCA issued	
Copper	AL, 90th Percentile				
Copper	AL, 90th Percentile	2003-0230		12/31/2002 6/24/2003, BCA issued	
0670801	OAKGROVE CHRISTIAN CHURCH	Population: 2003-0123	140	County: BENTON 12/31/2002 2/3/2003, Compliance Achieved	
Nitrate (as N)	Routine Major				
Nitrite (as N)	Routine Major	2003-0123		12/31/2002 2/3/2003, Compliance Achieved	
4462200	OAKLAND MILLS STORE	Population: 2003-0023	77	County: HENRY 9/30/2002 8/17/2002, Compliance Achieved	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major				
Nitrate (as N)	Routine Major	2003-0039		9/30/2002 8/17/2002, Compliance Achieved	
1700352	OAKWOOD PARK WATER ASSOCIATION	Population: 2002-0417	25	County: CERRO GORDO 3/31/2002 2/25/2002, NOV issued	10/25/2001, BCA issued
Arsenic	MCL, Average				
Arsenic	MCL, Average	2002-0466		6/30/2002 4/25/2002, NOV issued	
Arsenic	MCL, Average	2002-0555		9/30/2002 7/24/2002, NOV issued	
Arsenic	MCL, Average	2003-0059		12/31/2002 11/1/2002, NOV issued	
7709398	OAKWOOD PARK WATER INC.	Population: 2002-0414	201	County: POLK 1/31/2002 2/12/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major				
7239086	OCHEYEDAN WATER WORKS	Population: 2003-0129	536	County: OSCEOLA 12/31/2002 2/3/2003, Compliance Achieved	
Sodium	Routine Major				
Arsenic	Routine Major	2003-0129		12/31/2002 2/3/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
5879827 ODESSA DELLS		Population: 25	County: LOUISA		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0111	12/31/2002	4/7/2003, Compliance Achieved	
0858090 OGDEN MUNICIPAL UTILITIES		Population: 2023	County: BOONE		
Copper	AL, 90th Percentile	2002-0492	6/30/2002	6/5/2002, NOV issued	
5600685 OHKIYU VILLAGE MHC		Population: 34	County: LEE		
Sodium	Routine Major	2003-0051	9/30/2002	11/18/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0051	9/30/2002	11/18/2002, Compliance Achieved	
Consumer Confidence Reports	Consumer Confidence Report	2003-0100	7/31/2002	2/13/2003, Compliance Achieved	
3070868 OKOBOJI VIEW GOLF COURSE		Population: 127	County: DICKINSON		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0556	9/30/2002	8/1/2002, NOV issued	
Coliform, Fecal	MCL (TCR), Acute	2002-0558	9/30/2002	8/1/2002, NOV issued	
0330632 OLDTIMERS # 3 SOUTH		Population: 25	County: ALLAMAKEE		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0108	12/31/2002	4/6/2003, Compliance Achieved	
5355094 OLIN WATER SUPPLY		Population: 716	County: JONES		
Coliform, Total (TCR)	Routine Major	2002-0413	1/31/2002	4/16/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0611	8/31/2002	9/3/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0053	9/30/2002	10/28/2002, Compliance Achieved	
Sodium	Routine Major	2003-0053	9/30/2002	10/28/2002, Compliance Achieved	
4003211 OLSEN'S WATER SYSTEM		Population: 60	County: HAMILTON		
Coliform, Total (TCR)	Repeat Major	2002-0565	7/29/2002	8/15/2002, Compliance Achieved	
6739770 ONAWA COUNTRY CLUB		Population: 50	County: MONONA		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0510	6/30/2002	3/31/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0557	7/31/2002	3/31/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0563	8/31/2002	3/31/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0599	9/30/2002	3/31/2003, Compliance Achieved	
5358096 ONSLOW WATER SUPPLY		Population: 223	County: JONES		
Coliform, Total (TCR)	Routine Major	2002-0570	7/31/2002	10/3/2002, Compliance Achieved	
3357769 ORAN TAP & CAFE		Population: 51	County: FAYETTE		
Coliform, Total (TCR)	Routine Major	2002-0524	6/30/2002	2/13/2003, Compliance Achieved	2/13/2003, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2003-0020	9/30/2002	2/13/2003, Compliance Achieved	2/13/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2003-0041	9/30/2002	2/13/2003, Compliance Achieved	2/13/2003, Compliance Achieved
Nitrate (as N)	Confirmation/Check Major	2003-0087	11/30/2002	2/13/2003, Compliance Achieved	2/13/2003, Compliance Achieved
Coliform, Total (TCR)	Routine Major	2003-0110	12/31/2002	4/10/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
8474097	ORANGE CITY MUNICIPAL WATER DEPARTMENT	Population:	5589	County: SIoux	
Arsenic	Routine Major	2003-0128	12/31/2002	1/30/2003, Compliance Achieved	
Sodium	Routine Major	2003-0128	12/31/2002	1/30/2003, Compliance Achieved	
5282304	ORCHARD VIEW ESTATES	Population:	77	County: JOHNSON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0596	8/31/2002	3/13/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0618	9/30/2002	3/13/2003, Compliance Achieved	
6663001	OSAGE MUNICIPAL WATER SUPPLY	Population:	3451	County: MITCHELL	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0510	6/30/2002	6/24/2003, Compliance Achieved	4/29/2003, Compliance Achieved
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0597	8/31/2002	6/24/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0619	9/30/2002	6/24/2003, Compliance Achieved	
2242203	OSTERDOCK STORE	Population:	26	County: CLAYTON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0511	6/30/2002	4/30/2003, Compliance Achieved	4/30/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2003-0117	12/31/2002	3/31/2003, Compliance Achieved	
9464008	OTHO WATER SUPPLY	Population:	571	County: WEBSTER	
Consumer Confidence Reports	Consumer Confidence Report	2003-0098	7/31/2002	4/25/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0129	12/31/2002	2/11/2003, Compliance Achieved	
8676999	OTTER CREEK PK-WELL 1 (EAST)	Population:	150	County: TAMA	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0003	12/31/2002	4/14/2003, Compliance Achieved	
5361020	OXFORD JUNCTION WATER SUPPLY	Population:	573	County: JONES	
Nitrate (as N)	MCL, Single	2002-0516	8/31/2002	6/4/2003, Compliance Achieved	6/17/2003, Compliance Achieved
Nitrate (as N)	Routine Major	2003-0072	10/31/2002	11/13/2002, Compliance Achieved	
Nitrate (as N)	MCL, Single	2003-0083	11/30/2002	6/4/2003, Compliance Achieved	6/17/2003, Compliance Achieved
Nitrate (as N)	MCL, Single	2003-0084	12/31/2002	6/4/2003, Compliance Achieved	6/17/2003, Compliance Achieved
5260017	OXFORD WATER SUPPLY	Population:	705	County: JOHNSON	
Sodium	Routine Major	2002-0549	6/30/2002	8/16/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0549	6/30/2002	8/16/2002, Compliance Achieved	
7561021	OYENS WATER SUPPLY	Population:	132	County: PLYMOUTH	
Arsenic	Routine Major	2003-0130	12/31/2002	1/25/2003, Compliance Achieved	
Sodium	Routine Major	2003-0130	12/31/2002	1/25/2003, Compliance Achieved	
7383901	PAGE I RURAL WATER DISTRICT	Population:	4592	County: PAGE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0001	10/31/2002	4/30/2003, Compliance Achieved	
7622024	PALMER WATER SUPPLY	Population:	214	County: POCAHONTAS	
Sodium	Routine Major	2003-0130	12/31/2002	2/26/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0130	12/31/2002	2/26/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
5765203 PALO MINIMART		Population:	25	County: LINN	
Nitrate (as N)	Routine Major	2002-0532	6/30/2002	7/8/2002, Compliance Achieved	
5765801 PALO UNITED METHODIST CHURCH		Population:	27	County: LINN	
Nitrate (as N)	MCL, Single	2002-0418	2/28/2002	12/19/2002, Compliance Achieved	12/19/2002, Compliance Achieved
Nitrate (as N)	MCL, Single	2002-0436	3/31/2002	12/19/2002, Compliance Achieved	12/19/2002, Compliance Achieved
Nitrate (as N)	MCL, Single	2002-0510	6/30/2002	12/19/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0059	10/31/2002	11/6/2002, NOV issued	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0081	11/30/2002	12/2/2002, NOV issued	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0096	12/31/2002	12/23/2002, NOV issued	
3971026 PANORA WATER WORKS		Population:	1175	County: GUTHRIE	
Nitrate (as N)	MCL, Single	2002-0490	6/30/2002	1/31/2003, Compliance Achieved	
Nitrate (as N)	MCL, Single	2002-0512	7/31/2002	1/31/2003, Compliance Achieved	
2234601 PARADISE VALLEY CAMPGROUND		Population:	55	County: CLAYTON	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	8/1/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0536	6/30/2002	8/1/2002, Compliance Achieved	
3353719 PARK VIEW MOTEL		Population:	27	County: FAYETTE	
Coliform, Total (TCR)	Routine Major	2002-0443	3/31/2002	4/17/2002, NOV issued	3/19/2003, AG Case Referred
Nitrate (as N)	Routine Major	2002-0446	3/31/2002	4/17/2002, NOV issued	3/19/2003, AG Case Referred
Nitrate (as N)	Routine Major	2002-0446	3/31/2002	4/17/2002, NOV issued	3/19/2003, AG Case Referred
Coliform, Total (TCR)	Routine Major	2002-0524	6/30/2002	7/18/2002, NOV issued	3/19/2003, AG Case Referred
Nitrate (as N)	Routine Major	2002-0528	6/30/2002	7/18/2002, NOV issued	3/19/2003, AG Case Referred
Nitrate (as N)	Routine Major	2002-0529	6/30/2002	7/18/2002, NOV issued	3/19/2003, AG Case Referred
Nitrate (as N)	Routine Major	2003-0036	9/30/2002	10/23/2002, NOV issued	3/19/2003, AG Case Referred
Nitrate (as N)	Routine Major	2003-0036	9/30/2002	10/23/2002, NOV issued	3/19/2003, AG Case Referred
Nitrate (as N)	Routine Major	2003-0113	12/31/2002	1/23/2003, NOV issued	3/19/2003, AG Case Referred
Nitrate (as N)	Routine Major	2003-0114	12/31/2002	1/23/2003, NOV issued	3/19/2003, AG Case Referred
7736301 PARK VIEW VILLAGE		Population:	600	County: POLK	
Coliform, Total (TCR)	Routine Major	2002-0415	1/31/2002	2/12/2002, Compliance Achieved	
8200855 PARK VIEW WATER CO.		Population:	2500	County: SCOTT	
Nitrate (as N)	Routine Major	2003-0123	12/31/2002	2/11/2003, Compliance Achieved	
Nitrite (as N)	Routine Major	2003-0123	12/31/2002	2/11/2003, Compliance Achieved	
1281028 PARKERSBURG WATER SUPPLY		Population:	1889	County: BUTLER	
Arsenic	Routine Major	2003-0049	9/30/2002	11/7/2002, Compliance Achieved	
Radium, Combined (226, 228)	Routine Major	2003-0072	9/30/2002	11/7/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
7139032 PAULLINA MUNICIPAL WATER SUPPLY		Population:	1124	County: O'BRIEN	
Sodium	Routine Major	2003-0052	9/30/2002	11/5/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0052	9/30/2002	11/5/2002, Compliance Achieved	
3170001 PEOSTA WATER SUPPLY		Population:	651	County: DUBUQUE	
Nitrate (as N)	MCL, Single	2002-0411	2/28/2002	8/19/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0115	12/31/2002	1/8/2003, Compliance Achieved	
8666801 PILGRIM HEIGHTS CAMP		Population:	75	County: TAMA	
Coliform, Total (TCR)	Routine Major	2002-0541	6/30/2002	7/31/2002, Compliance Achieved	
9525935 PILOT KNOB STATE PARK-CAMPGROUND		Population:	50	County: WINNEBAGO	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0536	6/30/2002	7/8/2003, Compliance Achieved	
4100972 PINE LAKE STATE PARK - CAMP AREA		Population:	1950	County: HARDIN	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0525	6/30/2002	7/16/2002, Compliance Achieved	
5720907 PINICON RIDGE C		Population:	150	County: LINN	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0405	3/31/2002	10/10/2002, Compliance Achieved	
4260210 PLA-MOR BOWL OF IOWA FALLS, INC.		Population:	173	County: HARDIN	
Nitrate (as N)	Routine Major	2003-0114	12/31/2002	1/31/2003, NOV issued	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
2900600	PLANTATION VILLAGE MHP		Population: 49	County: DES MOINES	
Nitrate (as N)	Routine Major	2002-0449	3/31/2002	7/1/2002, Compliance Achieved	
Dichloromethane	Routine Major	2002-0479	3/31/2002	7/31/2002, Compliance Achieved	
o-Dichlorobenzene	Routine Major	2002-0479	3/31/2002	7/31/2002, Compliance Achieved	
p-Dichlorobenzene	Routine Major	2002-0479	3/31/2002	7/31/2002, Compliance Achieved	
Vinyl Chloride	Routine Major	2002-0479	3/31/2002	7/31/2002, Compliance Achieved	
1,1-Dichloroethylene	Routine Major	2002-0479	3/31/2002	7/31/2002, Compliance Achieved	
trans-1,2-Dichloroethylene	Routine Major	2002-0479	3/31/2002	7/31/2002, Compliance Achieved	
1,2-Dichloroethane	Routine Major	2002-0479	3/31/2002	7/31/2002, Compliance Achieved	
1,1,1-Trichloroethane	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
Carbon Tetrachloride	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
1,2-Dichloropropane	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
Trichloroethylene	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
1,1,2-Trichloroethane	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
Tetrachloroethylene	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
Monochlorobenzene	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
Benzene	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
Toluene	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
Ethylbenzene	Routine Major	2002-0480	3/31/2002	7/31/2002, Compliance Achieved	
Styrene	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
1,2,4-Trichlorobenzene	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
cis-1,2-Dichloroethylene	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
Xylenes	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
Dalapon	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
Di(2-Ethylhexyl) Adipate	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
Simazine	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
Di(2-Ethylhexyl) Phthalate	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
Picloram	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
Dinoseb	Routine Major	2002-0481	3/31/2002	7/31/2002, Compliance Achieved	
Atrazine	Routine Major	2002-0482	3/31/2002	7/31/2002, Compliance Achieved	
Alachlor (Lasso)	Routine Major	2002-0482	3/31/2002	7/31/2002, Compliance Achieved	
2,4-D	Routine Major	2002-0482	3/31/2002	7/31/2002, Compliance Achieved	
2,4,5-TP (Silvex)	Routine Major	2002-0482	3/31/2002	7/31/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
Benzo (a) Pyrene	Routine Major	2002-0482	3/31/2002	7/31/2002, Compliance Achieved	
Pentachlorophenol	Routine Major	2002-0482	3/31/2002	7/31/2002, Compliance Achieved	
Consumer Confidence Reports	Consumer Confidence Report	2003-0100	7/31/2002	2/13/2003, Compliance Achieved	
7767601 PLEASANT VALLEY MOBILE HOME PARK		Population:	348	County: POLK	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0468	4/30/2002	11/14/2002, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2002-0468	4/30/2002	11/14/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2002-0522	6/17/2002	8/8/2002, Compliance Achieved	
1940827 PLUM CREEK GOLF CLUB		Population:	25	County: CHICKASAW	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0578	7/31/2002	9/12/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2003-0063	11/1/2002	4/23/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0073	10/31/2002	4/23/2003, Compliance Achieved	
7770050 POLK CITY WATER SUPPLY		Population:	2344	County: POLK	
Copper	AL, 90th Percentile	2002-0492	6/30/2002	6/9/2002, NOV issued	
1363051 POMEROY WATER SUPPLY		Population:	710	County: CALHOUN	
Copper	AL, 90th Percentile	2003-0104	12/31/2002	1/8/2003, NOV issued	
6525979 PONY CREEK PARK		Population:	28	County: MILLS	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0477	4/30/2002	5/28/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0059	10/31/2002	11/4/2002, NOV issued	
Coliform, Total (TCR)	Repeat Major	2003-0063	10/18/2002	3/31/2003, Compliance Achieved	
8670701 POWESHIEK WATER ASSOCIATION		Population:	11518	County: TAMA	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0553	7/31/2002	7/19/2002, NOV issued	
1320501 PRAIRIE VALLEY COMMUNITY SCHOOL		Population:	300	County: CALHOUN	
Arsenic	Routine Major	2002-0459	3/31/2002	4/23/2002, Compliance Achieved	
4271901 QUAKERDALE		Population:	35	County: HARDIN	
Di(2-Ethylhexyl) Adipate	Routine Major	2003-0150	12/31/2002	3/31/2003, Compliance Achieved	
Simazine	Routine Major	2003-0150	12/31/2002	3/31/2003, Compliance Achieved	
Di(2-Ethylhexyl) Phthalate	Routine Major	2003-0150	12/31/2002	3/31/2003, Compliance Achieved	
Atrazine	Routine Major	2003-0150	12/31/2002	3/31/2003, Compliance Achieved	
Alachlor (Lasso)	Routine Major	2003-0150	12/31/2002	3/31/2003, Compliance Achieved	
Benzo (a) Pyrene	Routine Major	2003-0150	12/31/2002	3/31/2003, Compliance Achieved	
5377727 R J'S STATION		Population:	31	County: JONES	
Nitrate (as N)	MCL, Single	2002-0441	4/30/2002	10/15/2002, Compliance Achieved	
Nitrate (as N)	Confirmation/Check Major	2002-0476	4/24/2002	5/6/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
3759487 RACCOON RIVER BIBLE CAMP		Population: 87	County: GREENE		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0490	6/30/2002	9/30/2003, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2002-0492	6/30/2002	9/30/2003, Compliance Achieved	
Nitrite (as N)	Routine Major	2002-0538	6/30/2002	7/24/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0095	12/31/2002	1/14/2003, NOV issued	
5502203 RACERS BAR & GRILL		Population: 105	County: KOSSUTH		
Nitrate (as N)	Confirmation/Check Major	2002-0422	2/28/2002	4/23/2002, Compliance Achieved	
Nitrite (as N)	Confirmation/Check Major	2002-0422	2/28/2002	4/23/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0454	3/31/2002	4/30/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0120	12/31/2002	4/14/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0120	12/31/2002	4/14/2003, Compliance Achieved	
7727601 RADIO CITY MHP		Population: 400	County: POLK		
Coliform, Total (TCR)	Routine Major	2002-0614	8/31/2002	9/26/2002, Compliance Achieved	
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	7/23/2002, NOV issued	
1946201 RALEIGH HILLS GOLF COURSE		Population: 66	County: CHICKASAW		
Coliform, Total (TCR)	Routine Major	2003-0117	12/31/2002	1/2/2003, Compliance Achieved	
5285722 RANCH SUPPER CLUB		Population: 66	County: JOHNSON		
Coliform, Total (TCR)	Routine Major	2003-0025	9/30/2002	10/1/2002, Compliance Achieved	
0400900 RATHBUN REGIONAL WATER ASSN (RATHBUN)		Population: 22196	County: APPANOOSE		
Arsenic	Routine Major	2002-0478	3/31/2002	4/9/2002, Compliance Achieved	
Barium	Routine Major	2002-0478	3/31/2002	4/9/2002, Compliance Achieved	
Cadmium	Routine Major	2002-0478	3/31/2002	4/9/2002, Compliance Achieved	
Chromium	Routine Major	2002-0478	3/31/2002	4/9/2002, Compliance Achieved	
Mercury	Routine Major	2002-0478	3/31/2002	4/9/2002, Compliance Achieved	
Sodium	Routine Major	2002-0479	3/31/2002	4/9/2002, Compliance Achieved	
Thallium	Routine Major	2002-0479	3/31/2002	4/9/2002, Compliance Achieved	
Selenium	Routine Major	2002-0479	3/31/2002	4/9/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
1700628	RAYBURN COURT FOR MOBILE HOMES	Population:	36	County: CERRO GORDO	
Arsenic	MCL, Average	2002-0440	3/31/2002	8/11/2003, Compliance Achieved	
Arsenic	MCL, Average	2002-0514	6/30/2002	8/11/2003, Compliance Achieved	
Copper	Routine Tap	2003-0015	9/30/2002	8/11/2003, Compliance Achieved	
Lead	Routine Tap	2003-0016	9/30/2002	8/11/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0053	9/30/2002	8/11/2003, Compliance Achieved	
Consumer Confidence Reports	Consumer Confidence Report	2003-0098	7/31/2002	8/11/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0116	12/31/2002	8/11/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0129	12/31/2002	8/11/2003, Compliance Achieved	
6634201	RED MAN INN	Population:	27	County: MITCHELL	
Coliform, Total (TCR)	Routine Major	2003-0041	9/30/2002	11/12/2002, Compliance Achieved	
5440201	RED'S TALLEYRAND	Population:	49	County: KEOKUK	
Coliform, Total (TCR)	Routine Major	2002-0454	3/31/2002	6/19/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0045	9/30/2002	10/2/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0121	12/31/2002	3/31/2003, Compliance Achieved	
Nitrite (as N)	Routine Major	2003-0134	12/31/2002	3/31/2003, Compliance Achieved	
2564074	REDFIELD WATER WORKS	Population:	833	County: DALLAS	
Arsenic	Routine Major	2003-0054	9/30/2002	10/31/2002, Compliance Achieved	
Sodium	Routine Major	2003-0054	9/30/2002	10/31/2002, Compliance Achieved	
3126308	REGENCY WEST SUBDIVISION	Population:	46	County: DUBUQUE	
Coliform, Total (TCR)	Routine Major	2002-0611	8/31/2002	10/21/2002, Compliance Achieved	
8300184	REGIONAL WATER	Population:	2152	County: POTTAWATTAMIE	
Arsenic	Routine Major	2003-0053	9/30/2002	11/4/2002, Compliance Achieved	
8215396	REVELLE 1ST & 2ND SUBDIVISION	Population:	54	County: SCOTT	
Coliform, Total (TCR)	Routine Major	2003-0091	11/30/2002	1/29/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0112	12/31/2002	1/29/2003, Compliance Achieved	
9680085	RIDGEWAY, CITY OF	Population:	293	County: WINNESHIEK	
Nitrate (as N)	Routine Major	2002-0534	6/30/2002	7/25/2002, Compliance Achieved	
2570302	RIVER OAKS DEVELOPMENT	Population:	77	County: DALLAS	
Coliform, Total (TCR)	Routine Major	2002-0412	1/31/2002	2/12/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0416	1/31/2002	2/12/2002, Compliance Achieved	
9260090	RIVERSIDE WATER SUPPLY	Population:	928	County: WASHINGTON	
Arsenic	Routine Major	2003-0131	12/31/2002	1/30/2003, Compliance Achieved	
Sodium	Routine Major	2003-0131	12/31/2002	1/30/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
8271801 RIVERVIEW MANOR		Population:	95	County: SCOTT	
Coliform, Total (TCR)	Routine Major	2003-0030	9/30/2002	10/8/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0130	12/31/2002	2/19/2003, Compliance Achieved	
Sodium	Routine Major	2003-0130	12/31/2002	2/19/2003, Compliance Achieved	
1769767 ROCK FALLS LOUNGE		Population:	26	County: CERRO GORDO	
Coliform, Total (TCR)	Repeat Major	2002-0441	4/9/2002	8/14/2002, Compliance Achieved	
6065092 ROCK RAPIDS MUNICIPAL WATER WORKS		Population:	2573	County: LYON	
Sodium	Routine Major	2003-0126	12/31/2002	2/3/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0126	12/31/2002	2/3/2003, Compliance Achieved	
8482096 ROCK VALLEY WATER SUPPLY		Population:	2702	County: SIOUX	
Nitrate (as N)	MCL, Single	2002-0561	8/31/2002	2/10/2003, Compliance Achieved	
9525601 ROCKY KNOLL MHP		Population:	65	County: WINNEBAGO	
Coliform, Total (TCR)	Routine Major	2002-0415	1/31/2002	4/30/2002, Compliance Achieved	
2817710 ROCKY NOOK ASSOCIATION, INC.		Population:	50	County: DELAWARE	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0524	6/30/2002	9/2/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0537	6/30/2002	9/2/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0570	7/31/2002	8/6/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0066	10/31/2002	4/27/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0077	10/31/2002	4/27/2003, Compliance Achieved	
7820844 ROLLA-RENA SKATING CENTER INC		Population:	39	County: POTTAWATTAMIE	
Coliform, Total (TCR)	Routine Major	2003-0028	9/30/2002	10/10/2002, Compliance Achieved	
1080568 ROWLEY ELEMENTARY SCHOOL		Population:	145	County: BUCHANAN	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	11/12/2002, Compliance Achieved	
Copper	Routine Tap	2003-0014	9/30/2002	10/25/2002, NOV issued	
Lead	Routine Tap	2003-0014	9/30/2002	10/25/2002, NOV issued	
2166006 ROYAL MUNICIPAL WATER UTILITIES		Population:	479	County: CLAY	
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	5/7/2003, Compliance Achieved	
2300638 ROYAL PINES VILLAGE		Population:	425	County: CLINTON	
Coliform, Total (TCR)	Routine Major	2003-0089	11/30/2002	12/4/2002, Compliance Achieved	
8215399 RUSTIC OAKS HOMEOWNERS ASSN.		Population:	62	County: SCOTT	
Arsenic	Routine Major	2002-0462	3/31/2002	5/15/2002, Compliance Achieved	
Sodium	Routine Major	2002-0462	3/31/2002	5/15/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
5784315 RUSTIC RIDGE		Population:	40	County: LINN	
Copper	Routine Tap	2002-0526	6/30/2002	11/13/2002, Compliance Achieved	
Lead	Routine Tap	2002-0526	6/30/2002	11/13/2002, Compliance Achieved	
Sodium	Routine Major	2002-0551	6/30/2002	11/13/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0584	6/30/2002	11/13/2002, Compliance Achieved	
Barium	Routine Major	2002-0584	6/30/2002	11/13/2002, Compliance Achieved	
Cadmium	Routine Major	2002-0584	6/30/2002	11/13/2002, Compliance Achieved	
Chromium	Routine Major	2002-0584	6/30/2002	11/13/2002, Compliance Achieved	
Fluoride	Routine Major	2002-0584	6/30/2002	11/13/2002, Compliance Achieved	
Mercury	Routine Major	2002-0584	6/30/2002	11/13/2002, Compliance Achieved	
Sodium	Routine Major	2002-0584	6/30/2002	11/13/2002, Compliance Achieved	
Antimony	Routine Major	2002-0584	6/30/2002	11/13/2002, Compliance Achieved	
Thallium	Routine Major	2002-0585	6/30/2002	11/13/2002, Compliance Achieved	
Selenium	Routine Major	2002-0585	6/30/2002	11/13/2002, Compliance Achieved	
Arsenic	Confirmation/Check Major	2003-0010	9/30/2002	11/13/2002, Compliance Achieved	
Barium	Confirmation/Check Major	2003-0010	9/30/2002	11/13/2002, Compliance Achieved	
Cadmium	Confirmation/Check Major	2003-0010	9/30/2002	11/13/2002, Compliance Achieved	
Chromium	Confirmation/Check Major	2003-0010	9/30/2002	11/13/2002, Compliance Achieved	
Fluoride	Confirmation/Check Major	2003-0011	9/30/2002	11/13/2002, Compliance Achieved	
Mercury	Confirmation/Check Major	2003-0011	9/30/2002	11/13/2002, Compliance Achieved	
Sodium	Confirmation/Check Major	2003-0011	9/30/2002	11/13/2002, Compliance Achieved	
Antimony	Confirmation/Check Major	2003-0011	9/30/2002	11/13/2002, Compliance Achieved	
Thallium	Confirmation/Check Major	2003-0011	9/30/2002	11/13/2002, Compliance Achieved	
Selenium	Confirmation/Check Major	2003-0011	9/30/2002	11/13/2002, Compliance Achieved	
8230852 RUSTIC RIDGE GOLF COURSE		Population:	47	County: SCOTT	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0509	6/30/2002	12/10/2002, Compliance Achieved	
2864013 RYAN WATER SUPPLY		Population:	410	County: DELAWARE	
Arsenic	Routine Major	2003-0126	12/31/2002	2/3/2003, Compliance Achieved	
Sodium	Routine Major	2003-0126	12/31/2002	2/3/2003, Compliance Achieved	
Sodium	Routine Major	2003-0126	12/31/2002	2/3/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0126	12/31/2002	2/3/2003, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
8144817 SAC COUNTY GOLF AND COUNTRY CLUB		Population: 40	County: SAC		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0492	6/30/2002	3/11/2003, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2002-0509	6/30/2002	3/11/2003, Compliance Achieved	
3368599 SAINT LUCAS HISTORICAL SOCIETY		Population: 27	County: FAYETTE		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0602	9/30/2002	3/10/2003, Compliance Achieved	
0990990 SAINTS AVENUE APARTMENTS		Population: 175	County: BREMER		
Nitrate (as N)	MCL, Single	2002-0557	8/31/2002	7/31/2002, NOV issued	
9770024 SALIX WATER SUPPLY		Population: 370	County: WOODBURY		
Arsenic	Routine Major	2003-0130	12/31/2002	2/10/2003, Compliance Achieved	
Sodium	Routine Major	2003-0131	12/31/2002	2/10/2003, Compliance Achieved	
3643202 SAPP BROS TRUCK STOPS		Population: 1062	County: FREMONT		
Lead	AL, 90th Percentile	2003-0135	6/30/2002	1/24/2003, NOV issued	
2200901 SCENIC ACRES		Population: 44	County: CLAYTON		
Arsenic	Routine Major	2003-0048	9/30/2002	11/4/2002, Compliance Achieved	
Sodium	Routine Major	2003-0048	9/30/2002	11/4/2002, Compliance Achieved	
1545101 SCHULER MANUFACTURING		Population: 33	County: CASS		
Nitrate (as N)	Routine Major	2002-0535	6/30/2002	8/1/2002, Compliance Achieved	
4515709 SCOOTER'S TOWER CLUB		Population: 40	County: HOWARD		
Nitrate (as N)	Routine Major	2002-0529	6/30/2002	2/4/2003, Compliance Achieved	2/19/2003, AO w/ Penalty
Nitrate (as N)	Confirmation/Check Major	2002-0606	8/31/2002	2/4/2003, Compliance Achieved	2/19/2003, AO w/ Penalty
Nitrate (as N)	Routine Major	2003-0115	12/31/2002	2/4/2003, Compliance Achieved	2/19/2003, AO w/ Penalty
2974615 SEVEN PONDS PARK		Population: 648	County: DES MOINES		
Coliform, Total (TCR)	Repeat Major	2002-0517	7/11/2002	7/26/2002, NOV issued	
Coliform, Total (TCR)	Routine Major	2002-0564	7/31/2002	8/23/2002, NOV issued	
9368035 SEYMOUR MUNICIPAL UTILITY WATER DEPT		Population: 810	County: WAYNE		
Lead	AL, 90th Percentile	2003-0082	9/30/2002	12/4/2002, NOV issued	
3126345 SHAGBARK ESTATES		Population: 38	County: DUBUQUE		
Arsenic	Routine Major	2002-0545	6/30/2002	7/30/2002, Compliance Achieved	
Sodium	Routine Major	2002-0545	6/30/2002	7/30/2002, Compliance Achieved	
7380036 SHAMBAUGH MUNI WATER SUPPLY		Population: 188	County: PAGE		
Arsenic	Routine Major	2003-0053	9/30/2002	11/6/2002, Compliance Achieved	
Sodium	Routine Major	2003-0053	9/30/2002	11/6/2002, Compliance Achieved	



ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
7778039	SHELDAHL WATER SUPPLY	Population:	336	County: POLK	
Arsenic	Routine Major	2002-0458	3/31/2002	4/22/2002, Compliance Achieved	
Sodium	Routine Major	2002-0458	3/31/2002	4/22/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0529	6/30/2002	7/9/2002, Compliance Achieved	
1286104	SHELL ROCK PRODUCTS, INC., (OFFICE)	Population:	25	County: BUTLER	
Nitrate (as N)	Routine Major	2002-0529	6/30/2002	7/23/2002, NOV issued	
Nitrate (as N)	Routine Major	2003-0036	9/30/2002	3/31/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0108	12/31/2002	3/31/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0114	12/31/2002	3/31/2003, Compliance Achieved	
1286106	SHELL ROCK PRODUCTS, INC.-NEW SHOP WELL	Population:	50	County: BUTLER	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0108	12/31/2002	3/31/2003, Compliance Achieved	
0670043	SHELLSBURG WATER SUPPLY	Population:	938	County: BENTON	
Nitrate (as N)	Routine Major	2003-0038	9/30/2002	10/29/2002, Compliance Achieved	
4140202	SID'S GAS & GROCERIES	Population:	160	County: HANCOCK	
Nitrate (as N)	Confirmation/Check Major	2002-0422	2/28/2002	4/30/2002, Compliance Achieved	4/2/2003, Compliance Achieved
Nitrite (as N)	Confirmation/Check Major	2002-0422	2/28/2002	4/30/2002, Compliance Achieved	4/2/2003, Compliance Achieved
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0000	9/30/2002	4/2/2003, Compliance Achieved	
Coliform, Fecal	MCL (TCR), Acute	2003-0004	9/30/2002	4/2/2003, Compliance Achieved	
3661048	SIDNEY WATER SUPPLY	Population:	1300	County: FREMONT	
Copper	Routine Tap	2003-0134	9/30/2002	1/23/2003, NOV issued	
Lead	Routine Tap	2003-0135	9/30/2002	1/23/2003, NOV issued	
9630882	SILVERCREST GOLF & COUNTRY CLUB, INC.	Population:	88	County: WINNESHIEK	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0528	6/30/2002	10/23/2002, Compliance Achieved	
9778054	SIOUX CITY WATER SUPPLY	Population:	85013	County: WOODBURY	
Arsenic	Routine Major	2002-0575	6/30/2002	8/26/2002, Compliance Achieved	
Barium	Routine Major	2002-0575	6/30/2002	8/26/2002, Compliance Achieved	
Cadmium	Routine Major	2002-0576	6/30/2002	8/26/2002, Compliance Achieved	
Chromium	Routine Major	2002-0576	6/30/2002	8/26/2002, Compliance Achieved	
Fluoride	Routine Major	2002-0576	6/30/2002	8/26/2002, Compliance Achieved	
Mercury	Routine Major	2002-0576	6/30/2002	8/26/2002, Compliance Achieved	
Sodium	Routine Major	2002-0576	6/30/2002	8/26/2002, Compliance Achieved	
Antimony	Routine Major	2002-0576	6/30/2002	8/26/2002, Compliance Achieved	
Thallium	Routine Major	2002-0576	6/30/2002	8/26/2002, Compliance Achieved	
Selenium	Routine Major	2002-0576	6/30/2002	8/26/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
8270201 SLABY'S TAVERN		Population:	27	County: SCOTT	
Coliform, Total (TCR)	Routine Major	2003-0046	9/30/2002	11/5/2002, Compliance Achieved	
5282062 SOLON WATER DEPT		Population:	1177	County: JOHNSON	
Nitrate (as N)	Routine Major	2002-0446	3/31/2002	4/3/2002, Compliance Achieved	
Copper	Routine Tap	2003-0097	9/30/2002	1/6/2003, BCA issued	
Lead	Routine Tap	2003-0097	9/30/2002	1/6/2003, BCA issued	
1381073 SOMERS WATER WORKS		Population:	165	County: CALHOUN	
Arsenic	Routine Major	2002-0547	6/30/2002	7/29/2002, Compliance Achieved	
Sodium	Routine Major	2002-0547	6/30/2002	7/29/2002, Compliance Achieved	
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	7/23/2002, NOV issued	
5200324 SOUTH HIGH POINT WELL ASS'N 2		Population:	29	County: JOHNSON	
Sodium	Routine Major	2002-0462	3/31/2002	5/14/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0463	3/31/2002	5/14/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0556	7/31/2002	4/30/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0598	8/31/2002	4/30/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0062	11/30/2002	4/30/2003, Compliance Achieved	
5500822 SOUTHDALE HOME OWNERS ASS'N		Population:	72	County: KOSSUTH	
Coliform, Total (TCR)	Routine Major	2003-0111	12/31/2002	1/7/2003, Compliance Achieved	
7700802 SOUTHWEST POLK WATER SERVICE, INC.		Population:	303	County: POLK	
Coliform, Total (TCR)	Routine Major	2002-0414	1/31/2002	2/12/2002, Compliance Achieved	
2974001 SPERRY WATER SUPPLY		Population:	76	County: DES MOINES	
Copper	Routine Tap	2003-0105	9/30/2002	8/21/2003, Compliance Achieved	
Lead	Routine Tap	2003-0105	9/30/2002	8/21/2003, Compliance Achieved	
0315203 SPORTSMEN MOTEL		Population:	27	County: ALLAMAKEE	
Nitrate (as N)	Routine Major	2003-0120	12/31/2002	1/27/2003, Compliance Achieved	
5625819 SPRING LAKE GOLF CLUB LLC		Population:	55	County: LEE	
Nitrate (as N)	Routine Major	2002-0534	6/30/2002	8/27/2002, Compliance Achieved	
2330847 SPRINGBROOK COUNTRY CLUB		Population:	86	County: CLINTON	
Nitrate (as N)	MCL, Single	2002-0441	4/30/2002	8/7/2003, Compliance Achieved	8/7/2003, Compliance Achieved
Nitrate (as N)	MCL, Single	2002-0602	9/30/2002	8/7/2003, Compliance Achieved	8/7/2003, Compliance Achieved
8503305 SQUAW VALLEY SOUTH SUBDIVISION		Population:	163	County: STORY	
Arsenic	Routine Major	2002-0544	6/30/2002	8/25/2002, Compliance Achieved	
6673016 ST ANSGAR WATER SUPPLY		Population:	1031	County: MITCHELL	
Copper	Routine Tap	2003-0027	9/30/2002	11/19/2002, NOV issued	
Lead	Routine Tap	2003-0027	9/30/2002	11/19/2002, NOV issued	



ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
1253853 ST JOHN'S LUTHERAN CHURCH		Population:	29	County: BUTLER	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0406	3/31/2002	7/11/2002, Compliance Achieved	4/23/2002, AO w/ Penalty
Coliform, Total (TCR)	Routine Major	2003-0108	12/31/2002	1/13/2003, Compliance Achieved	
9486801 ST JOHN'S LUTHERAN CHURCH (VINCENT)		Population:	64	County: WEBSTER	
Coliform, Total (TCR)	Routine Major	2003-0120	12/31/2002	3/11/2003, Compliance Achieved	
3420503 ST MARY'S CHURCH		Population:	25	County: FLOYD	
Nitrate (as N)	Routine Major	2002-0506	5/31/2002	8/14/2002, Compliance Achieved	
5343815 ST. JOHN'S LUTHERAN CHURCH		Population:	62	County: JONES	
Arsenic	Routine Major	2002-0465	3/31/2002	4/30/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0560	8/31/2002	2/11/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0613	8/31/2002	10/9/2002, Compliance Achieved	
3368890 ST. LUKE CHURCH		Population:	72	County: FAYETTE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0489	6/30/2002	3/10/2003, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2002-0565	8/1/2002	12/2/2002, Compliance Achieved	
3130809 ST. PETER AND PAUL PARISH (SCHOOL)		Population:	81	County: DUBUQUE	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2002-0413	1/31/2002	6/20/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0531	6/30/2002	7/30/2002, Compliance Achieved	
6549801 ST. JOHN LUTH. CHURCH (MINEOLA)		Population:	25	County: MILLS	
Coliform, Total (TCR)	Routine Major	2002-0444	3/31/2002	5/1/2002, Compliance Achieved	
3126594 ST. JOSEPH'S SCHOOL & PARISH		Population:	225	County: DUBUQUE	<input checked="" type="checkbox"/>
Arsenic	Routine Major	2002-0461	3/31/2002	5/1/2002, Compliance Achieved	
1681092 STANWOOD WATER SUPPLY		Population:	680	County: CEDAR	
Copper	AL, 90th Percentile	2002-0466	6/30/2002	3/5/2002, BCA issued	
6484093 STATE CENTER MUNI WATER DEPT		Population:	1349	County: MARSHALL	
Radium, Combined (226, 228)	MCL, Average	2003-0002	9/30/2002	10/8/2002, NOV issued	
4289094 STEAMBOAT ROCK WATER DEPT		Population:	336	County: HARDIN	
Nitrate (as N)	Routine Major	2002-0532	6/30/2002	6/26/2002, Compliance Achieved	
9778966 STONE STATE PARK		Population:	607	County: WOODBURY	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0067	10/31/2002	4/16/2003, Compliance Achieved	
8271301 STONEY CREEK SUBDIVISION		Population:	25	County: SCOTT	
Coliform, Total (TCR)	Routine Major	2002-0477	4/30/2002	5/6/2002, Compliance Achieved	
8584000 STORY CITY WATER DEPT		Population:	3228	County: STORY	
Lead	AL, 90th Percentile	2002-0492	6/30/2002	5/30/2002, NOV issued	
Lead	AL, 90th Percentile	2003-0164	12/31/2002	4/8/2003, NOV issued	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
4051002	STRATFORD MUNI WATER DEPT	Population:	746	County: HAMILTON	
Arsenic	Routine Major	2003-0129	12/31/2002	2/5/2003, Compliance Achieved	
3126887	SUN DOWN SKI RESORT	Population:	685	County: DUBUQUE	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0448	3/31/2002	4/29/2002, Compliance Achieved	
3126603	SUPER 20 MOBILE HOME PARK	Population:	238	County: DUBUQUE	
Sodium	Routine Major	2003-0132	12/31/2002	1/27/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0132	12/31/2002	1/27/2003, Compliance Achieved	
7177007	SUTHERLAND WATER SUPPLY	Population:	707	County: O'BRIEN	
Copper	Routine Tap	2003-0028	9/30/2002	10/24/2002, NOV issued	
Lead	Routine Tap	2003-0028	9/30/2002	10/24/2002, NOV issued	
5748898	SUTLIFF STORE & TAVERN	Population:	35	County: JOHNSON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0491	6/30/2002	9/26/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0553	7/31/2002	9/26/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0562	8/31/2002	9/26/2002, Compliance Achieved	
6380047	SWAN WATER WORKS	Population:	121	County: MARION	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0542	7/31/2002	1/29/2003, Compliance Achieved	
3126732	SWEENEYS	Population:	113	County: DUBUQUE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0511	6/30/2002	12/16/2002, Compliance Achieved	
3126941	SWISS VALLEY NATURE CENTER	Population:	363	County: DUBUQUE	
Coliform, Total (TCR)	Routine Major	2002-0611	8/31/2002	10/21/2002, Compliance Achieved	
5525807	SYCAMORE APARTMENTS	Population:	50	County: JOHNSON	
Coliform, Total (TCR)	Routine Major	2002-0444	3/31/2002	5/21/2002, Compliance Achieved	
5240101	SYNGENTA SEEDS INC	Population:	58	County: JOHNSON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0001	12/31/2002	6/17/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0060	11/30/2002	6/17/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0084	12/31/2002	1/8/2003, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2003-0106	12/30/2002	1/8/2003, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2003-0106	12/30/2002	1/8/2003, Compliance Achieved	
3907801	TALL CORN ETHANOL	Population:	49	County: GUTHRIE	
Nitrite (as N)	Routine Major	2003-0121	12/31/2002	3/4/2003, Compliance Achieved	
9715201	THE BARN (CLIMBING HILL)	Population:	27	County: WOODBURY	
Coliform, Total (TCR)	Routine Major	2002-0539	6/30/2002	8/1/2002, Compliance Achieved	
8503202	THE BROILER	Population:	122	County: STORY	
Coliform, Total (TCR)	Routine Major	2003-0031	9/30/2002	9/9/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
4248201 THE CROSGING CAFE		Population:	28	County: HARDIN	
Nitrate (as N)	Confirmation/Check Major	2002-0412	1/22/2002	7/16/2002, Compliance Achieved	
3128204 THE HANDLE BAR		Population:	29	County: DUBUQUE	
Nitrite (as N)	Routine Major	2002-0455	3/31/2002	4/1/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0455	3/31/2002	4/1/2002, Compliance Achieved	
5343202 THE HEIGHTS		Population:	56	County: JONES	
Nitrate (as N)	Routine Major	2003-0038	9/30/2002	10/31/2002, Compliance Achieved	
0398201 THE OLD ROSSVILLE STORE		Population:	55	County: ALLAMAKEE	
Coliform, Total (TCR)	Routine Major	2003-0066	10/31/2002	12/17/2002, Compliance Achieved	
9644201 THE OLD STORE		Population:	38	County: WINNESHIEK	
Nitrate (as N)	MCL, Single	2002-0476	5/31/2002	11/18/2002, Compliance Achieved	
1750761 THE OUTER EDGE, INC.		Population:	36	County: CERRO GORDO	
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	8/15/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0038	9/30/2002	11/4/2002, Compliance Achieved	
1750708 THE ROSE BOWL		Population:	26	County: CERRO GORDO	
Nitrate (as N)	Routine Major	2003-0114	12/31/2002	1/31/2003, NOV issued	
3300770 THE SPORTSMEN		Population:	187	County: FAYETTE	
Coliform, Total (TCR)	Routine Major	2002-0413	1/31/2002	6/26/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0423	2/28/2002	6/26/2002, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0467	4/30/2002	4/23/2003, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2002-0471	5/13/2002	6/26/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2002-0471	5/13/2002	6/26/2002, Compliance Achieved	
Coliform, Total (TCR)	Repeat Major	2002-0472	5/13/2002	6/26/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0611	8/31/2002	10/28/2002, Compliance Achieved	
9637201 THE ZIPPER		Population:	30	County: WINNESHIEK	
Coliform, Total (TCR)	Routine Major	2002-0445	3/31/2002	4/22/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0034	9/30/2002	10/28/2002, Compliance Achieved	
9580202 THE ZONE		Population:	53	County: WINNEBAGO	
Coliform, Total (TCR)	Routine Major	2002-0454	3/31/2002	10/25/2002, Compliance Achieved	
Nitrite (as N)	Routine Major	2002-0454	3/31/2002	10/25/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0454	3/31/2002	10/25/2002, Compliance Achieved	
Nitrite (as N)	Confirmation/Check Major	2002-0497	5/31/2002	10/25/2002, Compliance Achieved	
Nitrate (as N)	Confirmation/Check Major	2002-0497	5/31/2002	10/25/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0540	6/30/2002	10/25/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION
1781019	THORNTON WATER SUPPLY	Population:	422	County: CERRO GORDO	
Sodium	Routine Major	2003-0053	9/30/2002	11/12/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0054	9/30/2002	11/12/2002, Compliance Achieved	
Sodium	Routine Major	2003-0054	9/30/2002	11/12/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0054	9/30/2002	11/12/2002, Compliance Achieved	
6653201	THREE HORSE SALOON	Population:	55	County: MITCHELL	
Coliform, Total (TCR)	Routine Major	2003-0121	12/31/2002	1/7/2003, Compliance Achieved	
3170335	THUNDER HILLS HOME & UTILITY ASSOC.	Population:	300	County: DUBUQUE	
Coliform, Total (TCR)	Repeat Major	2002-0565	8/2/2002	10/9/2002, Compliance Achieved	
3170303	THUNDER RIDGE ESTATES	Population:	36	County: DUBUQUE	
Lead	AL, 90th Percentile	2002-0557	6/30/2002	8/6/2002, BCA issued	2/19/2003, BCA issued
Copper	AL, 90th Percentile	2003-0152	12/31/2002	2/19/2003, BCA issued	2/19/2003, BCA issued
Lead	AL, 90th Percentile	2003-0152	12/31/2002	2/19/2003, BCA issued	2/19/2003, BCA issued
3671021	THURMAN WATER WORKS	Population:	236	County: FREMONT	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0407	1/31/2002	7/1/2002, Compliance Achieved	
8215306	TIMBER LAKE ESTATES HOA	Population:	33	County: SCOTT	
Nitrate (as N)	Routine Major	2002-0537	6/30/2002	8/13/2002, Compliance Achieved	
0600600	TIMBER RIDGE	Population:	280	County: BENTON	
Nitrite (as N)	MCL, Average	2002-0405	1/31/2002	7/10/2002, Compliance Achieved	
5200303	TIMBER TRAIL HOMEOWNERS ASSOCIATION	Population:	78	County: JOHNSON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0561	8/31/2002	2/7/2003, Compliance Achieved	
8215384	TIMBER VALLEY ESTATES (1ST & 2ND ADD)	Population:	169	County: SCOTT	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0467	4/30/2002	10/13/2002, Compliance Achieved	
8215385	TIMBER VALLEY ESTATES (THIRD ADDITION)	Population:	65	County: SCOTT	
Copper	Routine Tap	2003-0164	9/30/2002	9/22/2003, Compliance Achieved	
9260302	TIMBERLINE ESTATES	Population:	25	County: WASHINGTON	
Coliform, Total (TCR)	Routine Major	2002-0435	2/28/2002	3/19/2002, Compliance Achieved	
Copper	Routine Tap	2003-0155	12/31/2002	3/11/2003, BCA issued	
Lead	Routine Tap	2003-0155	12/31/2002	3/11/2003, BCA issued	
8676027	TOLEDO WATER SUPPLY	Population:	2539	County: TAMA	
Radium, Combined (226, 228)	Routine Major	2003-0005	9/30/2002	10/15/2002, NOV issued	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION	
		NUMBER	END DATE			
0990208 TORI'S STEAK HOUSE		Population:	137	County: BREMER		
Nitrate (as N)	MCL, Single	2002-0418	2/28/2002	2/28/2002, NOV issued	9/24/2001, BCA issued	
Nitrate (as N)	MCL, Single	2002-0439	3/31/2002	3/27/2002, NOV issued	9/24/2001, BCA issued	
Coliform, Total (TCR)	Routine Major	2002-0453	3/31/2002	6/25/2002, Compliance Achieved		
Nitrate (as N)	MCL, Single	2002-0469	5/31/2002	5/10/2002, NOV issued	9/24/2001, BCA issued	
Coliform, Total (TCR)	Routine Major	2002-0486	4/30/2002	6/25/2002, Compliance Achieved		
Nitrate (as N)	Routine Major	2002-0486	4/30/2002	6/25/2002, Compliance Achieved		
Nitrate (as N)	MCL, Single	2002-0557	7/31/2002	7/31/2002, NOV issued	9/24/2001, BCA issued	
7820204 TOWN & COUNTRY AQUA CLUB		Population:	30	County: POTTAWATTAMIE		<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2003-0036	9/30/2002	4/30/2003, Compliance Achieved		
7820843 TREYNOR ELECTRIC QUICK STORE		Population:	26	County: POTTAWATTAMIE		
Nitrate (as N)	Routine Major	2002-0452	3/31/2002	4/24/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2002-0527	6/30/2002	9/23/2002, Compliance Achieved		
7853561 TRI CENTER COMMUNITY SCHOOL		Population:	805	County: POTTAWATTAMIE		<input checked="" type="checkbox"/>
Copper	AL, 90th Percentile	2002-0555	6/30/2002	2/26/2003, Compliance Achieved		
Nitrate (as N)	Routine Major	2003-0036	9/30/2002	11/18/2002, Compliance Achieved		
0975032 TRIPOLI WATER SUPPLY		Population:	1310	County: BREMER		
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0058	10/31/2002	4/10/2003, Compliance Achieved		
8209301 TROUT VALLEY 2ND ADDITION		Population:	97	County: SCOTT		
Coliform, Total (TCR)	Routine Major	2002-0414	1/31/2002	2/19/2002, Compliance Achieved		
8209398 TROUT VALLEY HOMES ASSOC. 1		Population:	95	County: SCOTT		
Coliform, Total (TCR)	Routine Major	2002-0414	1/31/2002	2/19/2002, Compliance Achieved		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0512	6/30/2002	1/29/2003, Compliance Achieved		
3126209 TRUCK COUNTRY OF IOWA		Population:	55	County: DUBUQUE		
Nitrate (as N)	Routine Major	2002-0451	3/31/2002	5/3/2002, Compliance Achieved		
Copper	Routine Tap	2003-0042	9/30/2002	10/28/2002, Compliance Achieved		
Lead	Routine Tap	2003-0042	9/30/2002	10/28/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2003-0042	9/30/2002	10/28/2002, Compliance Achieved		
1182035 TRUESDALE WATER SUPPLY		Population:	91	County: BUENA VISTA		
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	7/23/2002, NOV issued		
6167036 TRURO WATERWORKS		Population:	427	County: MADISON		
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0004	10/31/2002	4/8/2003, Compliance Achieved		
8500617 TWIN ANCHORS CAMPGROUND		Population:	50	County: STORY		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0031	9/30/2002	10/29/2002, NOV issued		

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
5200861	TWIN VALLEY LAKES IMPROVEMENT ASSN	Population:	150	County: JOHNSON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0514	7/31/2002	1/6/2003, Compliance Achieved	
2561101	TYSON FRESH MEATS INC (PERRY PLANT)	Population:	1100	County: DALLAS	
Coliform, Total (TCR)	MCL (TCR), Monthly	2003-0004	10/31/2002	10/17/2002, NOV issued	
2424108	TYSON FRESH MEATS, INC (DENISON PLANT)	Population:	350	County: CRAWFORD	
Lead	AL, 90th Percentile	2002-0558	9/30/2002	8/2/2002, NOV issued	
1286101	UNVERFERTH MANUFACTURING	Population:	170	County: BUTLER	
Coliform, Total (TCR)	Routine Major	2002-0603	8/31/2002	9/25/2002, Compliance Achieved	
6762043	UTE WATER SUPPLY	Population:	378	County: MONONA	
Coliform, Total (TCR)	Routine Major	2002-0413	1/31/2002	2/19/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2002-0415	1/31/2002	2/19/2002, Compliance Achieved	
1509747	VALLEY COUNTRY CAFE	Population:	216	County: CASS	
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	7/1/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0108	12/31/2002	7/1/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0116	12/31/2002	7/1/2003, Compliance Achieved	
3338500	VALLEY HIGH SCHOOL	Population:	523	County: FAYETTE	<input checked="" type="checkbox"/>
Copper	Routine Tap	2003-0109	12/31/2002	1/28/2003, Compliance Achieved	
Lead	Routine Tap	2003-0109	12/31/2002	1/28/2003, Compliance Achieved	
3181600	VALLEY HILL COURT, INC.	Population:	85	County: DUBUQUE	
Sodium	Routine Major	2002-0546	6/30/2002	7/24/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0546	6/30/2002	7/24/2002, Compliance Achieved	
4300601	VALLEY VIEW WATER ASSOCIATION	Population:	64	County: HARRISON	
Copper	Routine Tap	2003-0022	9/30/2002	10/25/2002, NOV issued	
Lead	Routine Tap	2003-0022	9/30/2002	10/25/2002, NOV issued	
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	7/23/2002, NOV issued	
0685045	VAN HORNE WATER WORKS	Population:	716	County: BENTON	
Radium, Combined (226, 228)	Routine Major	2003-0077	9/30/2002	12/18/2002, Compliance Achieved	
Radium, Combined (226, 228)	Routine Major	2003-0077	9/30/2002	12/18/2002, Compliance Achieved	
3100610	VERDE WATER CO.-TABLE MOUND #1-WELL #2	Population:	342	County: DUBUQUE	
Arsenic	Routine Major	2003-0051	9/30/2002	10/23/2002, NOV issued	
Sodium	Routine Major	2003-0051	9/30/2002	10/23/2002, NOV issued	
9486052	VINCENT WATER SUPPLY	Population:	158	County: WEBSTER	
Arsenic	Routine Major	2002-0460	3/31/2002	4/29/2002, Compliance Achieved	
Sodium	Routine Major	2002-0460	3/31/2002	4/29/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
9580203 VINJE PUB		Population:	48	County: WINNEBAGO	
Nitrate (as N)	Confirmation/Check Major	2002-0423	2/28/2002	3/18/2002, NOV issued	3/29/2002, No EPA Enforcement Action
Nitrite (as N)	Confirmation/Check Major	2002-0423	2/28/2002	3/18/2002, NOV issued	3/29/2002, No EPA Enforcement Action
Coliform, Total (TCR)	Routine Major	2002-0454	3/31/2002	10/17/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2002-0541	6/30/2002	10/17/2002, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0121	12/31/2002	1/23/2003, NOV issued	
8285058 WALCOTT WATERWORKS		Population:	1528	County: SCOTT	
Sodium	Routine Major	2003-0131	12/31/2002	2/5/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0131	12/31/2002	2/5/2003, Compliance Achieved	
7856901 WALLACE FOUNDATION LEARNING CENTER		Population:	28	County: POTTAWATTAMIE	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0489	6/30/2002	12/31/2002, Compliance Achieved	
5343204 WALNUT ACRES CAMPGROUND II		Population:	40	County: JONES	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0559	8/31/2002	8/7/2002, NOV issued	
7872062 WALNUT MUNICIPAL UTILITIES		Population:	877	County: POTTAWATTAMIE	
Arsenic	Routine Major	2002-0545	6/30/2002	7/23/2002, Compliance Achieved	
Sodium	Routine Major	2002-0545	6/30/2002	7/23/2002, Compliance Achieved	
5879063 WAPELLO MUNICIPAL WATER WORKS		Population:	2124	County: LOUISA	
Sodium	Routine Major	2003-0048	9/30/2002	11/1/2002, Compliance Achieved	
Arsenic	Routine Major	2003-0048	9/30/2002	11/1/2002, Compliance Achieved	
2320850 WAPSI OAKS COUNTRY CLUB		Population:	55	County: CLINTON	
Coliform, Total (TCR)	Routine Major	2003-0017	9/30/2002	10/29/2002, Compliance Achieved	
8225445 WAPSI RIVER ENVIRON. EDUCATION CTR		Population:	44	County: SCOTT	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0490	6/30/2002	3/11/2003, Compliance Achieved	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0616	9/30/2002	3/11/2003, Compliance Achieved	
0965201 WAPSIE RIDGE GOLF COURSE, INC.		Population:	47	County: BREMER	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0436	3/31/2002	4/3/2002, NOV issued	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0466	6/30/2002	4/23/2002, NOV issued	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0612	9/30/2002	9/23/2002, NOV issued	
1037103 WAPSIE VALLEY CREAMERY, INC.		Population:	60	County: BUCHANAN	
Arsenic	Routine Major	2003-0124	12/31/2002	1/30/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0124	12/31/2002	1/30/2003, Compliance Achieved	
5307200 WAPSIPINICON COUNTRY CLUB		Population:	85	County: JONES	
Coliform, Total (TCR)	Routine Major	2002-0444	3/31/2002	4/3/2002, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0025	9/30/2002	10/23/2002, NOV issued	
Coliform, Total (TCR)	Routine Major	2003-0110	12/31/2002	1/24/2003, NOV issued	

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION	
		NUMBER	END DATE			
0397551 WATERVILLE ELEMENTARY SCHOOL		Population:	225	County: ALLAMAKEE		<input checked="" type="checkbox"/>
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0601	9/30/2002	5/6/2003, Compliance Achieved		
Nitrate (as N)	MCL, Single	2003-0062	11/30/2002	11/18/2002, NOV issued	8/12/2003, BCA issued	
Nitrate (as N)	MCL, Single	2003-0082	12/31/2002	12/5/2002, NOV issued	8/12/2003, BCA issued	
4063094 WEBSTER CITY WATER SUPPLY		Population:	8176	County: HAMILTON		
Arsenic	Routine Major	2003-0051	9/30/2002	11/18/2002, Compliance Achieved		
Arsenic	Routine Major	2003-0051	9/30/2002	11/18/2002, Compliance Achieved		
3890097 WELLSBURG WATER SUPPLY		Population:	716	County: GRUNDY		
Coliform, Total (TCR)	Routine Major	2003-0089	11/30/2002	12/4/2002, Compliance Achieved		
2330576 WELTON ELEMENTARY		Population:	250	County: CLINTON		<input checked="" type="checkbox"/>
Cyanazine	Routine Major	2003-0124	12/31/2002	4/7/2003, Compliance Achieved		
5225306 WENDRAM BLUFF HOMES WATER SYSTEM		Population:	68	County: JOHNSON		
Coliform, Total (TCR)	Routine Major	2002-0611	8/31/2002	9/27/2002, Compliance Achieved		
5715601 WENDY OAKS MHP		Population:	41	County: LINN		
Coliform, Total (TCR)	Routine Major	2002-0423	2/28/2002	4/9/2002, Compliance Achieved		
5592098 WESLEY WATER SUPPLY		Population:	467	County: KOSSUTH		
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0489	6/30/2002	12/3/2002, Compliance Achieved		
1400902 WEST CENTRAL RWA - NISH SYSTEM		Population:	3168	County: CARROLL		
Nitrate (as N)	Routine Major	2002-0532	6/30/2002	9/17/2002, Compliance Achieved		
8215900 WEST LAKE-LAKEVIEW		Population:	31	County: SCOTT		<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0530	6/30/2002	7/9/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2003-0029	9/30/2002	5/28/2003, Compliance Achieved		
8251901 WEST LAKE-PARK TERRACE		Population:	31	County: SCOTT		<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0531	6/30/2002	7/9/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2003-0030	9/30/2002	5/28/2003, Compliance Achieved		
8251900 WEST LAKE-SUMMIT CAMPGROUND		Population:	503	County: SCOTT		<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0532	6/30/2002	7/9/2002, Compliance Achieved		
Coliform, Total (TCR)	Routine Major	2003-0030	9/30/2002	5/28/2003, Compliance Achieved		
7073834 WEST LIBERTY FOODS		Population:	1078	County: MUSCATINE		
Arsenic	Routine Major	2002-0459	3/31/2002	5/14/2002, Compliance Achieved		
3070301 WEST OKOBOJI HARBOR ASSOCIATION		Population:	365	County: DICKINSON		
Consumer Confidence Reports	Consumer Confidence Report	2003-0099	7/31/2002	7/23/2002, NOV issued		
5225325 WESTCOTT HEIGHTS PARTS 1 & 2		Population:	80	County: JOHNSON		
Lead	AL, 90th Percentile	2003-0082	9/30/2002	12/3/2002, BCA issued		

ANALYTE NAME	VIOLATION NAME	VIOLATION COMPLIANCE		STANDARD ACTION	SNC ACTION
		NUMBER	END DATE		
7820401 WESTFAIR		Population:	301	County: POTTAWATTAMIE	<input checked="" type="checkbox"/>
Coliform, Total (TCR)	Routine Major	2003-0041	9/30/2002	6/25/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0043	9/30/2002	6/25/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0117	12/31/2002	6/25/2003, Compliance Achieved	
Coliform, Total (TCR)	Routine Major	2003-0118	12/31/2002	6/25/2003, Compliance Achieved	
5595815 WHITTEMORE COUNTRY CLUB		Population:	55	County: KOSSUTH	<input checked="" type="checkbox"/>
Nitrate (as N)	Routine Major	2002-0531	6/30/2002	8/27/2002, Compliance Achieved	
5595020 WHITTEMORE MUNI WATER SUPPLY		Population:	530	County: KOSSUTH	
Coliform, Total (TCR)	Routine Major	2002-0503	5/31/2002	8/5/2002, Compliance Achieved	
2570301 WILDWOOD WATER CORPORATION		Population:	185	County: DALLAS	
Coliform, Total (TCR)	Routine Major	2002-0412	1/31/2002	2/12/2002, Compliance Achieved	
9905302 WILSON SUBDIVISION WELL #9		Population:	45	County: WRIGHT	
Coliform, Total (TCR)	Routine Major	2003-0113	12/31/2002	5/1/2003, Compliance Achieved	
2300607 WINDING BROOK MOBILE HOME PARK		Population:	150	County: CLINTON	
Coliform, Total (TCR)	MCL (TCR), Monthly	2002-0406	1/31/2002	7/2/2002, Compliance Achieved	
0315707 WINGS		Population:	46	County: ALLAMAKEE	
Nitrate (as N)	Routine Major	2003-0118	12/31/2002	1/27/2003, Compliance Achieved	
1900601 WINTER MOBILE HOME PARK		Population:	50	County: CHICKASAW	
Coliform, Total (TCR)	Routine Major	2002-0523	6/30/2002	10/30/2002, Compliance Achieved	
4170033 WODEN WATER SUPPLY		Population:	243	County: HANCOCK	
Sodium	Routine Major	2002-0547	6/30/2002	8/9/2002, Compliance Achieved	
Arsenic	Routine Major	2002-0547	6/30/2002	8/9/2002, Compliance Achieved	
9433600 WOODLAND ACRES		Population:	92	County: WEBSTER	
Arsenic	Routine Major	2002-0545	6/30/2002	8/13/2002, Compliance Achieved	
Sodium	Routine Major	2002-0545	6/30/2002	8/13/2002, Compliance Achieved	
7717301 WOODLAND LAKE ESTATES HOA		Population:	207	County: POLK	
Coliform, Total (TCR)	Routine Major	2002-0416	1/31/2002	2/12/2002, Compliance Achieved	
3189001 WORTHINGTON WATER SUPPLY		Population:	381	County: DUBUQUE	
Arsenic	Routine Major	2002-0461	3/31/2002	4/24/2002, Compliance Achieved	
Sodium	Routine Major	2002-0461	3/31/2002	4/24/2002, Compliance Achieved	
3980040 YALE WATER SUPPLY		Population:	287	County: GUTHRIE	
Arsenic	Routine Major	2002-0549	6/30/2002	7/25/2002, Compliance Achieved	

ANALYTE NAME	VIOLATION NAME	VIOLATION NUMBER	COMPLIANCE END DATE	STANDARD ACTION	SNC ACTION	
8590041	ZEARING WATER DEPARTMENT	Population: 617 County: STORY				
Arsenic	Routine Major	2002-0461	3/31/2002	4/22/2002, Compliance Achieved	4/1/2003, Compliance Achieved	
Nitrate (as N)	Routine Major	2003-0116	12/31/2002	4/11/2003, Compliance Achieved	4/1/2003, Compliance Achieved	
Sodium	Routine Major	2003-0130	12/31/2002	4/11/2003, Compliance Achieved	4/1/2003, Compliance Achieved	
Arsenic	Routine Major	2003-0130	12/31/2002	4/11/2003, Compliance Achieved	4/1/2003, Compliance Achieved	