The United States Congress has directed the Environmental Protection Agency (EPA) to require public water systems to report annually on the quality of drinking water they provide. The City of Fort Smith Utilities supports this regulation and is providing this report to all customers in our service area.

This report is about your drinking water sources and quality; regulations that protect your health; programs that protect the high quality of our supply sources; and the treatment processes that assure our drinking water meets or surpasses all federal and state standards.

Congress passed the Safe Drinking Water Act in 1974, delegating to the U.S. Environmental Protection Agency (EPA) the authority to regulate public water systems to protect public health.

In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations established limits for contaminants in bottled water.

On October 28, 2006, the city of Fort Smith celebrated the completion of a 14-year project with the dedication of the expansion of Lake Fort Smith. This expansion was the result of raising the original Lake Fort Smith dam an additional 101 feet and combining Lake Fort Smith and Shepherd Springs Lake into a single, 1,400 acre reservoir. Raising the dam at Lake Fort Smith more than tripled the water storage capacity of the two original lakes. The new reservoir is expected to meet the region’s water supply needs through 2050.

A new water intake tower was constructed to deliver water from the deepened lake to the water treatment plant. The intake tower is 22 stories tall, making it the tallest man-made structure in this part of Arkansas. Two 48-inch raw water transmission lines connect the intake tower with the treatment plant.

In addition, citizens of the region will also enjoy a new and larger Lake Fort Smith State Park and expanded recreational opportunities on the lake itself. Campers, picnickers, hikers and others visiting the new park will see breathtaking views of the lake and surrounding hills. The recreation area is expected to open in the summer of 2007. Its entrance is off U.S. Hwy. 71 approximately 1 mile south of Artist Point.

Visit us on the Internet!
For more information regarding your drinking water, visit our web site at www.fortsmithwater.org.

This site contains additional information regarding your drinking water such as: up-to-date water quality information, water conservation status, updates on water supply projects and other utility related information.

You can also ask questions via E-mail, and there is a section for kids to help them learn more about their drinking water.

Fresh clean drinking water is yours to use whenever you need it. But not to waste. It’s too valuable. Remember that a little effort and a little common sense will make a big difference. Use Water . . . And Use it Wisely.
Fort Smith’s Water Sources

Fort Smith has two independent water sources. Our primary water source is the Frog Bayou watershed, a 74 square mile forested valley located in the Boston Mountains, 2 miles north of Mountainburg, AR. The Frog Bayou supply comes from rain (43-56” of rain per year), and stream runoff flowing down the slopes of the watershed. The water is stored in the recently expanded Lake Fort Smith (approximately 1,400 surface acres).

Fort Smith’s other water supply is the Lee Creek watershed, a 439 square mile area located in both the States of Arkansas and Oklahoma. The Lee Creek supply also comes from rain (43-56” of rain per year), and stream runoff flowing down the slopes of the watershed. The water is stored in the Lee Creek Reservoir (approximately 634 surface acres). Additionally, in a letter dated January 27, 2006 The Arkansas Department of Health and Human Services gave approval for the temporary use of the tail water below Lee Creek Dam as an alternative water source because of the low water levels in both Lee Creek Reservoir and Lake Fort Smith caused by the 2005 – 2006 droughts. Withdrawal from the tail water began on February 13, 2006 and continued through November 27, 2006.

"The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and radioactive material, and can pick up substances resulting from the presence of animals or from human activity.”

Protect Your Drinking Water . . . Protect the Source!

Have you ever thought about where your drinking water comes from, beyond the faucet? We Have! Did you know that what you do in and around your home can affect not only the quality of your water but also the quality of your neighbor’s water?

Safe drinking water is essential to a community’s quality of life and continued economic growth. Yet citizens may not always be aware of safe drinking water issues in their community and may not realize what needs to be done to protect drinking water and keep it safe for their families and businesses. Drinking water supplies across the country are being contaminated daily by common activities, such as pouring motor oil and household chemicals down drains, using too much pesticides and fertilizers, and littering streets with refuse that will eventually run off into rivers and streams. When water supplies are not safe, the health of the community — especially of the young, the old, and the sick — is jeopardized. In addition, communities may experience a loss of tax revenues from real estate and new jobs as businesses refuse to locate to or remain in communities with known or suspected water contamination problems.

Protecting drinking water sources is the first line of defense in ensuring safe drinking water. If communities are aware of their drinking water sources and of potential threats to these sources and their watersheds, they can take steps to keep the sources safe and improve their local environment. There is something everyone — from retirees to school kids to individuals in their homes — can do to help.

Why should watersheds matter to me? While folks may not always realize it, they place a high value on healthy watersheds. Without proper watershed management, communities across the nation are experiencing similar problems, including drinking water contamination, increased flooding, and a loss of natural areas.

Since the beginning of time, a safe and dependable source of water has been a major factor in where people settled. Currently, humans depend on wells, springs, reservoirs, lakes, streams and rivers for our ever-expanding need for water. Once a water source is located, we usually do not question its safety and dependability. If the drinking water looks good, tastes good and smells good, we assume it is safe to drink. Progress, however, has not left water in its natural state. In the last century, both population and business activity have exploded. Yet there is no more fresh water today than there was a million years ago. While 70 percent of the earth is covered with water, 97 percent is salt water. Of the three percent that is fresh water, approximately two thirds is frozen and unavailable for use.

The Arkansas Department of Health completed a Source Water Vulnerability Assessment for Fort Smith Waterworks (PWS ID 507) on June 15, 2000. This assessment summarizes the potential for contamination of our source(s) of drinking water and can be used as a basis for developing a source water protection plan. Based on the various criteria of the assessment, our water sources have been determined to have a low to medium susceptibility to contamination. You may request a summary of the Source Water Vulnerability Assessment from the Fort Smith Water Utility office, or accessed through the Arkansas Department of Health's website at: www.healthyarkansas.com/eng/swp.htm
Contaminants that may be present in source water include:

* Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
* Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
* Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
* Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems.
* Radioactive materials, which can be naturally occurring or be the result of oil and gas production and mining activities.

About Cryptosporidium...

Cryptosporidium parvum caused intestinal illness in thousands of people in Milwaukee, Wisconsin in 1993. This organism can be transmitted several ways, including drinking water. People may also be exposed to Cryptosporidium by person-to-person exposure (handling diapers from an infected child) or animal-to-person (such as fecal contamination from an infected pet).

Growing scientific knowledge about this organism suggests it is naturally present in bodies of water throughout the world. Surface water supplies are particularly vulnerable if they receive runoff or pollution from human or animal wastes. (Surface water supplies, such as rivers and lakes rely on water that flows across the surface of the land.)

Both the Frog Bayou and Lee Creek watersheds receive water that comes into contact with agricultural practices such as cattle farming and people living in these watersheds. Additionally, wild animals have been known to harbor Cryptosporidium.

The City of Fort Smith tests its source water for the presence of Cryptosporidium. Our monitoring indicates low levels of these organisms are occasionally detected in our source water. Current test methods do not allow us to determine if the organisms are dead or if they are capable of causing disease. Ingestion of Cryptosporidium may cause Cryptosporidiosis, an abdominal infection. Cryptosporidium must be ingested to cause disease, and it may be spread through means other than drinking water. To date there have been no known cases of Cryptosporidiosis (the disease caused by cryptosporidium) attributed to Fort Smith’s drinking water.

Terms and abbreviations used in this report

Finished water: Water leaving the treatment plant and entering the distribution system.

Unregulated contaminants: The EPA has not established a maximum contaminant level for every contaminant that might be found in drinking water. If no value is entered for the maximum contaminant level goal, the contaminant is not currently regulated or is not considered to pose a health risk.

Minimum detection limits: Many contaminants cannot be detected by current testing procedures. That can mean either there is no contaminant present, or that it is present at levels too low for modern laboratory equipment to detect.

Concentration Levels: Most measurements are reported in concentrations of milligrams (1/1000 of a gram) per liter of water (mg/L). This is the same as one part per million. If a different measurement is used, the table will note that.

Maximum Contaminant Level Goal - (mandatory language) The “Goal”, (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level - (mandatory language) The “Maximum Allowed” (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Secondary Maximum Contaminant Level (SMCL) - These are non-mandatory water quality standards established as aesthetic guidelines.

Treatment technique (TT)-(mandatory language) A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Action level (AL)-"The concentration of a contaminant which triggers a treatment or other requirement which a water system must follow."

Nephelometric Turbidity Unit (NTU)-is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Key to Water Quality Tables

AL Action Level
TT Treatment Technique
MCL Maximum Contaminant Level
MCLG Maximum Contaminant Level Goal
ppm parts per million, or milligrams per liter, (equivalent to 1 cent in $10,000 or 1 minute in 2 years)
ppb parts per billion, or micrograms per liter, (equivalent to 1 cent in $10,000,000 or 1 second in 32 years)
NTU Nephelometric Turbidity Unit
MRDL Maximum Residual Disinfectant Level
MRDLG Maximum Residual Disinfection Level Goal

The data represented in the following tables are from the monitoring period of January 1, 2006 through December 31, 2006 unless otherwise noted.
## Water Quality Data Tables

### Microbiological Contaminants

<table>
<thead>
<tr>
<th>Contaminant/(Site)</th>
<th>Violation (Y/N)</th>
<th>Level Detected</th>
<th>Unit of Measurement</th>
<th>MCLG</th>
<th>MCL</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Coliform Bacteria</td>
<td>N</td>
<td>0</td>
<td>Present</td>
<td>0</td>
<td>&gt;1 positive monthly sample</td>
<td>Naturally present in the environment</td>
</tr>
<tr>
<td>Turbidity* (Mountainburg Plant)</td>
<td>N</td>
<td>Highest yearly sample result: 0.41 Lowest monthly % of samples meeting the turbidity limit: 99.4</td>
<td>NTU</td>
<td>NA</td>
<td>&gt;0.3 NTU in &gt;5% of the samples or any 1 sample &gt; 1 NTU</td>
<td>Soil runoff</td>
</tr>
<tr>
<td>Turbidity* (Lee Creek Plant)</td>
<td>N</td>
<td>Highest yearly sample result: 0.24 Lowest monthly % of samples meeting the turbidity limit: 100.0</td>
<td>NTU</td>
<td>NA</td>
<td>&gt;0.3 NTU in &gt;5% of the samples or any 1 sample &gt; 1 NTU</td>
<td>Soil runoff</td>
</tr>
</tbody>
</table>

**Note:** * Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration systems.

### Inorganic Contaminants

<table>
<thead>
<tr>
<th>Contaminant/(Site)</th>
<th>Violation (Y/N)</th>
<th>Level Detected</th>
<th>Unit of Measurement</th>
<th>MCLG</th>
<th>MCL</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrate [as Nitrogen], (Mountainburg Plant)</td>
<td>N</td>
<td>0.48</td>
<td>ppm</td>
<td>10</td>
<td>10</td>
<td>Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits</td>
</tr>
<tr>
<td>Nitrate [as Nitrogen], (Lee Creek Plant)</td>
<td>N</td>
<td>Average: 0.19 Range: 0.19-0.19</td>
<td>ppm</td>
<td>10</td>
<td>10</td>
<td>Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits</td>
</tr>
</tbody>
</table>

### Synthetic Organic Contaminants Including Pesticides and Herbicides

<table>
<thead>
<tr>
<th>Contaminant/(Site)</th>
<th>Violation (Y/N)</th>
<th>Level Detected</th>
<th>Unit of Measurement</th>
<th>MCLG</th>
<th>MCL</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atrazine, (Lee Creek Plant)</td>
<td>N</td>
<td>Average: 0.06 Range: 0.0 - 0.23</td>
<td>ppb</td>
<td>3</td>
<td>3</td>
<td>Runoff from herbicide used on row crops.</td>
</tr>
</tbody>
</table>

### Lead and Copper Tap Monitoring

<table>
<thead>
<tr>
<th>Contaminant/(Site)</th>
<th>Number of sites over Action Level</th>
<th>90% percentile result</th>
<th>Unit of Measurement</th>
<th>Action Level</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead (Pb) (Distribution System)</td>
<td>6</td>
<td>0.029</td>
<td>ppm</td>
<td>0.015</td>
<td>Corrosion of household plumbing systems; erosion of natural deposits</td>
</tr>
<tr>
<td>Copper (Cu) (Distribution System)</td>
<td>0</td>
<td>0.20</td>
<td>ppm</td>
<td>1.3</td>
<td>Corrosion of household plumbing systems; erosion of natural deposits</td>
</tr>
</tbody>
</table>

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home’s plumbing. If you are concerned about elevated lead levels in your home’s water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person’s total lead exposure. All potential sources of lead in the household should be identified and removed, replaced or reduced.

"All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency’s Safe Drinking Water Hotline at 1-800-426-4791."
## Water Quality Data Tables

### Disinfection By-Products Precursors

The percentage of Total Organic Carbon (TOC) removal was routinely monitored in 2006, and our water system met all TOC removal requirements set by USEPA. Total Organic Carbon (TOC) has no health effects. However, Total Organic Carbon provides a medium for the formation of disinfection by-products. These by-products include trihalomethanes (THMs) and haloacetic acids (HAAs).

### Regulated Disinfectants

<table>
<thead>
<tr>
<th>Disinfectant</th>
<th>Violation Y/N</th>
<th>Level Detected</th>
<th>Unit of Measurement</th>
<th>MRDLG</th>
<th>MRDL</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorine</td>
<td>N</td>
<td>Average: 0.78 Range: 0.01-1.92</td>
<td>ppm</td>
<td>4</td>
<td>4</td>
<td>Water additive used to control microbes.</td>
</tr>
</tbody>
</table>

### By-Products of Drinking Water Disinfection

<table>
<thead>
<tr>
<th>Contaminant/(Site)</th>
<th>Violation Y/N</th>
<th>Level Detected</th>
<th>Unit of Measurement</th>
<th>MCLG</th>
<th>MCL</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAA5 [Haloacetic Acids] (Distribution system)</td>
<td>N</td>
<td>Highest running 12 month average: 28 Range: 1.6-45.2</td>
<td>ppb</td>
<td>0</td>
<td>60</td>
</tr>
<tr>
<td>TTHM [Total Trihalomethanes] (Distribution system)</td>
<td>N</td>
<td>Highest running 12 month average: 49 Range: 18.3 - 83.4</td>
<td>ppb</td>
<td>NA</td>
<td>80</td>
</tr>
</tbody>
</table>

### Unregulated Contaminants

<table>
<thead>
<tr>
<th>Contaminant/(Site)</th>
<th>Level Detected</th>
<th>Unit of Measurement</th>
<th>MCLG</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloroform (Mountainburg Plant)</td>
<td>6.55</td>
<td>ppm</td>
<td>NA</td>
<td>By-products of drinking water disinfection</td>
</tr>
<tr>
<td>Bromodichloromethane (Mountainburg Plant)</td>
<td>3.86</td>
<td>ppm</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Dibromochloromethane (Mountainburg Plant)</td>
<td>3.02</td>
<td>ppm</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Bromoform (Mountainburg Plant)</td>
<td>0.53</td>
<td>ppm</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Chloroform (Lee Creek Plant)</td>
<td>Average: 16.0 Range: 9.29-28.0</td>
<td>ppm</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Bromodichloromethane (Lee Creek Plant)</td>
<td>Average: 11.4 Range: 4.55-21.0</td>
<td>ppm</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Dibromochloromethane (Lee Creek Plant)</td>
<td>Average: 8.8 Range: 2.32-16.2</td>
<td>ppm</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Bromoform (Lee Creek Plant)</td>
<td>Average: 2.15 Range: 0 - 4.92</td>
<td>ppm</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. MCLs (Maximum Contaminant Levels) and MCLGs (Maximum Contaminant Level Goals) have not been established for all unregulated contaminants.

### Secondary Standards - Standards Recommended by U.S. EPA and ADH

<table>
<thead>
<tr>
<th>Inorganic Chemicals</th>
<th>Unit of Measurement</th>
<th>Secondary MCL</th>
<th>Level Detected in Lake Fort Smith Finished Water</th>
<th>Level Detected in Lee Creek Finished Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>ppm</td>
<td>0.05 - 0.2</td>
<td>0.016</td>
<td>0.066</td>
</tr>
<tr>
<td>Chloride</td>
<td>ppm</td>
<td>250</td>
<td>3.4</td>
<td>205</td>
</tr>
<tr>
<td>Iron</td>
<td>ppm</td>
<td>0.3</td>
<td>0.12</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Manganese</td>
<td>ppm</td>
<td>0.05</td>
<td>&lt;0.001</td>
<td>0.005</td>
</tr>
<tr>
<td>Sulfate</td>
<td>ppm</td>
<td>250</td>
<td>26.4</td>
<td>67.7</td>
</tr>
<tr>
<td>Zinc</td>
<td>ppm</td>
<td>NA</td>
<td>&lt;0.006</td>
<td>&lt;0.006</td>
</tr>
</tbody>
</table>
Important Health Information for Immuno-compromised persons.

"Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791)."

The federal Safe Drinking Water Act required that water quality standards be developed and enforced. Congress delegated enforcement of these drinking water standards to the EPA. The EPA develops rules that govern how the provisions of the Act will be carried out. The Arkansas Department of Health is the primacy agency that enforces drinking water regulations in Arkansas. In order to assure tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

### Regulations for Public Water Systems

We make every effort to assure that the water supplied by Fort Smith’s public water system complies with federal and state drinking water standards.

**Primary standards protect public health.**

Primary standards include maximum contaminant levels, maximum contaminant level goals, action levels and treatment techniques. These standards are established by the EPA to protect human health.

**Secondary standards relate to aesthetics.**

These guidelines designed to assure good aesthetic quality of water. Secondary standards apply to contaminants that affect the taste, odor or color of water, stain sinks or bathtubs, or interfere with treatment processes. Secondary contaminants are not considered to present a risk to human health at the SMCL.

**Is our water system meeting the rules that govern our operations?**

As you can see in the Water Quality tables, our system exceeded the “Lead Action Level” of 0.015 ppm at six sites in 2006. Additional analyses at these sites demonstrate our system is currently in compliance with the “Lead Action Level”. We at the Fort Smith Water Utility work around the clock to provide top quality water to every tap.

### Water Quality Data Tables

<table>
<thead>
<tr>
<th>Analytes</th>
<th>Unit of Measurement</th>
<th>Level Detected in Lake Fort Smith Finished Water</th>
<th>Level Detected in Lee Creek Finished Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkalinity (Total)</td>
<td>ppm as CaCO3</td>
<td>22</td>
<td>107</td>
</tr>
<tr>
<td>Calcium</td>
<td>ppm as CaCO3</td>
<td>15.3</td>
<td>44.4</td>
</tr>
<tr>
<td>Carbonate Hardness</td>
<td>ppm as CaCO3</td>
<td>22</td>
<td>107</td>
</tr>
<tr>
<td>Fluoride</td>
<td>ppm</td>
<td>&lt;0.2</td>
<td>0.24</td>
</tr>
<tr>
<td>Hardness (Total)</td>
<td>ppm as CaCO3</td>
<td>47</td>
<td>159</td>
</tr>
<tr>
<td>Magnesium</td>
<td>ppm</td>
<td>2.06</td>
<td>11.7</td>
</tr>
<tr>
<td>Potassium</td>
<td>ppm</td>
<td>&lt;3.0</td>
<td>4.81</td>
</tr>
<tr>
<td>Sodium</td>
<td>ppm</td>
<td>2.03</td>
<td>131</td>
</tr>
<tr>
<td>Sediment</td>
<td>ppm</td>
<td>&lt;0.5</td>
<td>&lt;0.5</td>
</tr>
</tbody>
</table>

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Fort Smith 2007 Water Conservation Program

Fort Smith has a two-phase water conservation plan. **Phase I** will begin when the water supply storage volume drops below 55,000 acre-feet. **Phase II** will begin only if the water supply storage volume drops below 36,000 acre-feet. Listed below are the things that you can and cannot do during the Phase I conservation period. Watch the newspaper for additional measures if Phase II is required.

**Concurrent Water Conservation Measures**
Lawn irrigation between the hours of 11:00 a.m. and 6:00 p.m. (when evaporation rates are the highest) is restricted. Allowing water to run off a user’s property in an uncontrolled manner is prohibited.

**What You Can Do Under Phase I Conservation Measures**
1. Water outdoors before 10:00 am or after 7:00 pm lawn, shrubs, plants, trees and gardens every other day using the even/odd address system. If your residence or business address ends with an even number, you may water outdoors on even numbered days of the month. If your address ends with an odd number, you may water outdoors on odd numbered days.
2. Fill your swimming pool, fountains and wash building exteriors every other day on the even/odd address schedule.
3. Wash motor vehicles, boats or trailers (not applicable to commercial car washes) every other day on the even/odd address schedule.

**What You Cannot Do Under Phase I Conservation Measures**
1. Water lawns, shrubs, plants, trees and gardens between 10:00 am and 7:00 pm.
2. Allow water to run down the street or onto another person’s property while lawn watering, irrigating, washing motor vehicles, boats, trailers or building exteriors.
3. Wash off hard surfaced areas such as sidewalks, walkways, driveways, patios, parking lots, tennis courts and other hard surfaced areas using water from the city’s water supply. Restaurants and food processors may use water for this purpose only to the extent necessary to maintain and preserve the public health.
4. Use water from fire hydrants or other city sources for construction purposes or fire drills.

Additional information regarding water conservation may be obtained by contacting the Fort Smith Water Utility by calling 479-784-2231.

Fort Smith 2007 Water Conservation Program

Water, Use It Wisely!

**Water Conservation tips:** Water conservation measures not only save the supply of our water source, but can also cut the cost of water treatment by saving energy. Here are some conservation measures you can take:

**At Home:**
1. Fix leaking faucets, pipes, toilets, etc.
2. Install water-saving devices
3. Wash only full loads of laundry
4. Don’t let the water run while shaving, washing, or brushing teeth
5. Run the dishwasher only when full.

**Outdoors:**
1. Water the lawn and garden as little as possible
2. Choose plants that don’t need much water
3. Repair leaks in faucets and hoses
4. Use water from a bucket to wash your car, and save the hose for rinsing.
5. Obey any and all water bans or regulations.

We want our valued customers to be informed about their water utility.

If you have any questions about this report or to learn more about your water utility, contact the Fort Smith Utility Department at 479-784-2231 or visit our web site at www.fortsmithwater.org.

You can attend meetings of the City’s Board of Directors held on the first and third Tuesday of each month (contact the City Clerk’s office at 479-784-2208 for meeting times and locations). Agendas and meeting minutes may be viewed on the city’s web site at www.fortsmithar.gov. Click on “Departments and Services” then “Board of Directors”.

If you have additional questions regarding the quality of drinking water, you can contact someone on the following list.

<table>
<thead>
<tr>
<th>Agency</th>
<th>Telephone Number</th>
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<tbody>
<tr>
<td>Environmental Protection Agency (EPA) Safe Drinking Water Hotline</td>
<td>(800) 426-4791</td>
</tr>
<tr>
<td>Arkansas Department of Health Div. of Engineering</td>
<td>(501) 661-2623</td>
</tr>
</tbody>
</table>
We're pleased to present to you this year's Annual Drinking Water Quality Report. This report is designed to inform you about the quality of the water you drink. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

Environmental Manager - Randy Easley
Superintendent of Water Operations - Steve Floyd
Director of Utilities - Steve Parke

Phone: 479-784-2231
3900 Kelley Highway - Fort Smith, AR 72904

We're pleased to present to you this year's Annual Drinking Water Quality Report.