



**Arkansas  
Department  
of Health**

**Drinking Water Program**

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# **Annual Report**

**Public Water System Supervision Program**

**Calendar Year 2010**

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## **INTRODUCTION**

### **Arkansas Land Use (2010 U. S. Census Bureau Estimate)**

Total area of Arkansas	34,036,672 acres
Total area of land	33,328,192 acres
Total area of water	708,480 acres
Total area of forest	15,950,000 acres
Total area of arable land	7,295,000 acres
Total area of wetland	820,619 acres
Total area of barren land	42,000 acres
Total area of developed land	205,340 acres

### **Characteristics of Arkansas's Water Systems**

#### **Population of Arkansas (2010 U. S. Census Bureau Estimate) 2,889,450**

Population served by community public water systems	2,703,390
Population served by community surface water systems	1,729,395
Population served by community ground water systems	880,027
Population served by community ground & surface systems	93,968
% population served by community public water systems	93.6%
% population served by individual private wells or other source	6.4%

#### **Total number of public water systems active during 2010 1111**

Number of community public water systems	711
Number of transient non-community public water systems	366
Number of non-transient non-community public water systems	34
Number of systems using surface water	384
Number of systems using ground water	699
Number of systems using ground & surface	28

Number of systems inactivated in 2010 (included in the above totals) and are now a non-public water system, are closed, or are connected to another regulated public water system.

- Community public water systems (NP) System ID (AR0000985, AR0000581) 2
- Transient non-community & Non-transient-non- community (NP) 30

Total average daily water used by public water systems (estimate MGD) 427

## **PURPOSE**

The purpose of this report is to summarize the Arkansas Public Water System violations data submitted to the Safe Drinking Water Information System (SDWIS/FED) for the calendar year 2010. The data include PWS inventory statistics, the incidence of Maximum Contaminant Level, Major Monitoring, and Treatment Technique violations, and the enforcement actions taken against violators. The report provides a total annual representation of the numbers of violations for each of the four categories listed in Section 1414(c)(3) of the Safe Drinking Water Act reauthorization. These four categories include MCLs, treatment techniques, variances and exemptions, and significant monitoring violations.

## **STATUTORY ORIGIN**

The EPA established the Public Water System Supervision (PWSS) Program under the authority of the 1974 Safe Drinking Water Act (SDWA). Under the SDWA and its 1986 and 1996 Amendments, EPA sets national limits for contaminant levels in drinking water to ensure that the water is safe for human consumption. These limits are known as Maximum Contaminant Levels (MCLs). For some regulations, EPA establishes treatment techniques in lieu of MCLs to control unacceptable levels of contaminants in water. The EPA also regulates how often public water systems (PWSs) monitor their water for contaminants and requires the monitoring results to be reported to the States or EPA. Generally, the larger the population served by a water system, the more frequent the monitoring and reporting (M/R) requirements. In addition, EPA requires PWSs to monitor for unregulated contaminants to provide data for future regulatory development. Finally, EPA requires PWSs to notify the public when they have violated these regulations. The 1996 Amendments to the SDWA require public notification to include a clear and understandable explanation of the nature of the violation, its potential adverse health effects, steps that the PWS is undertaking to correct the violation and the possibility of alternative water supplies during the violation.

The SDWA applies to the 50 States, the District of Columbia, 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 their own PWSS Programs. The authority to run a PWSS Program is called primacy. To receive primacy, States must meet certain requirements laid out in the SDWA and the regulations, including the adoption of drinking water regulations that are at least as stringent as the Federal regulations and a demonstration that they can enforce the program requirements. Of the 57 States and Territories, all but Wyoming and the District of Columbia have primacy. The EPA Regional Offices administer the PWSS Programs within these two jurisdictions.

## **ACCESSIBILITY TO PUBLIC:**

The full report will be made available on the Arkansas Department of Health – Engineering Section web site. The address is:  
[www.healthy.arkansas.gov/programsServices/environmentalHealth/Engineering/Pages/ReportsandForms.aspx](http://www.healthy.arkansas.gov/programsServices/environmentalHealth/Engineering/Pages/ReportsandForms.aspx).

1. The notice of availability will be published in the Section's quarterly newsletter. This newsletter reaches all community and non-transient non-community PWS's, consulting engineers, government agencies, nonprofit organizations and other stakeholders interested in public drinking water in the state of Arkansas.
2. A notice of the availability of the report will be provided to all local health units in Arkansas.

## **Summary of Violations**

- No violations occurred during 2010 for the contaminants and rules not shown in the violation tables.
- There were 1111 public water systems in operation during 2010. Seven hundred and eleven (711) were community water systems, thirty four (34) were non-transient, non-community water systems, and three hundred and sixty six (366) were transient non-community water systems.
- A total of three hundred and thirty (330) major violations occurred for public water systems during 2010. One hundred and eleven (111) were community water systems, three (3) were non-transient, non-community water systems, one hundred and eighty nine (189) were transient non-community water systems, and twenty seven (27) violations for systems who were active in CY2010 but are now inactive and non-public.
- A total of one hundred and thirty five (135) public water systems had Maximum Contaminant Level violations or Treatment Technique violations. One hundred and nineteen (119) were community water systems, four (4) were non-transient, non-community water systems, and eleven (11) was a transient non-community water system and one (1) system which was active in CY2010 but is now inactive and non-public..
- A total of one hundred and fifty six (156) public water systems had major monitoring violations. Thirty six (36) were community water systems, Three (3) were non-transient, non-community water systems, and one hundred and three (103) were transient non-community water systems. There were fourteen (14) violations issues to systems that are no longer active and are now NP (non-public).
- No variances or exemptions were issued to any public water system in Arkansas during the calendar year 2010.
- 97.6% of the public water systems in Arkansas did not have an organic (SOC, VOC, TTHM, HAA) MCL violation. All other organic violations were for the (TTHM, HAA) analyte groups.
- 100% of the public water systems in Arkansas did not have a nitrate MCL violation.
- 99.7% of the community public water systems in Arkansas did not exceed the radium-226/228 MCL or either of the individual MCL's.
- There were fifteen (15) inorganic chemical violations, ten (10) violations at four systems whose source contains naturally occurring Fluoride, one system with one (1) chlorite violation and one system with four (4) Arsenic MCL violations PWS ID (AR0000891).
- There were no monitoring violations for chemicals covered under Phases I, II, IIB, & V. The Arkansas Department of Health performs monitoring of these chemicals on behalf of the public water systems.

- The compliance rate for the contaminants and rules not shown on the violation tables was 100%.
- Using a time and population weighted determination of risk, based on exposure to water that either failed to meet the drinking water standards or which was of unknown quality, Arkansas community water systems achieved the following compliance rates:

	Monitoring	Quality	Overall
Compliance Percentage	99.5%	96.0%	95.5%
Person months exposure	145614	1294712	1440326
Person months possible	32442660	32442660	32442660

In this calculation, a system serving 100 persons that has one violation lasting one month produces a risk of 100 person months. The total risk possible for this system is 1200 person months (100 persons served multiplied by 12 months). In this example, the compliance rate would be  $91.6\% = (1200 - 100) / 1200$ .

## **DEVIATION FROM FEDERAL DATABASE**

The following discrepancies have been identified between the Federal database on which the national Annual Compliance Report will be based (Frozen) and the Arkansas state drinking water program database, SDWIS/STATE (State).

### **Disinfection Byproducts Rule (DBP): (Violation Code 2 – Maximum Contaminant Level)**

Database	# SYSTEMS	# VIOLATIONS
State: Total	27	64
Frozen:	28	65

Reason: One system (AR0000027) had one violation rescinded for calendar year 2010 which is not reflected in the frozen data.

### **Total Coliform Rule: (Violation Code 22 – Monthly Maximum Contaminant Level)**

Database	# SYSTEMS	# VIOLATIONS
State: Total	69	92
Frozen:	67	90

Reason: There two systems with one violation each where the violation periods overlap and are not reflected in the SDWIS/FED frozen data.

### **Total Coliform Rule: (Violation Code 23 – Major Routine Monitoring)**

Database	# SYSTEMS	# VIOLATIONS
State: Total	144	224
Frozen:	139	214

Reason: There are five systems which were inactivated in 2010 and account for ten (10) violation. These systems are now non-public and not reflected in the SDWIS/FED frozen data.

### **Total Coliform Rule: (Violation Code 25 – Major Repeat Monitoring)**

Database	# SYSTEMS	# VIOLATIONS
State: Total	10	10
Frozen:	9	9

Reason: There is one system with one violation which was inactivated in 2010 and is now non-public and not reflected in the SDWIS/FED frozen data.

### **Disinfection Byproducts Rule (DBP): (Violation Code 27 – Monitoring & Reporting)**

Database	# SYSTEMS	# VIOLATIONS
State: Total	3	5
Frozen:	3	4

Reason: There is one system (AR0000884) with two violations issued in the same quarter. SDWIS/Fed will only accept one quarterly violation per quarter.

### **Surface Water Treatment (SWTR): (Violation Code 36 – Filter Monitoring)**

Database	# SYSTEMS	# VIOLATIONS
State: Total	6	20
Frozen:	5	19

Reason: One system (ART000045) with one violation was inactivated in 2010 and is now non-public this system and violation are not reflected in EPA's frozen data.

**Surface Water Treatment (SWTR) / Ground Water Rule (GWR ):(Violation Code 41 – Treatment Technique)**

Database	# SYSTEMS	# VIOLATIONS
State: Total	7	9
Frozen:	2	2

Reason: Five (5) systems received violations for the GWR in CY2010 and are reflected in EPA's frozen data. The version of Arkansas's reporting software was created prior to this rule's existence and is not extracting or reporting these violations to EPA.

**Monitoring Lead and Copper: (Violation Code 52 – Follow up & Routine Monitoring)**

Database	# SYSTEMS	# VIOLATIONS
State: Total	50	34
Frozen:	51	35

Reason: One system PWSID# ARN000305 was returned to compliance for a third time 05/11/2010 creating a 2010 violation end date and reflected in EPA's frozen data.

**VIOLATIONS TABLES: CHEMICAL CONTAMINANTS**

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations <b>T/C/N/P</b>	Number of Systems with Violations <b>T/C/N/P</b>	Number of Violations	Number of Systems with Violations	Number of Violations <b>T/C/N/P</b>	Number of Systems With Violations <b>T/C/N/P</b>
<b>Inorganic Contaminants</b>								
Fluoride	1025	4.0	10/10/0/0	4/4/0/0			0	0
Arsenic	1005	10.0	4/4/0/0	1/1/0/0			0	0
<b>Organic Contaminants</b>								
<b>Subtotal</b>			14/14/0/0	5/5/0/0			0	0

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations <b>T/C/N/P</b>	Number of Systems with Violations <b>T/C/N/P</b>	Number of Violations <b>T/C/N/P</b>	Number of Systems with Violations <b>T/C/N/P</b>	Number of Violations <b>T/C/N/P</b>	Number of Systems With Violations <b>T/C/N/P</b>
<b>Disinfectants / Disinfection ByProducts</b>								
Stage 1 DBPR	0400				0/0/0/0	0/0/0/0		
Stage 1 DBPR	0999						8/7/1/0	6/5/1/0
Chlorite	1009						2/2/0/0	2/2/0/0
Total Haloacetic Acids (HAA5)	2456	0.060	22/22/0/0	11/11/0/0				
Total Organic Carbon	2920				0/0/0/0	0/0/0/0		
Total Trhhalomethanes (TTHM)	2950	0.08	43/39/0/4	22/18/0/4				
<b>Subtotal</b>			65/61/0/4	33/29/0/4	0/0/0/0	0/0/0/0	10/9/1/0	8/7/1/0

**T/C/N/P – Total /Community PWS / Transient Non-Community PWS / Non-Transient Non-Community PWS**

**VIOLATIONS TABLES: TOTAL COLIFORM RULE**

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations <b>T/C/N/P</b>	Number of Systems with Violations <b>T/C/N/P</b>	Number of Violations	Number of Systems with Violations	Number of Violations <b>T/C/N/P</b>	Number of Systems With Violations <b>T/C/N/P</b>
<b>Total Coliform Rule</b>								
Acute MCL violation	21	Presence	1/1/0/0	1/1/0/0				
Non-Acute MCL violation	22	Presence	92/70/15/7	69/57/9/3				
Major routine monitoring	23						224/44/179/1	144/28/115/1
Major follow up monitoring	25						10/2/8/0	10/2/8/0
Sanitary survey	28						0/0/0/0	0/0/0/0
<b>Subtotal</b>			93/71/15/7	70/58/9/3			234/46/187/1	154/30/123/1

**VIOLATIONS TABLES: SURFACE WATER TREATMENT RULE / GROUND WATER RULE**

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations	Number of Systems with Violations	Number of Violations <b>T/C/N/P</b>	Number of Systems with Violations <b>T/C/N/P</b>	Number of Violations <b>T/C/N/P</b>	Number of Systems With Violations <b>T/C/N/P</b>
<b>Surface Water Treatment Rule</b>								
<u>Filtered Systems</u>								
Monitoring, routine/repeat	36						20/1/19/0	6/1/5/0
Monitoring, routine/filter turbidity	38						9/3/6/0	4/2/2/0
Treatment techniques	41				9/8/1/0	7/6/1/0		
Failure to filter	42				8/8/0/0	1/1/0/0		
Treatment Tech > Turb 1 NTU	43				2/2/0/0	2/2/0/0		
Treatment Tech > Turb 3 NTU	44				0/0/0/0	0/0/0/0		
<b>Subtotal</b>					19/18/1/0	10/9/1/0	29/4/25/0	10/3/7/0

**VIOLATIONS TABLES: LEAD & COPPER RULE**

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations <b>T/C/N/P</b>	Number of Systems with Violations <b>T/C/N/P</b>	Number of Violations <b>T/C/N/P</b>	Number of Systems with Violations <b>T/C/N/P</b>	Number of Violations <b>T/C/N/P</b>	Number of Systems With Violations <b>T/C/N/P</b>
<b>Lead and Copper Rule</b>								
Initial lead and copper tap M/R	51						1/1/0/0	1/1/0/0
Follow-up or routine lead and copper tap M/R	52						50/47/1/2	34/31/1/2
Treatment Installation	58				2/2/0/0	2/2/0/0		
Public education	65				15/14/0/1	13/12/0/1		
<b>Subtotal</b>					17/16/0/1	15/14/0/1	51/48/1/2	35/32/1/2

**T/C/N/P – Total /Community PWS / Transient Non-Community PWS / Non-Transient Non-Community PWS**

**VIOLATIONS TABLES: RADIONUCLIDES**

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations <b>T/C/N/P</b>	Number of Systems with Violations <b>T/C/N/P</b>	Number of Violations	Number of Systems with Violations	Number of Violations <b>T/C/N/P</b>	Number of Systems With Violations <b>T/C/N/P</b>
<b>Radionuclide MCLs</b>								
Gross alpha	4000	15 Pci/l	0/0/0/0	0/0/0/0			0	0
Radium-226 and Radium-228	4010	5 pCi/l	12/12/0/0	3/3/0/0			0	0
Gross beta	4100	4 mrem/yr	0	0			0	0
<b>Subtotal</b>			12/12/0/0	3/3/0/0			0	0

**T/C/N/P – Total /Community PWS / Transient Non-Community PWS / Non-Transient Non-Community PWS**

**CONSUMER NOTIFICATION: CONSUMER CONFIDENCE REPORTS & PUBLIC NOTIFICATION**

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations <b>T/C/N/P</b>	Number of Systems with Violations <b>T/C/N/P</b>	Number of Violations	Number of Systems with Violations	Number of Violations <b>T/C/N/P</b>	Number of Systems With Violations <b>T/C/N/P</b>
<b>Consumer Confidence Report</b>	71						65/65/0/0	57/57/0/0
<b>Public Notification</b>	75						0*	0*
<b>Subtotal</b>							65/65/0/0	57/57/0/0

**T/C/N/P – Total /Community PWS / Transient Non-Community PWS / Non-Transient Non-Community PWS**

\* The Department of Health did not issue Public Notification (PN) violations during 2010.

## **DEFINITIONS FOR THE VIOLATIONS TABLES**

**Public Water System:** A Public Water System (PWS) is defined as a system that provides water via piping or other constructed conveyances for human consumption to at least 15 service connections or serves an average of at least 25 people for at least 60 days each year. There are three types of PWSs. PWSs can be community (such as towns), nontransient non-community (such as schools or factories), or transient non-community systems (such as rest stops or parks). For this report when the acronym “PWS” is used, it means systems of all types unless otherwise specified..

**Filtered Systems:** Water systems that have installed filtration treatment [40 CFR 141, Subpart H].

**Inorganic Contaminants:** Non-carbon-based compounds such as metals, nitrates, and asbestos. These contaminants are naturally-occurring in some water, but can get into water through farming, chemical manufacturing, and other human activities. EPA has established MCLs for 15 inorganic contaminants [40 CFR 141.62].

**Lead and Copper Rule:** This rule established national limits on lead and copper in drinking water [40 CFR 141.80-91]. Lead and copper corrosion pose various health risks when ingested at certain levels, and can enter drinking water from household pipes and plumbing fixtures. States report violations of the Lead and Copper Rule in the following six categories:

*Initial lead and copper tap M/R:* SDWIS Violations Code 51 indicates that a system did not meet initial lead and copper testing requirements, or failed to report the results of those tests to the State.

*Follow-up or routine lead and copper tap M/R:* SDWIS Violations code 52 indicates that a system did not meet follow-up or routine lead and copper tap testing requirements, or failed to report the results.

*Treatment installation:* SDWIS Violation Code 58 indicates a failure to install optimal corrosion control treatment system or source water treatment system which would reduce lead and copper levels in water at the tap.

*Public Education:* SDWIS Violation Code 65 shows that a system did not provide required public education about reducing or avoiding lead intake from water.

**Maximum Contaminant Level (MCL):** The highest amount of a contaminant that EPA allows in drinking water. MCLs ensure that drinking water does not pose either a short-term or long-term health risk. MCLs are defined in milligrams per liter (parts per million) unless otherwise specified.

**Monitoring:** EPA specifies which water testing methods the water systems must use, and sets schedules for the frequency of testing. A water system that does not follow EPA’s schedule or methodology is in violation [40 CFR 141]. States must report monitoring violations that are significant as determined by the EPA Administrator and in consultation with the States. For purposes of this report, significant

monitoring violations are major violations and they occur when no samples are taken or no results are reported during a compliance period.

A major monitoring violation for the surface water treatment rule occurs when at least 10% of the required samples are not taken or results are not reported during the compliance period.

**Organic Contaminants:** Carbon-based compounds, such as industrial solvents and pesticides. These contaminants generally get into water through runoff from cropland or discharge from factories. EPA has set legal limits on 54 organic contaminants that are to be reported [40 CFR 141.61].

**Radionuclides:** Radioactive particles, which can occur naturally in water or result from human activity. EPA has set legal limits on five types of radionuclides: radium-226, radium 228, gross alpha, and beta particle/photon radioactivity, and uranium [40 CFR 141]. Violations for these contaminants are to be reported using the following three categories:

*Gross alpha:* SDWIS Contaminant Code 4000 for alpha radiation above MCL of 15 picocuries/liter. Gross alpha includes radium-226 but excludes radon and uranium.

*Combined radium-226 and radium-228:* SDWIS Contaminant Code 4010 for combined radiation from these two isotopes above MCL of 5 pCi/L.

*Gross beta:* SDWIS Contaminant Code 4101 for the combination of beta particles and photon radioactivity resulting from man-made radionuclides above 4 millirem/year.

*Uranium:* SDWIS Contaminant Code 4006 for combined uranium above the MCL of 30 micrograms/liter.

**Reporting Interval:** The reporting interval for violations reported in the 201PWS Annual Compliance Report is January 1, 2010 through December 31, 2010.

**SDWIS Code:** Specific numeric codes from the Safe Drinking Water Information System (SDWIS) have been assigned to each violation type included in this report. The violations to be reported include exceeding contaminant MCLs, failure to comply with treatment requirements, and failure to meet monitoring and reporting requirements. Four-digit SDWIS Contaminant Codes have also been included in the chart for specific MCL contaminants.

**Surface Water Treatment Rule / Ground Water Rule:** The Surface Water Treatment Rule [40 CFR 141, Subpart H] and the Ground Water Rule [40 CFR 141, Subpart S] establishes criteria under which water systems supplied by surface water sources, or ground water sources under the direct influence of surface water, must filter and disinfect their water. Violations under both rules are to be reported for the following four categories:

*Monitoring, routine/repeat (for filtered systems):* SDWIS Violation Code 36 indicates a system's failure to carry out required tests, or to report the results of those tests.

*Treatment techniques (for filtered systems):* SDWIS Violations 41, 42, and 43 show a system's failure to properly treat its water.

*Monitoring, routine/repeat (for unfiltered systems):* SDWIS Violation Code 31 indicates a system's failure to carry out required water tests, or to report the results of those tests.

*Failure to filter (for unfiltered systems):* SDWIS Violation Code 42 shows a system's failure to properly treat its water.

**Total Coliform Rule (TCR):** The Total Coliform Rule establishes regulations for microbiological contaminants in drinking water. These contaminants can cause short-term health problems. If no samples are collected during the one-month compliance period, a significant monitoring violation occurs. States are to report four categories of violations:

*Acute MCL violation:* SDWIS Violation Code 21 indicates that the system found fecal coliform or E. coli, potentially harmful bacteria, in its water, thereby violating the rule.

*Non-acute MCL violation:* SDWIS Violation code 22 indicates that the system found total coliform in samples of its water at a frequency or at a level that violates the rule. For systems collecting fewer than 40 samples per month, more than one positive sample for total coliform is a violation. For systems collecting 40 or more samples per month, more than 5% of the samples positive for total coliform is a violation.

*Major routine and follow-up monitoring:* SDWIS Violation Codes 23 AND 25 show that a system did not perform any monitoring. [One number is to be reported for the sum of violations in these two categories.]

*Sanitary Survey:* SDWIS Violation Code 28 indicates a major monitoring violation if a system fails to collect 5 routine monthly samples if a sanitary survey is not performed.

**Treatment Techniques:** A water treatment process that EPA requires instead of an MCL for contaminants that laboratories cannot adequately measure. Failure to meet other operational and system requirements under the Surface Water Treatment and the Lead and Copper Rules have also been included in this category of violation for purposes of this report.

**Unfiltered Systems:** Water systems that do not need to filter their water before disinfecting it because the source is very clean [40 CFR, Subpart H].

**Violation:** A failure to meet any state or federal drinking water regulation.

## **VARIANCES AND EXEMPTIONS**

Variations and exemptions to specific requirements under the Safe Drinking Water Act Amendments of 1996 may be granted under certain circumstances. If, due to the characteristics of the raw water sources reasonably available, a PWS cannot meet the MCL, a primacy State can grant the PWS a variance from the applicable primary drinking water regulation on the condition that the system install the best available technology, treatment techniques, or other means which the Administrator finds are available (taking costs into account). The state must find that the variance will not result in an unreasonable risk to health, and shall prescribe, at the time the variance is granted, a schedule (including increments of progress) in accordance with which the PWS must come into compliance with the MCL. Small systems (serving 3,300 or fewer persons; or 10,000 or fewer persons with the Administrator's approval) may be granted variances if they cannot afford (as determined by application of the Administrator's affordability criteria) to comply with certain MCLs (non-microbial, promulgated after January 1, 1986) by means of treatment, alternative source of water, or restructuring or consolidation. Small systems must, within 3 years, install and operate EPA approved small system variance technology. The variance must ensure adequate protection of human health, and the variance shall be reviewed not less than every 5 years to determine whether the system remains eligible for the variance. A primacy State may by exemption relieve a PWS of its obligation to comply with an MCL, treatment technique, or both if the system's noncompliance results from compelling factors (which may include economic factors, the system was in operation on the effective date of the MCL or treatment technique requirement) or if not in operation by that date, only if no reasonable alternative source of drinking water is available to such new systems, management or restructuring changes cannot reasonably be made that will result in compliance with the SDWA or improvement of water quality, and the exemption will not result in an unreasonable risk to public health. The State will require the PWS to comply with the MCL or treatment technique as expeditiously as practicable, but not later than 3 years after the otherwise applicable compliance date. No variances or exemptions were issued to any public water system in Arkansas during the calendar year 2010.

## **ENFORCEMENT DEFINITIONS**

The Arkansas Department of Health has developed a multi stage enforcement escalation scheme which pair's technical assistance with multiple opportunities to return to compliance. The ADHHS utilizes methods such as sanitary surveys and operator assistance to prevent water quality problems from occurring. Enforcement is with the attitude of protecting the public health with any and all tools available to achieve compliance.

**Phase 1:** A very informal means of enforcement. With every Safe Drinking Water Act (SDWA) violation, a Notice of violation is issued explaining what the system failed to do, in anticipation of correcting the problem. If necessary, a site visit may be required to assist the water system into achieving compliance.

**Phase 2:** When an Acute violation or several other violations occur and meet our escalation policy we issue a **Warning of Administrative Order** (WAO). This is our 1st formal enforcement action & last chance for voluntary compliance. This letter formally warns the operator that if an additional violation occurs an Administrative Order will be issued to correct the deficiencies.

**Phase 3:** If the system has an additional violation within the 12 months following the WAO, an **Administrative Order** (AO) is issued, requiring the system to correct all deficiencies and comply fully with the SDWA.

**Phase 4:** If the AO is not complied with a **Proposed Penalty** (PP) is calculated based on the population, severity, correct ability and frequency of the violations. It is then issued to the system and a hearing date is scheduled for a Subcommittee of the Arkansas State Board of Health.

**Phase 5:** Once the proposed penalty is issued the water system operator can either go to the hearing before the subcommittee of the Board of Health or enter into a Consent Order settling the penalty [**Penalty Suspended** (PS) or **Penalty Assessed** (PA)].

## **SUMMARY OF ENFORCEMENT ACTIONS**

Following is a summary of the enforcement actions taken in 2010.

### **Community Public Water Systems**

State Formal Notification of Violation (SFJ).....	19
Administrative Orders Issued (SFL).....	9
Proposed Penalties Issued (SFN).....	0
Penalties Suspended – Board of Health (SFO).....	0
Penalties Assessed – Bilateral Compliance Agreements (SFK).....	0
Penalties Assessed – Board of Health (SFM).....	0
Total Enforcement Actions for CWSs.....	28

### **Non-Transient Non-Community Systems**

State Formal Notification of Violation (SFJ).....	1
Administrative Orders Issued (SFL).....	0
Proposed Penalties Issued (SFN).....	0
Penalties Suspended – Board of Health (SFO).....	0
Penalties Assessed – Bilateral Compliance Agreements (SFK).....	0
Penalties Assessed – Board of Health (SFM).....	0
Total Enforcement Actions for NTNCs.....	1

### **Transient Non-Community Systems**

State Formal Notification of Violation (SFJ).....	5
Administrative Orders Issued (SFL) .....	2
Proposed Penalties Issued (SFN).....	0
Penalties Suspended – Board of Health (SFO).....	0
Penalties Assessed – Bilateral Compliance Agreements (SFK).....	0
Penalties Assessed – Board of Health (SFM).....	0
Total Enforcement Actions for TNCs.....	7

## COMPLIANCE ASSISTANCE EFFORTS

### Capacity Development Program

Under the Capacity Development Program, the Engineering Section has established two contracts with third party technical assistance providers for small systems (<10,000 population) technical assistance. The main purpose of the contracts is to help small public water systems develop the ability to achieve and maintain compliance with applicable national primary and secondary drinking water regulations. Helping the water system attain a state of self-sufficiency is the primary goal.

Community Resource Group, Inc. was the contractor for both the Financial and Managerial Contract as well as the Technical and Operational Contract in 2010.

Contractors go on-site to the water systems and conduct assessments addressing various technical, financial, and managerial aspects of the systems. Next, a strategy is developed by the contractor with the water system to address areas where the system has deficiencies in their capacity. On-site and telephone verifications are later conducted by the contractors to monitor how well the systems are implementing the strategy. For the calendar year 2010, as part of the Technical and Operational Contract, CRG conducted twenty-three (23) assessments, developed twenty-three (23) strategies, provided over 280 on-site technical assistance hours of training, and participated in three (3) CPEs. For the calendar year 2010, as part of the Financial and Managerial Contract, CRG conducted twenty-three (23) assessments, twenty-three (23) strategies, provided over 1018 technical assistance hours of training, and participated in three (3) CPEs.

As part of the Section's initiatives to promote and improve the asset sustainability of small public water systems, the Section contracted with Magnolia River Services, Inc [MRS] to assist high priority small public water systems to assess and improve their infrastructure by physically locating and mapping the primary water system assets with GPS equipment and then importing the field-collected data onto the utility's computer. MRS then installed a GIS platform onto the utility's computer and trained the staff on the use of the software and how to view and print maps. In 2010, MRS completed 29 assessment reports, collected GPS data at 29 water systems, and installed and trained 29 water systems on the use of the GIS software.

## **Sanitary Surveys**

Sanitary Surveys conducted by technical staff can consist of reporting deficiencies in the construction or design of a public water system or the operation of the public water system. Sanitary Surveys combined with monitoring and reporting, to complement each other, can be indispensable for assuring the long-term quality and safety of drinking water. In calendar year 2010, there were approximately three hundred and sixty seven (367) sanitary surveys performed. Two hundred and thirty three (233) Sanitary Surveys were performed on the state's community water systems, one hundred and twenty three (123) Sanitary Surveys were performed on transient non-community water systems and eleven (11) on non-transient non-community water systems. Thirty (30) of these systems two (2) Community, twenty seven (27) Transient and one (1) Non-Transient-Non-Community became inactive in 2010 and are now on a non-public status. During the sanitary surveys of community and non-transient non-community water systems, owners are notified of "significant deficiencies". A list of significant deficiencies was developed by ADHHS staff in compliance with the sanitary survey requirements of the Interim Enhanced Surface Water Treatment Rule and in preparation for the proposed Ground Water Rule. Significant deficiencies are obvious shortcomings that could directly affect water quality and require immediate attention by the owner. Under ADHHS protocol developed, owners are notified verbally of the deficiency during the survey and again notified by letter following the survey. Surface water systems are given 45 days following the written notification to respond with a plan of action and a timetable to address the significant deficiency. Groundwater systems are given 30 days following written notification to confer with the State and 120 days to be in compliance with an approved corrective action plan.

## **Industry Education**

The Engineering Section has continued its efforts in educating and informing members of the water industry as well as the general public with its web site and its quarterly newsletter. From the website, water operators can obtain information about various Section programs; download copies of state regulations, policies, compliance documents and operations reports; determine the result of microbiological analyses, the status of the review of construction plans; and obtain information or guidance about numerous other areas of the drinking water program

The Section's quarterly newsletter, Arkansas Drinking Water Update, has a distribution of 3800, and a copy is mailed to every water system or licensed water operator as well as all city mayors within the state. Each issue of the newsletter contains information of relevance to the water industry including articles on proposed and final state and federal regulations as well as guidance for implementing the regulations, capacity development, source water protection, water system security, cross connection control, operator training, water licensing, water treatment, area wide optimization, noncompliant systems, fluoridation, and other areas.

Additionally, the Engineering Section has participated in past years and continued in 2010 in sponsoring technical tracks at the annual conferences for both the Arkansas Water Works and Water Environment Association and the Arkansas Rural Water Association. At the AWW&WEA conference, the Engineering Section sponsored two

technical tracks with a total of 18 separate sessions on issues including regulations and regulatory compliance, treatment and distribution technical matters, and treatability studies. At the ARWA conference, the Engineering section sponsored one technical track with a total 8 separate sessions on similar topics.

### **Source Water Assessment Plan**

The Source Water Assessment program, required by the Safe Drinking Water Act Amendments of 1996, was developed by the Department of Health, and submitted to and approved by the Environmental Protection Agency during calendar year 1999. SWAP reports were produced for each public water system to serve as a management tool for implementing source protection activities. Initially, the Source Water Assessment Program accurately located all sources of drinking water utilized by public water systems, delineated “assessment areas” around each source, and mapped potential contaminants within the delineated areas for approximately one thousand five hundred (1500) drinking water sources in Arkansas in 2003.

Since 2003 the collection of data needed for updating the source water assessments has been ongoing. The software used to complete source water assessments is no longer being supported by the vendor. Therefore, in 2010 plans were made to replace the software and reprogram the assessment model to be compatible with the new software. It is anticipated that replacement and reprogramming will be completed during 2011.

During 2010 a total of eleven (11) Phase I Delineation Wellhead Protection (WHP) reports covering thirteen (13) wells and eleven (11) Phase II Potential Sources of Contamination (PSOC) Inventory WHP reports covering forty-six (46) wells were completed. The Arkansas Rural Water Association (ARWA) source protection staff assisted in conducting six (6) of the “PSOC Inventories”. In addition the ARWA source water protection staff completed three (3) source water protection plans covering three (3) separate surface water sources. This data will be incorporated into the source water assessment program databases for use in the next source water assessment.

The source water protection program staff continued to maintain the existing source water assessment GIS database, provided source water protection presentations and informational booths regarding source water protection on fifteen (15) occasions, disseminated twenty-six (26) source water assessment reports to public water suppliers, performed twelve (12) public water supply well recommendations, and processed 1535 miscellaneous environmental permit reviews. Additional activities include screening and responding to requestors for SWAP GIS data, performing proximity analysis, and reviewing and commenting on various construction and environmental related projects that have the potential to impact public water supply sources in the state.

## **Microbial / Disinfection Byproduct Rules Programs**

The Arkansas Department of Health has been providing early implementation activities for the LT2ESWTR, Stage 2 DBPR and GWR. Compliance assistance efforts for the calendar year 2010 in these areas include the following.

Long Term 2 Enhanced Surface Water Treatment Rule: As part of early implementation strategies for small systems, the first round of source monitoring for *Cryptosporidium* and *E. coli* was completed for the majority of small systems in calendar year 2009. However, makeup monitoring for 4 systems were conducted in the first quarter of 2010. Three (3) new systems also began initial *E. coli* monitoring. Historically, a total of 37 sources have exceeded the trigger levels for *E. coli* under the LT2 Rule and were required to monitor for *Cryptosporidium*, which continued during 2010. Analyses of samples were outsourced to Biovir Laboratories for *Cryptosporidium*, and *E. coli* samples were analyzed in-house by the Arkansas Public Health Laboratory. Grading for monitoring and reporting requirements was conducted on a monthly basis for each of these small system sources. There were no violations issued for repeated failure to conduct source monitoring for *Cryptosporidium* or *E. coli* for small systems. Source water monitoring data will be used to categorize the source water *Cryptosporidium* concentration into one of four "bin" classifications based on the average concentration of the pathogen in the source water. The vast majority of the small systems, thirty-four (34) or 92%, will remain classified in the lowest treatment bin (Bin 1). A total of twenty-three (23) or 62% of all systems have tested positive for *Cryptosporidium* in their untreated source water. To date, seven systems have triggered a Bin 2 classification, which will require additional treatment. Four (4) are large systems and three (3) are small systems.

Stage 2 Disinfectants and Disinfection By Products Rule: As part of early implementation strategies for all community and non-transient non-community water systems, Total Trihalomethane and Halo Acetic Acid 5 monitoring plans were submitted and approved for all community water systems. A policy for extension request submittal, review, and approval was developed. Three (3) systems submitted a request for an extension during the calendar year 2010. No extension approvals issued during the calendar year.

Ground Water Rule: The Arkansas Department of Health began implementation of the GWR in December 2009. During the calendar year 2010, twenty-one (21) systems conducted Compliance Monitoring (i.e. monitoring to determine compliance with 4-log virus treatment). Grading for monitoring and reporting requirements was conducted on a monthly basis for each of these system sources. Six (6) systems were issued one or more violation for failure to maintain CT. A total of eleven (11) CT violations were issued. There were no violations issued for failure to conduct compliance monitoring. TCR sampling data was reviewed daily for 602 ground water systems with a total of 1120 ground water well sources during the 2010 calendar year. From this subset of systems approximately 497 routine distributions system samples tested total coliform positive and triggered source water monitoring. A total of seven (7) system sources tested *E. coli* positive and required additional raw water *E. coli*. Four (4) system sources had confirmed *E. coli* positive samples as a result of triggered monitoring and were placed under Corrective Action Plans. One of these systems abandoned its

source while the balance installed or are in the process of installing 4-log virus treatment. Two (2) systems were issued one or more violation for failure to meet State designated interim measures. A total of seven (7) violations were issued for failure to meet State designated interim measures. A total of 271 groundwater consecutive systems were tracked monthly to assure their special GWR compliance criteria.

### **Area Wide Optimization Program**

The Arkansas Department of Health has been participating in the EPA Region 6 Area Wide Optimization Program (AWOP) with the States of Oklahoma, Louisiana, Texas, and Iowa, EPA Region 6 staff, EPA Technical Support Center Staff, and staff from Process Applications, Inc., an EPA contractor. During Calendar year 2010, staff members attended the AWOP quarterly meetings and shared information and program implementation with other states. Turbidity data from monthly operation reports was entered into an Access database for performance tracking and to determine prioritization of efforts. As discussed below, staff also conducted 3 Comprehensive Performance Evaluations and provided plant specific technical assistance.

### **Comprehensive Performance Evaluations**

A total of three (3) CPE's were conducted during calendar year 2010. A Comprehensive Performance Evaluation (CPE) is an evaluation of a surface water plant to determine whether the drinking water facility is operating at its optimum capacity and is maintaining compliance with applicable drinking water regulations. The CPE is a systematic procedure that identifies the unique combination of factors, in the areas of design, operation, maintenance and administration that would limit the performance of the water system. It was developed to improve performance by using existing facilities thereby minimizing construction alternatives. The CPE is focused on improving performance of surface water systems by optimizing the use of existing facilities, and, if possible, avoiding construction of new facilities. The ADH has established a goal of conducting four (4) to six (6) CPE's per calendar year. In calendar year 2010, only three CPE's were conducted at the Searcy, Little River County, and North Garland County water systems due to staff vacancies.

### **Technical Assistance & Training**

Technical assistance and training provided by the Engineering staff occurs in many different areas and in many different forms. Among the more common areas in which technical assistance and training were provided are the following:

- Comprehensive Performance Evaluations and follow-ups.
- Comprehensive Technical Assistance
- Jar tests and jar test calibrations
- Disinfection profiles
- Chlorine control studies
- Filter studies & filter backwash procedure studies
  - Process control sampling and evaluations
  - Field testing of total Trihalomethanes
  - Bench scale testing of treatment plant modifications

- Distribution system evaluations and modeling to lessen water age and improve water quality.
- Storage tank evaluations and modeling to lessen water age and improve water quality.
- Tracer studies
- Collection of special samples for inorganic and organic analyses
- Evaluation, testing and recommendations on treatment modifications to improve water quality in areas such as disinfection by-products reduction, coagulants, filters, filter backwash, total organic carbon removal, color removal, disinfectants, oxidants, and iron and manganese removal.
- Evaluation, testing, and recommendations on the employment of alternate water sources due to drought conditions.
- Evaluation, testing, and recommendations on the development of new sources of water.
- Training of water operators in basic system operation, and onsite water quality monitoring including turbidity, pH, chlorine and, chlorine dioxide.
  - Input and recommendations on long range and master planning
  - Cross connection control program implementation, surveys, and incident investigations.

Among the water systems for which disinfection profiles were conducted and their disinfection benchmark established are Conway Water System, Central Arkansas Water, Hot Springs, Fort Smith, City Corporation, Searcy, Conway County RWD, Benton, Arkadelphia, Mountain Home, Community, Siloam Springs, Hot Springs Village, Hope, and Heber Springs.

Among the water systems receiving other technical assistance related to disinfection byproducts were Camden, North Garland County RWD, Magnolia, Greenwood, Highfill, Wooster, Marianna, Casa, Beaverfork, Mountain Home, Pocahontas, Clinton, Benton County Water Authority 5, Sevier County, Glenwood, Waldron, Norman, Mulberry, Hot Springs Village, Lakeside, City Corporation, Subiaco Academy, Mayflower, Hartford, McNeil Rural, James Fork Regional, Charleston, Montgomery County Regional PWA.

Area Wide Optimization Program related activities, discussed elsewhere in this report, include Comprehensive Performance Evaluations, Comprehensive Technical Assistance, Performance Based Training, and quarterly and annual AWOP meetings. Systems involved in AWOP activities: Alma, Harrison, North Garland County RWD, Little River County RDA, Searcy, Booneville, Magazine, Blue Mountain, Mt. Magazine State Park, Ratcliff, Branch, South Logan County, Milltown-Washburn, Montgomery County Regional PWA, Mount Ida, Oden-Pencil Bluff.

Additionally, for the past several summers, the Engineering Section has employed one or more summer interns to check calibration of monitoring equipment, specifically turbidity and chlorine, at water systems throughout the state. During 2010, summer interns checked the calibration of 390 turbidimeters, 88 pH meters, and 129 chlorine analyzers at 40 surface water treatment plants. Only 63% of the turbidimeters, 58% of the pH meters, and 84% of the chlorine analyzers were found to be in calibration although these percentages are an improvement over the results of similar work in 2009.

## **Comprehensive Technical Assistance**

The Engineering Section has been involved in a Comprehensive Training Project with the Alma water system and with EPA's Technical Support Center for over 6 years. During 2010, the focus of the work conducted continued to be on the distribution system and storage tanks. The work examined fluctuations and variations in DBP and chlorine levels in the system and specific storage tanks, and included the installation and evaluation of equipment (mixers) or temporary treatment (shock chlorination) to try and mitigate those fluctuations.

The Engineering Section also continued in 2010 its Comprehensive Technical Assistance with the City of Booneville - a regional supplier of water, the consecutive systems that Booneville supplies wholesale water, and several other neighboring systems. The CTA for these systems was to assist in the control of disinfection by-products for which the majority of the systems had been out of compliance. At the end of 2010 only 2 of the 11 participating systems were still out of compliance for disinfection by-products.

## **Cross-Connection Control Program**

Approximately three-fourths of the community water systems report that they have a Cross Connection Control Program (CCCP) and approximately half of the community water systems report that they have a 100% complete CCCP. Each year some systems let their cross-connection control program lapse because of operator turnover or from general lack of effort. The cross connection control program was impacted by ADH Engineering Section staff turnover during 2010 and the cross-connection control engineer position was vacant for several months.

The position for the cross-connection control engineer was eventually filled and that person made thirty two (32) cross-connection program surveys at water utilities. Of these utilities, nine (9) systems had no program and ten (10) systems have a 100% complete program. Data from the site visits indicates that community water systems have on average a 57% complete cross connection control program. Six (6) visits were made to waterworks district meetings and conferences to provide CCCP presentations and training. The cross-connection control engineer is active in the American Backflow Prevention Association and the Backflow Prevention Association of Arkansas of which he is a member of the board of directors.

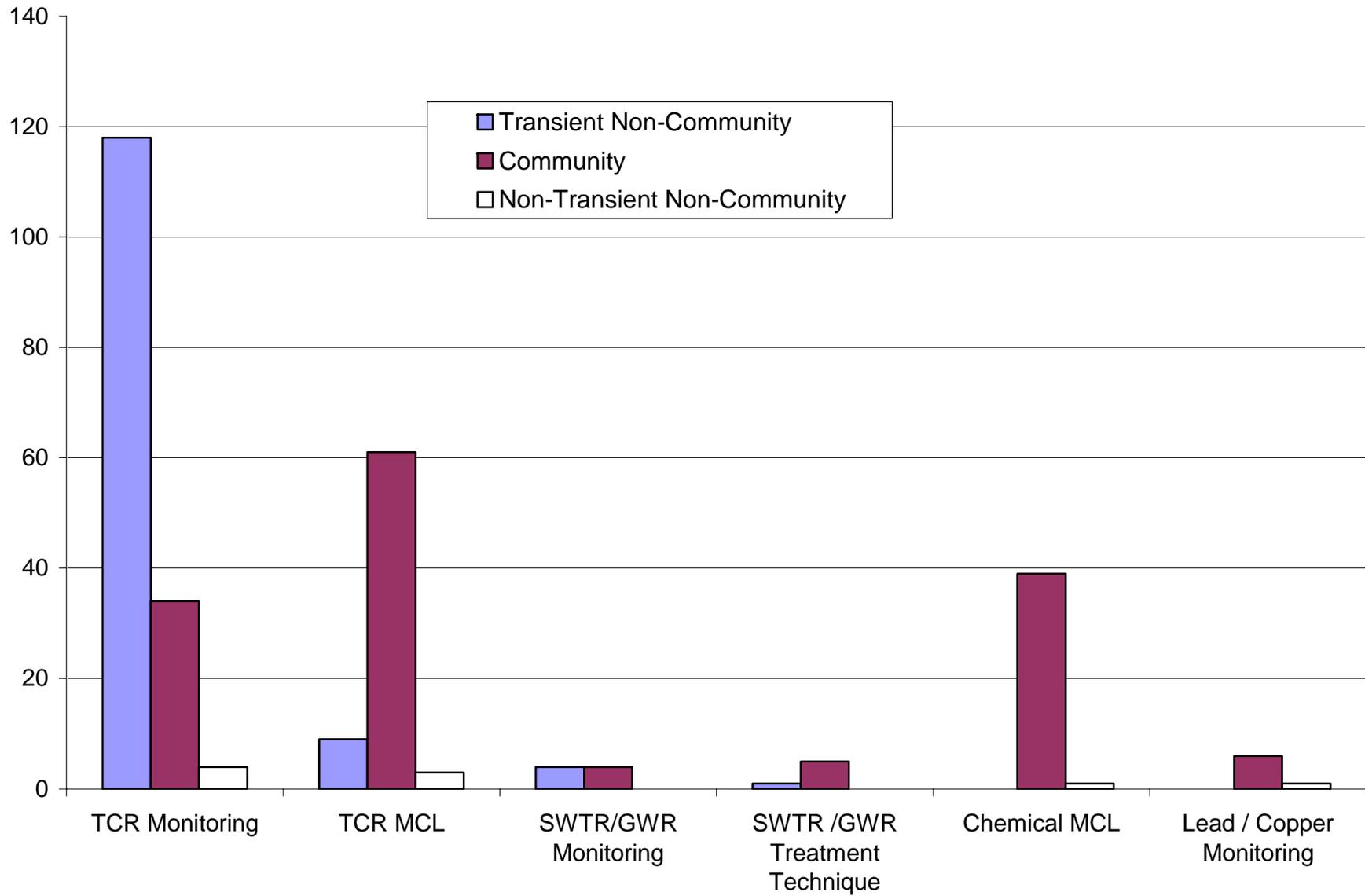
## **Water Operator Licensing and Training**

The purpose of licensing and training water operators is to ensure that all public water systems in the State of Arkansas are maintained by personnel who have shown their competence and knowledge of the public health and scientific principles necessary to produce and deliver adequate quantities of water which meets or exceeds the National Primary and Secondary Drinking Water Standards.

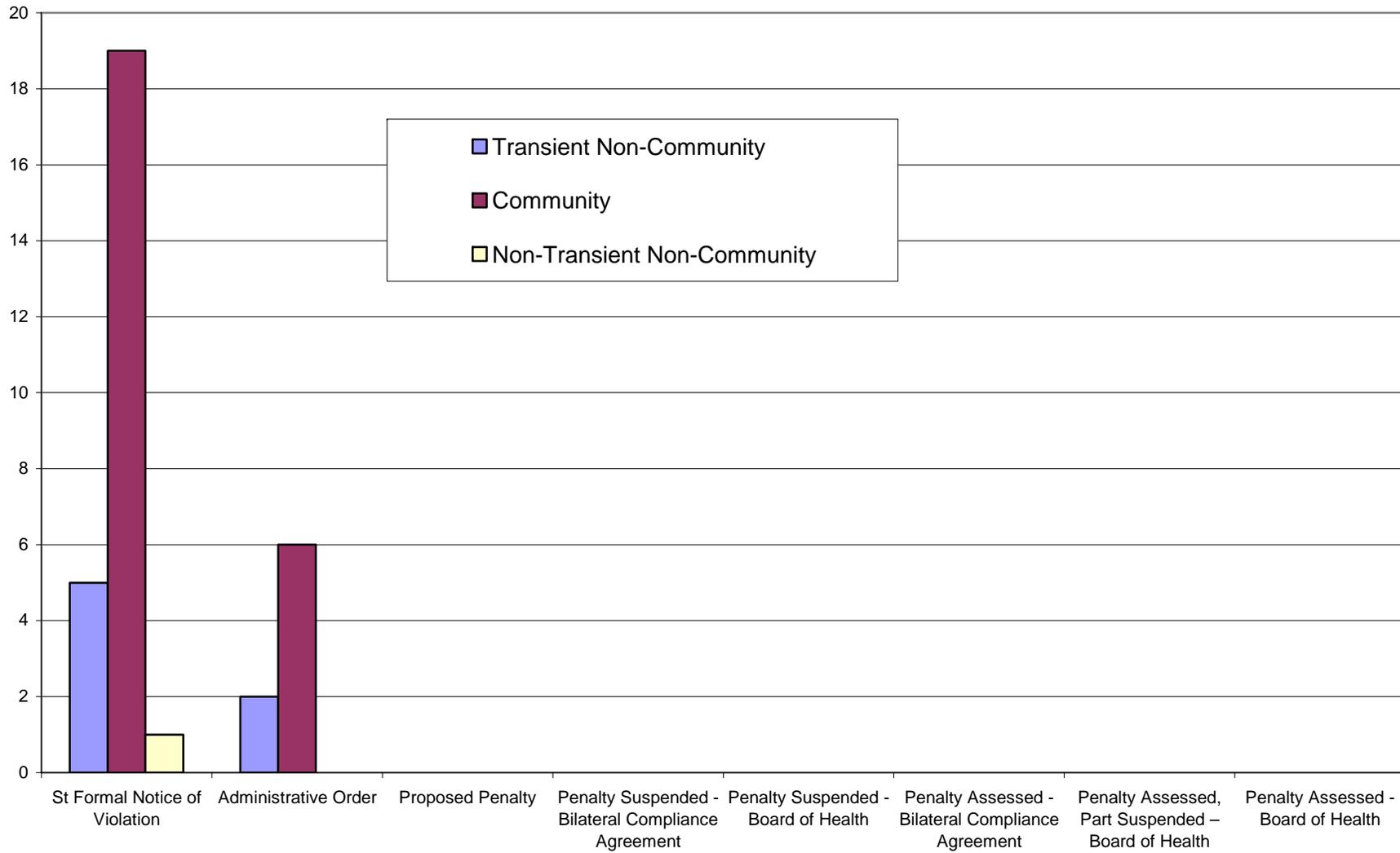
In order to sit for a water operator license exam, specific curriculum based courses must be attended. The courses range from 8 to 24 hours in length with a total of 40 hours required for the lowest license grades and 96 hours for the highest license grades. The approved course providers for the treatment, distribution, and math courses are the Arkansas Environmental Training Academy and the Arkansas Rural Water Association. The Arkansas Environmental Training Academy provided 47 classroom based courses in 2010, 34 were Operator Certification Grant (OpCert Grant) – a federally funded grant. In addition they conducted 13 internet based training courses. The Arkansas Rural Water Association provided 42 courses in 2010, 23 were Op-Cert Grant funded. The Engineering Section is the only approved provider of the required public water system regulations and Safe Drinking Water Act compliance course. The Compliance course was provided 17 times in 2010. A total of 119 mandatory training sessions were offered by the three approved training organizations in calendar year 2010. In addition to the above courses, approved general and specialized training is provided at: the annual conference and monthly meetings of the Arkansas Water Works and Water Environment Association and its nine (9) regional districts; the annual conference and specialty workshops of the Arkansas Rural Water Association; specialty workshops of the Arkansas Environmental Academy; and a large array of other relevant training is offered to water operators by various other industry groups and private vendors. Most of this training is approved for license renewal credit to assist licensed operator in meeting their continuing education requirement.

In calendar year 2010, approximately 383 water operator license exams were administered, 267 water operator licenses were issued, and 85 Operator-In-Training (OIT) certificates were issued. An OIT is issued to operators who do not meet the experience requirement at the time their license exam was passed. Upon completion of their experience requirement the license is issued. The water licensing program had 2267 active licensed water operators at the end of calendar year 2011. They held 3386 treatment, distribution, and/or very small system licenses.

## Violations By Type Of System Graph



**Enforcement Actions By Type Of System Graph**



**APPENDICES**

**APPENDICES**

*Appendix A - Microbiological Acute Maximum Contaminant Level Violations*

**PWS type:** C

<b>PWS ID</b>	<b>System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
884	HOSANNA HEIGHTS WATER	21	4/1/2010	79

*Wednesday, June 01, 2011*

*Appendix A*

**Appendix B - Microbiological Maximum Contaminant Level Violations**

**PWS type: C**

<b>PWS ID2 System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
303 ALICIA WATER SYSTEM	22	7/1/2010	175
144 ALMA WATERWORKS	22	11/1/2010	6628
271 ALTHEIMER WATERWORKS	22	8/1/2010	1000
622 BATTS-LAPILE WATER ASSOCIATION	22	9/1/2010	603
039 BELLA VISTA P.O.A.	22	9/1/2010	25398
913 BENTON COUNTY WATER AUTHORITY5	22	10/1/2010	1505
384 BRINKLEY WATERWORKS	22	6/1/2010	4485
486 BRYANT WATERWORKS	22	7/1/2010	14635
295 BUCKNER WATERWORKS	22	5/1/2010	333
338 CABOT WATERWORKS	22	3/1/2010	19621
338 CABOT WATERWORKS	22	12/1/2010	19621
532 CALDWELL WATER	22	7/1/2010	1280
325 CARBON CITY WATER	22	10/1/2010	150
669 COMPTON WATERWORKS	22	1/1/2010	811
748 CRABAPPLE POINT WATER SYSTEM	22	9/1/2010	10
458 EAST PRAIRIE CNTY PUBLIC WATER AUTHORITY	22	10/1/2010	699
046 FIFTY SIX WATERWORKS	22	5/1/2010	626
323 FOREMAN WATERWORKS	22	4/1/2010	1382
357 GARLAND WATERWORKS	22	10/1/2010	352
154 GILMORE WATERWORKS	22	6/1/2010	292
317 GRADY WATERWORKS	22	7/1/2010	416
062 HARRISON WATERWORKS	22	8/1/2010	15820
151 Horseshoe Lake Utilities	22	9/1/2010	680
010 HUMPHREY WATERWORKS	22	9/1/2010	807
765 HWY 4 24 WATER ASSOCIATION	22	4/1/2010	2673
765 HWY 4 24 WATER ASSOCIATION	22	6/1/2010	2673
774 INDEPENDENCE JACKSON REGIONAL	22	3/1/2010	2825
276 JEFFERSON-SAMPLES-DEXTER WATER	22	8/1/2010	2642
640 JOHNSON TOWNSHIP WATER ASSOC	22	11/1/2010	830
640 JOHNSON TOWNSHIP WATER ASSOC	22	12/1/2010	830
140 KIBLER WATER SYSTEM	22	7/1/2010	1812
099 KNOBEL WATERWORKS	22	6/1/2010	315
277 LADD WATER ASSOCIATION	22	7/1/2010	2393

**Wednesday, June 01, 2011**

**Appendix B**

## **Appendix B - Microbiological Maximum Contaminant Level Violations**

031	LAKE BULL SHOALS ESTATES WATER	22	5/1/2010	54
031	LAKE BULL SHOALS ESTATES WATER	22	7/1/2010	54
288	LAMAR WATERWORKS	22	6/1/2010	1815
246	MAGNESS WATER ASSOCIATION	22	7/1/2010	420
246	MAGNESS WATER ASSOCIATION	22	8/1/2010	420
378	MANILA WATERWORKS	22	9/1/2010	3348
382	MARIE WATER SYSTEM	22	1/1/2010	131
382	MARIE WATER SYSTEM	22	10/1/2010	131
382	MARIE WATER SYSTEM	22	11/1/2010	131
463	MAUMELLE WATER MANAGEMENT	22	8/1/2010	16700
153	MIDWAY WATER ASSOCIATION	22	8/1/2010	2600
020	MONTROSE WATERWORKS	22	7/1/2010	462
020	MONTROSE WATERWORKS	22	8/1/2010	462
025	MOUNTAIN HOME WATERWORKS	22	7/1/2010	15833
542	MOUNTAIN VIEW WATERWORKS	22	10/1/2010	7063
856	NAIL-SWAIN WATER ASSOCIATION	22	3/1/2010	617
557	NEW LONDON WATER ASSOCIATION	22	9/1/2010	833
801	OAK GROVE WATER	22	2/1/2010	457
201	OZARK WATERWORKS	22	9/1/2010	3718
412	PERRY WATER SYSTEM	22	11/1/2010	658
413	PERRYVILLE WATERWORKS	22	9/1/2010	2112
413	PERRYVILLE WATERWORKS	22	9/1/2010	2112
573	PRAIRIE GROVE WATERWORKS	22	8/1/2010	4715
573	PRAIRIE GROVE WATERWORKS	22	11/1/2010	4715
477	RAVENDEN SPRINGS WATERWORKS	22	11/1/2010	141
182	SELMA WATER ASSOCIATION	22	9/1/2010	1062
851	SOUTH LOGAN COUNTY WATER	22	8/1/2010	1495
851	SOUTH LOGAN COUNTY WATER	22	10/1/2010	1495
978	SOUTH PIKE CO. WATER	22	1/1/2010	150
978	SOUTH PIKE CO. WATER	22	3/1/2010	150
094	ST FRANCIS WATER SYSTEM	22	10/1/2010	252
318	STAR CITY WATER COMPANY	22	8/1/2010	2635
095	SUCCESS WATERWORKS	22	8/1/2010	266
186	TILLAR WATERWORKS	22	8/1/2010	357
618	TOLLETTE WATER	22	10/1/2010	339

*Wednesday, June 01, 2011*

**Appendix B**

## **Appendix B - Microbiological Maximum Contaminant Level Violations**

116	WALKER WATER ASSOCIATION	22	8/1/2010	1210
116	WALKER WATER ASSOCIATION	22	9/1/2010	1210
370	WILSON WATER SYSTEM	22	1/1/2010	1122
370	WILSON WATER SYSTEM	22	10/1/2010	1122
188	WINCHESTER WATERWORKS	22	11/1/2010	448
319	YORKTOWN WATER ASSOCIATION	22	6/1/2010	8169
319	YORKTOWN WATER ASSOCIATION	22	9/1/2010	8169

**PWS type:** N

<b>PWS ID2 System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
T0024 ALPEN DORF MOTEL	22	9/1/2010	50
T1002 BAR NONE COWBOY CHURCH	22	3/1/2010	125
T1045 GIRL SCOUT CAMP KARLTON KEMP	22	6/1/2010	25
T0247 JC'S PLACE	22	5/1/2010	25
T0247 JC'S PLACE	22	6/1/2010	25
T0247 JC'S PLACE	22	8/1/2010	25
T0247 JC'S PLACE	22	9/1/2010	25
1092 OZARK MEDIEVAL FORTRESS	22	7/1/2010	100
1092 OZARK MEDIEVAL FORTRESS	22	8/1/2010	100
1015 Ozark mountain Gallery	22	4/1/2010	25
T1038 RED BUD VALLEY RESORT	22	6/1/2010	25
T0469 RIVERVIEW MOTEL	22	5/1/2010	25
T0469 RIVERVIEW MOTEL	22	9/1/2010	25
T0469 RIVERVIEW MOTEL	22	10/1/2010	25
T1109 SUGAR CREEK LODGE	22	9/1/2010	25

**PWS type:** P

<b>PWS ID2 System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
N0106 Great Lakes Chemical West	22	7/1/2010	25
N0106 Great Lakes Chemical West	22	8/1/2010	25
T1065 GREENWICH CENTER	22	8/1/2010	30
T1065 GREENWICH CENTER	22	9/1/2010	30
T1065 GREENWICH CENTER	22	11/1/2010	30
T1065 GREENWICH CENTER	22	12/1/2010	30
N0065 UMPIRE HIGH SCHOOL	22	6/1/2010	140

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**Appendix B**

## Appendix C - Microbiological Monitoring - No Valid Samples

PWS type: C

<i>PWS ID2</i>	<i>System Name</i>	<i>SDWIS Code</i>	<i>Violation Date</i>	<i>Retail population</i>
303	ALICIA WATER SYSTEM	23	7/1/2010	175
303	ALICIA WATER SYSTEM	23	12/1/2010	175
622	BATTS-LAPILE WATER ASSOCIATION	23	10/1/2010	603
731	BIGGERS BLUFF DEVELOPMENT	23	10/1/2010	214
223	BRECKENRIDGE UNION WATER ASSOC	23	12/1/2010	1404
596	COTTON PLANT WATERWORKS	23	2/1/2010	1181
596	COTTON PLANT WATERWORKS	23	3/1/2010	1181
596	COTTON PLANT WATERWORKS	23	4/1/2010	1181
596	COTTON PLANT WATERWORKS	23	5/1/2010	1181
596	COTTON PLANT WATERWORKS	23	7/1/2010	1181
596	COTTON PLANT WATERWORKS	23	8/1/2010	1181
367	DELL WATERWORKS	23	2/1/2010	1236
367	DELL WATERWORKS	23	11/1/2010	1236
199	DENNING WATERWORKS	23	5/1/2010	763
199	DENNING WATERWORKS	23	7/1/2010	763
199	DENNING WATERWORKS	23	12/1/2010	763
586	FOUR MILE HILL WATER ASSOC	23	5/1/2010	4100
636	FRENCHPORT WATER ASSOCIATION	23	1/1/2010	1783
T1101	GRASSY KNOB SUBORDINATE SD	23	11/1/2010	25
097	GREENWAY WATERWORKS	23	1/1/2010	463
078	HOLIDAY ISLAND WATERWORKS	23	1/1/2010	3480
884	HOSANNA HEIGHTS WATER	23	5/1/2010	79
884	HOSANNA HEIGHTS WATER	23	8/1/2010	79
344	HUMNOKE WATERWORKS	23	2/1/2010	331
344	HUMNOKE WATERWORKS	23	5/1/2010	331
765	HWY 4 24 WATER ASSOCIATION	23	2/1/2010	2673
869	KINGWOOD MHP	23	1/1/2010	64
122	LAKE CITY WATERWORKS	23	1/1/2010	2136
780	LAKE LUCERNE ESTATES	23	1/1/2010	55
1091	LEATHERWOOD VIEW ESTATES	23	4/1/2010	40
1091	LEATHERWOOD VIEW ESTATES	23	5/1/2010	40
042	MOCKINGBIRD HILL WATER ASSOC	23	3/1/2010	693
176	MOUNTAIN PINE WATERWORKS	23	12/1/2010	828
856	NAIL-SWAIN WATER ASSOCIATION	23	3/1/2010	617
557	NEW LONDON WATER ASSOCIATION	23	10/1/2010	833
554	NORPHLET WATERWORKS	23	1/1/2010	1188

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Appendix C

## Appendix C - Microbiological Monitoring - No Valid Samples

064	OMAHA WATERWORKS	23	1/1/2010	1133
818	PIKE CITY WATER ASSN	23	7/1/2010	321
121	PLUMERVILLE WATERWORKS	23	9/1/2010	1008
836	ST FRANCIS RIVER REG WATER DD	23	1/1/2010	2482
836	ST FRANCIS RIVER REG WATER DD	23	10/1/2010	2482
347	ST PAUL WATERWORKS	23	7/1/2010	178
137	VANDERVOORT WATERWORKS	23	12/1/2010	695
806	WIEDERKEHR VILLAGE WATER DEPT	23	5/1/2010	70
806	WIEDERKEHR VILLAGE WATER DEPT	23	7/1/2010	70
806	WIEDERKEHR VILLAGE WATER DEPT	23	12/1/2010	70
642	WINTHROP WATER ASSOCIATION	23	7/1/2010	425
356	YELLVILLE WATERWORKS	23	5/1/2010	2322

**PWS type:** N

<b>PWS ID2</b>	<b>System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
T0323	101 Great American Diner	23	1/1/2010	32
T0323	101 Great American Diner	23	2/1/2010	32
T0323	101 Great American Diner	23	3/1/2010	32
T0323	101 Great American Diner	23	4/1/2010	32
T0323	101 Great American Diner	23	6/1/2010	32
T0323	101 Great American Diner	23	7/1/2010	32
1089	101 GROCERY	23	7/1/2010	25
1089	101 GROCERY	23	8/1/2010	25
1089	101 GROCERY	23	12/1/2010	25
T1054	62 Food Mart	23	1/1/2010	25
T1054	62 Food Mart	23	4/1/2010	25
T1054	62 Food Mart	23	10/1/2010	25
T0171	ANGLERS GRILL	23	11/1/2010	50
1107	ARK S/P BEECH POINT CAMPGROUND	23	11/1/2010	25
T0061	BARN CAFÉ	23	3/1/2010	25
T0068	BAYOU RESORT	23	1/1/2010	25
T0068	BAYOU RESORT	23	4/1/2010	25
T0068	BAYOU RESORT	23	7/1/2010	25
T1086	BEAR CREEK COUNTRY STORE	23	7/1/2010	50
1001	Blue Heron Campground	23	10/1/2010	25
T1083	BRADY MOUNTAIN RESORT & MARINA	23	1/1/2010	1000
988	Brentwood Rest Area WVM	23	11/1/2010	30
T0091	BROOKHILL RANCH	23	7/1/2010	250
T0998	BULLFROG MARINA	23	10/1/2010	25

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**Appendix C**

## **Appendix C - Microbiological Monitoring - No Valid Samples**

T0102	BYRD'S CANOE RENTAL	23	7/1/2010	25
T0102	BYRD'S CANOE RENTAL	23	8/1/2010	25
T0133	CASTAWAYS RESORT CAFE	23	9/1/2010	25
T1003	CEDAR FALLS MOTEL	23	5/1/2010	25
T1003	CEDAR FALLS MOTEL	23	6/1/2010	25
T1003	CEDAR FALLS MOTEL	23	10/1/2010	25
931	CEDAR RIDGE COUNTRY CUPBOARD	23	3/1/2010	25
938	CHRISTIAN LIFE CHURCH OF NW AR	23	3/1/2010	50
938	CHRISTIAN LIFE CHURCH OF NW AR	23	11/1/2010	50
T1103	CLOUD 9 RV PARK	23	7/1/2010	25
N0186	CULLIGAN WATER CONDITIONING	23	1/1/2010	30
T1081	E Z MART 721	23	10/1/2010	30
T1076	ECHO CANYON RESORT & MARINA	23	2/1/2010	100
T0216	FISH BOWL RESTAURANT	23	1/1/2010	100
T1080	FLASH MARKET	23	1/1/2010	250
T1080	FLASH MARKET	23	3/1/2010	250
T1080	FLASH MARKET	23	4/1/2010	250
T0563	FREEDOM RV PARK	23	1/1/2010	25
T0563	FREEDOM RV PARK	23	5/1/2010	25
T0563	FREEDOM RV PARK	23	8/1/2010	25
T0932	GASKINS CABIN STEAKHOUSE RESTAURANT	23	5/1/2010	75
T0932	GASKINS CABIN STEAKHOUSE RESTAURANT	23	12/1/2010	75
972	GENERAL WATER CONDITIONING	23	3/1/2010	30
972	GENERAL WATER CONDITIONING	23	5/1/2010	30
972	GENERAL WATER CONDITIONING	23	7/1/2010	30
972	GENERAL WATER CONDITIONING	23	12/1/2010	30
926	GIFT-TIQUES	23	3/1/2010	25
1074	GLACIER 28828 TXAR	23	5/1/2010	30
1074	GLACIER 28828 TXAR	23	9/1/2010	30
1079	GLACIER 42175 HARRISON	23	1/1/2010	30
1079	GLACIER 42175 HARRISON	23	2/1/2010	30
1079	GLACIER 42175 HARRISON	23	10/1/2010	30
1084	GLACIER MERC101 SPRINGDALE	23	2/1/2010	30
1083	GLACIER REHK 1420 PRESCOTT	23	8/1/2010	30
1083	GLACIER REHK 1420 PRESCOTT	23	11/1/2010	30
1082	GLACIER REHK300 MURFREESBORO	23	8/1/2010	30
1051	GLACIER SAVE A LOT40SS	23	2/1/2010	30
1051	GLACIER SAVE A LOT40SS	23	5/1/2010	30
1085	GLACIER SMERC 1900 SPRINGDALE	23	2/1/2010	30

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**Appendix C**

## **Appendix C - Microbiological Monitoring - No Valid Samples**

1085	GLACIER SMERC 1900 SPRINGDALE	23	5/1/2010	30
N0239	GLACIER WATER ALB TEXARK 4318	23	5/1/2010	30
N0245	GLACIER WATER BG CAMDEN 2239	23	8/1/2010	30
N0245	GLACIER WATER BG CAMDEN 2239	23	11/1/2010	30
N0243	GLACIER WATER BG MAGNOLIA 2371	23	8/1/2010	30
N0243	GLACIER WATER BG MAGNOLIA 2371	23	11/1/2010	30
T0611	H K THATCHER LOCK AND DAM	23	6/1/2010	25
981	HARVEST CHURCH	23	12/1/2010	25
T0269	HAYSTACK CAFE	23	12/1/2010	25
T0244	HOLLER BACK GROCERY & FEED	23	7/1/2010	25
T0381	J & P FLASH MARKET #105	23	1/1/2010	500
T0908	K & S Grocery	23	6/1/2010	25
T0313	LAKE NORFORK INN	23	6/1/2010	25
910	LAKE NORFORK QUICK STOP	23	1/1/2010	25
T0326	LESTER FLATT MEMORIAL PARK	23	8/1/2010	25
T1090	LOST BRIDGE MARINA	23	1/1/2010	30
T1090	LOST BRIDGE MARINA	23	7/1/2010	30
T0922	MEDALLION FOODS	23	4/1/2010	100
T0870	MILLWOOD COUNTRY CLUB	23	10/1/2010	125
957	NORFORK MARINA	23	4/1/2010	0
T0391	OARK GEN STORE	23	4/1/2010	50
T1079	ON TARGET FAMILY SPORTS CENTER	23	1/1/2010	30
T1079	ON TARGET FAMILY SPORTS CENTER	23	4/1/2010	30
T1079	ON TARGET FAMILY SPORTS CENTER	23	11/1/2010	30
971	OZARK HIGHLANDS STORE	23	2/1/2010	25
971	OZARK HIGHLANDS STORE	23	3/1/2010	25
1092	OZARK MEDIEVAL FORTRESS	23	10/1/2010	100
1092	OZARK MEDIEVAL FORTRESS	23	12/1/2010	100
T0413	PARKS SENIOR CENTER	23	4/1/2010	43
T0413	PARKS SENIOR CENTER	23	10/1/2010	43
T0414	PARKWAY TRAVEL PARK	23	4/1/2010	30
1018	Parthenon Church of God	23	1/1/2010	25
N0139	PRIMO REFILL LLC BENTON WAL-MART 85	23	1/1/2010	30
N0145	PRIMO REFILL LLC CONWAY WAL-MART005	23	11/1/2010	30
1029	PRIMO REFILL LLC Harp's Ft Smith	23	6/1/2010	30
1029	PRIMO REFILL LLC Harp's Ft Smith	23	12/1/2010	30
N0140	PRIMO REFILL LLC MENA WAL-MART 0067	23	4/1/2010	30
N0155	PRIMO REFILL LLC SILOAM SPGS PC 356	23	5/1/2010	30
965	PRIMO REFILL LLC WMS0058 RUSSELLVILLE	23	4/1/2010	30

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**Appendix C**

**Appendix C - Microbiological Monitoring - No Valid Samples**

1028	PRIMO REFILL LLC WMSC 4460 NLR	23	4/1/2010	30
1028	PRIMO REFILL LLC WMSC 4460 NLR	23	5/1/2010	30
1049	PRIMO REFILL LLC WMSC0007 SHERWOOD	23	4/1/2010	30
1049	PRIMO REFILL LLC WMSC0007 SHERWOOD	23	12/1/2010	30
909	PRIMO REFILL LLC WMSC0033 NASHVILLE	23	12/1/2010	30
N0233	PRIMO REFILL LLC WMSC0066 CLARKSVILL	23	3/1/2010	30
921	PRIMO REFILL LLC WMSC0279 DEQUEEN	23	3/1/2010	30
963	PRIMO REFILL LLC WMSC0296 DARDANELLE	23	4/1/2010	30
930	PRIMO REFILL LLC WMSC0380 WALDRON	23	4/1/2010	30
1017	PRIMO REFILL LLC WMSC0388 Fort Smith	23	2/1/2010	30
983	PRIMO REFILL LLC WMSC2587 Cabot	23	12/1/2010	30
1106	PRIMO REFILL LLC WMSC2743 SHERWOOD	23	12/1/2010	30
N0240	PRIMO REFILL LLC WMSC3231 GREENWOOD	23	2/1/2010	30
N0240	PRIMO REFILL LLC WMSC3231 GREENWOOD	23	4/1/2010	30
929	PRIMO REFILL LLC WMSC5244 L R	23	1/1/2010	30
929	PRIMO REFILL LLC WMSC5244 L R	23	5/1/2010	30
934	PRIMO REFILL LLC WMSC5433 HSV	23	11/1/2010	30
N0200	PRIMO REFILL LLC CONWAY WALMART 2575	23	11/1/2010	30
N0154	PRIMO REFILL LLC EL DORADO WAL-M530	23	1/1/2010	30
N0153	PRIMO REFILL LLC FORREST CITY WAL-91	23	12/1/2010	30
N0158	PRIMO REFILL LLC HARRISON WAL-MAR2	23	4/1/2010	30
N0176	PRIMO REFILL LLC HEBER SPRING WAL281	23	12/1/2010	30
N0216	PRIMO REFILL LLC HOT SPRINGS WAL-MA52	23	11/1/2010	30
N0198	PRIMO REFILL LLC JACKSONVILLE WALM24	23	12/1/2010	30
N0160	PRIMO REFILL LLC JONESBORO WAL-M145	23	9/1/2010	30
N0161	PRIMO REFILL LLC PARAGOULD WAL-MAR36	23	9/1/2010	30
N0164	PRIMO REFILL LLC POCAHONTAS WAL-M71	23	2/1/2010	30
N0148	PRIMO REFILL LLC RUSSELLVILLE HARPS	23	1/1/2010	30
N0148	PRIMO REFILL LLC RUSSELLVILLE HARPS	23	4/1/2010	30
N0151	PRIMO REFILL LLC W MEMPHIS WAL-MA70	23	12/1/2010	30
N0219	PRIMO REFILL LLC WMSC0119 BATESVILLE	23	12/1/2010	30
N0224	PRIMO REFILL LLC WMSC0261 HOT SPRING	23	11/1/2010	30
N0220	PRIMO REFILL LLC WMSC0788 CLINTON	23	1/1/2010	30
N0220	PRIMO REFILL LLC WMSC0788 CLINTON	23	12/1/2010	30
N0221	PRIMO REFILL LLC WMSC1065 HOPE	23	1/1/2010	30
N0221	PRIMO REFILL LLC WMSC1065 HOPE	23	3/1/2010	30
N0222	PRIMO REFILL LLC WMSC3230 BRYANT	23	3/1/2010	30
N0222	PRIMO REFILL LLC WMSC3230 BRYANT	23	5/1/2010	30
936	RIVERSIDE RETREAT	23	6/1/2010	25

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**Appendix C**

## **Appendix C - Microbiological Monitoring - No Valid Samples**

T0468	RIVERVIEW COUNTRY STORE	23	1/1/2010	30
T0470	ROADRUNNER INN	23	10/1/2010	25
T0472	ROCKING CHAIR RANCH	23	7/1/2010	30
T1071	SHADY GROVE STORE	23	8/1/2010	30
T1071	SHADY GROVE STORE	23	12/1/2010	30
T1094	SHIRLEY'S OUTBACK	23	4/1/2010	25
T0516	SPRUELL-BECKHAM RESTAURANT	23	4/1/2010	50
T0516	SPRUELL-BECKHAM RESTAURANT	23	12/1/2010	50
T1064	STATUE ROAD INN	23	7/1/2010	30
T0524	SUNRISE POINT RESORT	23	4/1/2010	76
945	SUPERLIFT ORV PARK	23	1/1/2010	50
945	SUPERLIFT ORV PARK	23	2/1/2010	50
945	SUPERLIFT ORV PARK	23	7/1/2010	50
1087	SUZANNA'S FARM TO MARKET	23	3/1/2010	25
1087	SUZANNA'S FARM TO MARKET	23	4/1/2010	25
1087	SUZANNA'S FARM TO MARKET	23	6/1/2010	25
T0829	THE INN AT LOST BRIDGE	23	3/1/2010	25
T0208	THE LAKEHOUSE	23	2/1/2010	30
T0208	THE LAKEHOUSE	23	3/1/2010	30
T0208	THE LAKEHOUSE	23	5/1/2010	30
T0208	THE LAKEHOUSE	23	7/1/2010	30
T0208	THE LAKEHOUSE	23	11/1/2010	30
T0208	THE LAKEHOUSE	23	12/1/2010	30
T1108	THE ROADHOUSE	23	9/1/2010	25
T0855	THE WILD GOOSE STORE LLC	23	1/1/2010	50
T0855	THE WILD GOOSE STORE LLC	23	4/1/2010	50
T0855	THE WILD GOOSE STORE LLC	23	7/1/2010	50
T0629	USCOE DKW3 BLUE RIDGE	23	6/1/2010	25
T1053	USCOE NF HOWARD COVE	23	5/1/2010	100
T1053	USCOE NF HOWARD COVE	23	6/1/2010	100
T1053	USCOE NF HOWARD COVE	23	7/1/2010	100
T1053	USCOE NF HOWARD COVE	23	9/1/2010	100
T0816	USFS SOUTH FOURCHE REC AREA	23	12/1/2010	25
T0832	WAGON WHEEL RESTAURANT	23	11/1/2010	150
949	WEST SHORE RESTAURANT	23	1/1/2010	150
T0852	WHITE RIVER CAMPGROUND	23	3/1/2010	250
T0852	WHITE RIVER CAMPGROUND	23	5/1/2010	250
T0852	WHITE RIVER CAMPGROUND	23	8/1/2010	250

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**Appendix C**

## **Appendix C - Microbiological Monitoring - No Valid Samples**

**PWS type:** P

<b>PWS ID2</b>	<b>System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
1073	GENERAL DYNAMICS PLANT #1	23	1/1/2010	250
N0134	NSC INTERNATIONAL	23	3/1/2010	38
N0047	OAK RIDGE CENTRAL SCHOOL	23	5/1/2010	250
N0088	THE GREAT PASSION PLAY	23	1/1/2010	50

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**Appendix C**

**Appendix D - Microbiological Monitoring - No resamples of Positive Samples**

**PWS type:** C

<b>PWS ID2 System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
884 HOSANNA HEIGHTS WATER	25	3/1/2010	79
225 MARMADUKE WATERWORKS	25	12/1/2010	934

**PWS type:** N

<b>PWS ID2 System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
1089 101 GROCERY	25	9/1/2010	25
T0484 101 TRADING POST	25	9/1/2010	25
T0133 CASTAWAYS RESORT CAFE	25	1/1/2010	25
T0932 GASKINS CABIN STEAKHOUSE RESTAURANT	25	11/1/2010	75
1084 GLACIER MERC101 SPRINGDALE	25	4/1/2010	30
T0381 J & P FLASH MARKET #105	25	3/1/2010	500
1086 POWER OF FREEDOM MINISTRIES	25	11/1/2010	25
N0156 PRIMO REFILL LLCBENTONVILLE WAL-100	25	1/1/2010	30

## Appendix E - Surface Water Treatment Rule Monitoring

**PWS type:** C

<b>PWS ID2 System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
567 ELKINS WATERWORKS	36	12/1/2010	2480
108 KINGSLAND WATERWORKS	36	1/1/2010	645
985 RED BUD MOBILE HOME PARK	36	1/1/2010	42
094 ST FRANCIS WATER SYSTEM	36	5/1/2010	252

**PWS type:** N

<b>PWS ID2 System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
T0045 ARK ST PARK-QUEEN WILHELMENA	36	2/1/2010	200
N0094 MOUNTAIN PURE LLC	36	2/1/2010	30
N0094 MOUNTAIN PURE LLC	36	3/1/2010	30
N0094 MOUNTAIN PURE LLC	36	3/1/2010	30
N0094 MOUNTAIN PURE LLC	36	5/1/2010	30
N0094 MOUNTAIN PURE LLC	36	6/1/2010	30
N0094 MOUNTAIN PURE LLC	36	10/1/2010	30
N0094 MOUNTAIN PURE LLC	36	12/1/2010	30
N0094 MOUNTAIN PURE LLC	36	12/1/2010	30
1018 Parthenon Church of God	36	1/1/2010	25
1018 Parthenon Church of God	36	2/1/2010	25
1018 Parthenon Church of God	36	3/1/2010	25
1018 Parthenon Church of God	36	4/1/2010	25
1018 Parthenon Church of God	36	5/1/2010	25
1018 Parthenon Church of God	36	11/1/2010	25
T0852 WHITE RIVER CAMPGROUND	36	1/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	1/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	2/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	3/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	3/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	4/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	4/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	6/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	8/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	8/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	10/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	10/1/2010	250
T0852 WHITE RIVER CAMPGROUND	36	11/1/2010	250

## **Appendix F - Surface Water Treatment Rule Treatment Technique Violations**

**PWS type:** C

<b>PWS ID2 System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
670 DEER WATER ASSOCIATION	41	5/1/2010	837
164 FORDYCE WATER CO	41	1/1/2010	4748
738 GRAND PRAIRIE REGIONAL WATER	41	1/1/2010	13050
474 POCAHONTAS WATERWORKS	41	9/1/2010	6798
013 STUTTGART WATERWORKS	41	1/1/2010	9745
013 STUTTGART WATERWORKS	41	2/1/2010	9745
013 STUTTGART WATERWORKS	41	3/1/2010	9745
174 WATSON WATERWORKS	41	9/1/2010	321
163 WYNNE WATERWORKS	41	10/1/2010	8837

**PWS type:** N

<b>PWS ID2 System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
T1076 ECHO CANYON RESORT & MARINA	41	6/1/2010	100
T0214 FERNDAL GROCERY	41	10/1/2010	25

## Appendix G - Chemical Maximum Contaminant Level Violation

PWS type: C

PWS ID	System Name	SDWIS Code	Violation Definition	Violation Date	Retail population
144	ALMA WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	6628
144	ALMA WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	1/1/2010	6628
144	ALMA WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	6628
144	ALMA WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	7/1/2010	6628
844	BEAVERFORK VOLUNTEER FD WSD	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	1/1/2010	2667
844	BEAVERFORK VOLUNTEER FD WSD	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	4/1/2010	2667
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	7/1/2010	363
660	CASA WATER DEPT	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	1200
564	CLINTON WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	1/1/2010	5445
564	CLINTON WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	4/1/2010	5445
190	DAMASCUS WATER WORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	1850
190	DAMASCUS WATER WORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	4/1/2010	1850
423	DELIGHT WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	1390
768	EAST NEWTON COUNTY WATER ASSN	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	10/1/2010	1738

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**Appendix G - Chemical Maximum Contaminant Level Violation**

191	GREENBRIER WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	1/1/2010	6971
191	GREENBRIER WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	4/1/2010	6971
191	GREENBRIER WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	7/1/2010	6971
504	GREENWOOD WATERWORKS	1009	Maximum Contaminant Level Violation for <b>Chlorite</b>	1/1/2010	7943
192	GUY WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	4/1/2010	1840
192	GUY WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	7/1/2010	1840
822	LAKESIDE WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	1833
822	LAKESIDE WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	1833
027	LAKEVIEW-MIDWAY PUBLIC WATER AUTHORITY	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	3564
787	LITTLE RIVER CO RDA	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	1/1/2010	4279
787	LITTLE RIVER CO RDA	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	4279
787	LITTLE RIVER CO RDA	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	4279
787	LITTLE RIVER CO RDA	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	4/1/2010	4279
787	LITTLE RIVER CO RDA	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	7/1/2010	4279
787	LITTLE RIVER CO RDA	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	7/1/2010	4279

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## Appendix G - Chemical Maximum Contaminant Level Violation

787	LITTLE RIVER CO RDA	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	10/1/2010	4279
237	MALVERN WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	8958
237	MALVERN WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	8958
237	MALVERN WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	7/1/2010	8958
193	MAYFLOWER WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	7315
193	MAYFLOWER WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	7315
193	MAYFLOWER WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	7/1/2010	7315
705	MC NEIL RURAL WATER ASSOC	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	918
773	MILLTOWN-WASHBURN WATER USERS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	3548
773	MILLTOWN-WASHBURN WATER USERS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	3548
042	MOCKINGBIRD HILL WATER ASSOC	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	10/1/2010	693
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	0
951	MONTGOMERY CO REGIONAL PWA	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	7/1/2010	0
681	MORNING STAR WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	1/1/2010	1260
681	MORNING STAR WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	4/1/2010	1260

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**Appendix G - Chemical Maximum Contaminant Level Violation**

681	MORNING STAR WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	7/1/2010	1260
681	MORNING STAR WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	10/1/2010	1260
668	MOUNT OLIVE WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	7/1/2010	5430
867	N GARLAND CO REG WATER DIST	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	6415
604	OLA WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	1182
883	PARON-OWENSVILLE WATER AUTH	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	1825
818	PIKE CITY WATER ASSN	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	321
818	PIKE CITY WATER ASSN	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	321
605	PLAINVIEW WATER DEPARTMENT	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	4/1/2010	1063
605	PLAINVIEW WATER DEPARTMENT	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	7/1/2010	1063
758	SDM WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	1/1/2010	373
758	SDM WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	4/1/2010	373
758	SDM WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	7/1/2010	373
758	SDM WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for <b>Fluoride</b>	10/1/2010	373
978	SOUTH PIKE CO. WATER	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	150

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## Appendix G - Chemical Maximum Contaminant Level Violation

334	SUBIACO ACADEMY WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	250
334	SUBIACO ACADEMY WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	1/1/2010	250
334	SUBIACO ACADEMY WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	250
334	SUBIACO ACADEMY WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	4/1/2010	250
334	SUBIACO ACADEMY WATERWORKS	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	7/1/2010	250
334	SUBIACO ACADEMY WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	7/1/2010	250
334	SUBIACO ACADEMY WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	10/1/2010	250
891	TALL OAKS MHP	1005	Maximum Contaminant Level Violation for <b>Arsenic</b>	1/1/2010	37
891	TALL OAKS MHP	1005	Maximum Contaminant Level Violation for <b>Arsenic</b>	4/1/2010	37
891	TALL OAKS MHP	1005	Maximum Contaminant Level Violation for <b>Arsenic</b>	7/1/2010	37
891	TALL OAKS MHP	1005	Maximum Contaminant Level Violation for <b>Arsenic</b>	10/1/2010	37
727	VAN BUREN COUNTY W U A	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	4/1/2010	3088
727	VAN BUREN COUNTY W U A	2456	Maximum Contaminant Level Violation for <b>Total Haloacetic Acids (HAA5)</b>	7/1/2010	3088
498	WALDRON WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	4235
498	WALDRON WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	4235

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**Appendix G - Chemical Maximum Contaminant Level Violation**

498	WALDRON WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	7/1/2010	4235
498	WALDRON WATERWORKS	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	10/1/2010	4235

**PWS type:** P

<b>PWS ID</b>	<b>System Name</b>	<b>SDWIS Code</b>	<b>Violation Definition</b>	<b>Violation Date</b>	<b>Retail population</b>
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	1/1/2010	128
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	4/1/2010	128
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	7/1/2010	128
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for <b>TTHM</b>	10/1/2010	128

## **Appendix H - Radium Maximum Contaminant Level Violation**

**PWS type:** C

<b>PWS ID2</b>	<b>System Name</b>	<b>SDWIS Code</b>	<b>Violation Date</b>	<b>Retail population</b>
680	MT SHERMAN WATER ASSOCIATION	4010	1/1/2010	769
680	MT SHERMAN WATER ASSOCIATION	4010	4/1/2010	769
680	MT SHERMAN WATER ASSOCIATION	4010	7/1/2010	769
680	MT SHERMAN WATER ASSOCIATION	4010	10/1/2010	769
758	SDM WATER ASSOCIATION	4010	1/1/2010	373
758	SDM WATER ASSOCIATION	4010	4/1/2010	373
758	SDM WATER ASSOCIATION	4010	7/1/2010	373
758	SDM WATER ASSOCIATION	4010	10/1/2010	373
815	SOUTH MOUNTAIN WATER ASSN	4010	1/1/2010	739
815	SOUTH MOUNTAIN WATER ASSN	4010	4/1/2010	739
815	SOUTH MOUNTAIN WATER ASSN	4010	7/1/2010	739
815	SOUTH MOUNTAIN WATER ASSN	4010	10/1/2010	739

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**Appendix H**

## **Appendix I - Lead & Copper Rule Monitoring & Treatment Technique Violations**

**PWS type: C**

<b>PWS ID</b>	<b>System Name</b>	<b>SDWIS Code</b>	<b>Violation Definition</b>	<b>Violation Date</b>	<b>Retail population</b>
417	BIRDSONG WHITTON WATER ASSOC	52	Follow-up and Routine Tap Sampling	6/1/2010	483
148	CLARKEDALE-JERICOHO WATER ASSOC	52	Follow-up and Routine Tap Sampling	1/1/2010	1020
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2010	463
344	HUMNOKE WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2010	331
806	WIEDERKEHR VILLAGE WATER DEPT	52	Follow-up and Routine Tap Sampling	1/1/2010	70

**PWS type: P**

<b>PWS ID</b>	<b>System Name</b>	<b>SDWIS Code</b>	<b>Violation Definition</b>	<b>Violation Date</b>	<b>Retail population</b>
N0241	HUTCHINSON REALTY	52	Follow-up and Routine Tap Sampling	1/1/2010	55

**Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
<b>PWS type: PWS type: C</b>		
811	ACORN RURAL WATER ASSN	1743
315	ADC - CUMMINS UNIT MAINT	3800
282	ADC - TUCKER UNIT MAINT	1500
796	ADC EAST ARKANSAS REGIONAL	1669
006	ALMYRA WATERWORKS	364
058	ALPENA WATERWORKS	530
764	ALPINE WATER ASSOCIATION	713
197	ALTUS WATERWORKS	1778
424	ANTOINE WATERWORKS	378
085	ARKADELPHIA WATERWORKS	16000
167	ARKANSAS CITY WATERWORKS	609
485	ARKANSAS HEALTH CENTER	1600
667	ARSENAL WATER SYSTEM	2577
527	ASH FLAT WATER COMPANY	1097
320	ASHDOWN WATERWORKS	4831
441	ATKINS WATER SYSTEM	3197
597	AUGUSTA WATERWORKS	2665
721	AURELLE WATER SYSTEM	295
890	AUTUMN ACRES MHP	88
689	BALD KNOB NORTH WATER ASSOC	2628
584	BALD KNOB WATERWORKS	3210
068	BANKS WATERWORKS	294
512	BARLING WATERWORKS	4430
415	BARTON LEXA WATER ASSOCIATION	4000
819	BASIN VALLEY WATER SYSTEM	390
377	BASSETT WATERWORKS	227
250	BATESVILLE WATER UTILITIES	11245
497	BAUXITE WATER	610
401	BEARDEN WATERWORKS	2468
038	BEAVER WATER DISTRICT	0
904	BEDFORD FALLS MHP	90
462	BEE BRANCH WATER	3002
592	BEEBE WATERWORKS	5000
262	BEEDEVILLE WATER WORKS	116
059	BELLEFONTE WATER	445
600	BELLEVILLE WATER	1025
037	BENTON CO WATER	4952
899	BENTON COUNTY WATER AUTHORITY4	503
484	BENTON WATERWORKS	18100

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
041	BENTONVILLE WATER UTILITIES	30894
871	BENTON-WASHINGTON REGIONAL PWA	0
060	BERGMAN WATERWORKS	2781
074	BERRYVILLE WATERWORKS	5020
627	BETHESDA WATER ASSOCIATION	1302
543	BEULAH GROVE WATER ASSOCIATION	94
799	BIG CLIFTY WATER	114
026	BIG FLAT WATERWORKS	523
1042	BIG POND WATER ASSOCIATION	35
411	BIGELOW WATERWORKS	544
476	BIGGERS WATERWORKS	404
448	BISCOE WATERWORKS	476
302	BLACK ROCK WATERWORKS	843
233	BLEVINS WATERWORKS	413
365	BLYTHEVILLE WATERWORKS	18722
887	BODCAW RURAL WATER SYSTEM	1250
178	BOIS D'ARC WATER SYSTEM	50
126	BONO WATERWORKS	1971
336	BOONEVILLE DEVELOPMENT CENTER	275
326	BOONEVILLE WATERWORKS	4773
179	BOWSER WATER ASSN	538
014	BOYDELL WATER ASSOCIATION	148
587	BRADFORD WATERWORKS	800
054	BRADLEY CO RURAL WATER ASSN	1150
294	BRADLEY WATERWORKS	575
653	BRANCH WATER WORKS	518
024	BRIARCLIFF WATERWORKS	296
131	BROOKLAND WATERWORKS	1858
837	BRUNNER HILL WATER ASSOC	1023
737	BUENA VISTA-OGEMAW WATER ASSOC	637
671	BUFFALO ISLAND REG WATER DIST	2710
352	BULL SHOALS WATER SYSTEM	2446
366	BURDETTE WATERWORKS	586
515	CADDO VALLEY WATERWORKS	860
003	CALICO ROCK WATERWORKS	1860
551	CALION WATER WORKS	498
404	CAMDEN WATERWORKS	14447
877	CAMP ROBINSON	1000
261	CAMPBELL STATION WATERWORKS	240
127	CARAWAY WATERWORKS	1230

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
339	CARLISLE WATERWORKS	2304
675	CARROLL-BOONE WATER DISTRICT	0
165	CARTHAGE WATER AND SEWER	312
203	CASS C C C	264
526	CAVE CITY WATERWORKS	2527
043	CAVE SPRINGS WATERWORKS	1344
138	CEDARVILLE WATERWORKS	7703
213	CENTER GROVE WATER ASSOCIATION	4377
044	CENTERTON WATERWORKS	10340
465	CENTRAL ARKANSAS WATER	313588
845	CENTRAL LOGAN COUNTY PWFB	1180
503	CENTRAL WATER USERS ASSOC	1218
901	CHAMBERLYNE COUNTRY CLUB	142
521	CHEROKEE VILLAGE WATER ASSOC	6900
789	CHERRY HILL PUBLIC FACILITY BD	726
158	CHERRY VALLEY WATERWORKS	742
647	CHESTER WATER WORKS	243
403	CHIDESTER WATER WORKS	534
446	CITY CORPORATION	28950
385	CLARENDON WATERWORKS	2100
741	CLARK CO COUNTRY WATER FACILIT	2450
289	CLARKSVILLE WATERWORKS	8104
722	CLAY CO REG WATER DISTRICT	5704
069	CLEVELAND CO RURAL WATER USERS ASSOC	1698
290	COAL HILL WATERWORKS	1370
533	COLT WATER ASSOCIATION	1020
101	COMMUNITY WATER SYSTEM	15257
147	CONCORD WATER & SEWER PFB	3000
119	CONWAY CO REGIONAL WATER DIST	19245
189	CONWAY WATER SYSTEM	51937
927	CORINTH VALLEY WATER SYSTEM	101
096	CORNING WATERWORKS	3554
028	COTTER WATERWORKS	1034
620	COTTONSHED WATERWORKS	72
813	COTTONWOOD WATER ASSOCIATION	670
439	COVE WATERWORKS	708
340	COY WATERWORKS	310
149	CRAWFORDSVILLE WATERWORKS	1680
873	CRESTWOOD MOBILE HOME PARK	34
459	CROSS COUNTY RURAL WATER SYS	12075

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
017	CROSSETT WATER COMMISSION	8038
180	CROWLEYS RIDGE WATER ASSOC	3868
249	CUSHMAN WATER SYSTEM	1345
603	DANVILLE WATERWORKS	2705
601	DARDANELLE WATERWORKS	4250
052	DECATUR WATERWORKS	1695
685	DEER RUN WATER COMPANY	117
224	DELAPLAINE WATERWORKS	137
461	DENNARD WATER ASSOCIATION	830
520	DEQUEEN WATER WORK	5930
082	DERMOTT WATERWORKS	3421
449	DES ARC WATERWORKS	3882
450	DEVALLS BLUFF WATERWORKS	682
008	DEWITT WATERWORKS	3623
061	DIAMOND CITY WATER	1204
269	DIAZ WATERWORKS	1092
243	DIERKS WATER WORKS	1795
585	DOGWOOD WATER ASSOCIATION	1456
139	DORA WATER ASSOCIATION	265
714	DORCHEAT WATER ASSOCIATION	1874
698	Dota Public Water Authority	3050
444	DOVER WATERWORKS	1876
369	DRIVER GRIDER WATER ASSOC	264
171	DUMAS WATERWORKS	5875
730	DYESS RURAL WATER	330
886	E CASS WATER SUPPLY CORP	143
150	EARLE WATERWORKS	2135
646	EAST END WATER	5456
879	EAST LAKE WATER USERS ASSN	55
809	EAST LOGAN CO RURAL WATER	1940
715	EAST MONROE COUNTY WATER USERS	966
539	EASTSIDE HOMEOWNERS ASSOC	175
350	EDGEWOOD BAY WATER	277
550	EL DORADO WATERWORKS	20698
418	ELAINE WATERWORKS	1506
111	EMERSON WATERWORKS	1205
393	EMMET WATERWORKS	620
341	ENGLAND WATERWORKS	3170
183	ENON WATER ASSOCIATION	482
083	EUDORA WATERWORKS	3158

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
075	EUREKA SPRINGS WATERWORKS	2500
544	FAIRCREST WATER ASSOCIATION	1250
569	FAYETTEVILLE WATERWORKS	94658
514	FCMTC WATERWORKS	89
545	FELSENTHAL WATER ASSOCIATION	627
351	FLIPPIN WATERWORKS	3473
635	FORDYCE RURAL WATER ASSOC	1403
004	FORREST CITY WATERWORKS	14049
507	FORT SMITH WATER UTILITIES	80258
358	FOUKE WATERWORKS	1033
016	FOUNTAIN HILL WATERWORKS	903
257	FRANKLIN WATERWORKS	252
625	FREE HOPE WATER ASSOCIATION	200
812	FREEDOM WATER ASSOCIATION	1708
814	FULTON COUNTY WATER ASSOC	1781
231	FULTON WATERWORKS	425
645	FURLOW WATER ASSOCIATION	2925
047	GARFIELD WATERWORKS	741
692	GARRETT BRIDGE WATER ASSOC	871
034	GASSVILLE WATERWORKS	1795
693	GATEWAY PUBLIC WATER AUTHORITY	1966
048	GENTRY WATERWORKS	5598
699	GENTRYVILLE PUBLIC WATER AUTH	386
009	GILLETT WATER DEPT	737
658	GILLHAM REGIONAL WATER DIST	0
516	GILLHAM WATERWORKS	313
857	GLEN ACRES	59
861	GLENHAVEN YOUTH RANCH	50
374	GOSNELL WATER ASSOCIATION	3612
316	GOULD MUNICIPAL WATER-SEWER	1041
734	GRAND PRAIRIE BAYOU 2 P.F.B.	9630
759	GRANGE-CALAMINE WATER ASSOC	2381
437	GRANNIS WATERWORKS	530
051	GRAVETTE WATERWORKS	3663
076	GRAY ROCK WATER ASSOCIATION	733
696	GREASY VALLEY WATER ASSOC	280
077	GREEN FOREST WATERWORKS	5416
701	GREEN HILL-BROOKS CHAPEL WATER	701
267	GRUBBS WATERWORKS	907
626	GUION WATER DEPARTMENT	270

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
086	GUM SPRINGS WATER ASSOCIATION	947
087	GURDON WATERWORKS	1351
505	HACKETT WATERWORKS	995
015	HAMBURG WATERWORKS	5302
070	HAMPTON WATERWORKS	1730
273	HARDIN WATER ASSOCIATION	4916
524	HARDY WATERWORKS	923
402	HARMONY GROVE WATER ASSOC	2303
546	HARMONY WATER ASSOCIATION	362
071	HARRELL WATERWORKS	391
431	HARRISBURG WATERWORKS	2192
506	HARTFORD WATERWORKS	748
286	HARTMAN WATERWORKS	975
488	HASKELL WATER SYSTEM	2950
436	HATFIELD WATERWORKS	800
602	HAVANA WATERWORKS	1158
427	HEAFER-BLACK OAK WATER ASSOC	444
104	HEBER SPRINGS WATER SYSTEM	10662
419	HELENA WATER SEWER	6200
067	HERMITAGE WATERWORKS	730
885	HIGHFILL WATER DEPARTMENT	1140
672	Highland Public Water Authority	2376
388	HOLLY GROVE WATERWORKS	1964
230	HOPE WATER LIGHT COMM	11500
518	HORATIO WATERWORKS	1529
617	HORSEHEAD WATER ASSOCIATION	4282
255	HORSESHOE BEND WATERWORKS	2131
797	HORSESHOE HOMES WATER ASSOC	35
236	HOT SPRING CO WATER ASSOC	3375
209	HOT SPRINGS UTILITIES	90044
414	HOUSTON WATERWORKS	611
011	HUGHES COMMUNITY WATER ASSOC	2480
531	HUGHES WATERWORKS	1800
508	HUNTINGTON WATERWORKS	713
348	HUNTSVILLE WATERWORKS	3033
553	HUTTIG WATERWORKS	898
107	HWY 63 WATER ASSOCIATION	7470
749	HWY 64 WATER ASSOCIATION	240
145	HWY 71 WATER DISTRICT #1 PWA	5958
547	HWY 82 WATER ASSOCIATION	99

**Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
702	HWY 9 WATER ASSOCIATION	1258
300	IMBODEN WATERWORKS	704
781	INDIAN SWITCH RURAL WATER ASSN	730
263	JACKSONPORT WATERWORKS	305
466	JACKSONVILLE WATERWORKS	16878
513	JAMES FORK REGIONAL WATER DISTRICT	9958
397	JASPER WATERWORKS	766
372	JOINER WATERWORKS	777
124	JONESBORO WATER SYSTEM	67995
582	JUDSONIA WATERWORKS	3160
552	JUNCTION CITY WATERWORKS	750
373	KEISER WATERWORKS	893
588	KENSETT WATERWORKS	1675
337	KEO WATER WORKS	423
821	KIMZEY REGIONAL WATER DISTRICT	7427
827	KINGS HILL ESTATES	25
287	KNOXVILLE WATERWORKS	1800
706	KROOKED KREEK WATER ASSN	1825
684	LACEY-LADELLE WATER ASSOCIATIO	1370
483	LAFE RURAL WATER ASSOCIATION	2378
080	LAKE CHICOT WATER ASSOCIATION	1966
677	LAKE FOREST SUBORDINATE DIST	91
824	LAKE TABLE ROCK ESTATES	53
081	LAKE VILLAGE WATERWORKS	2846
726	LAKESHORE ESTATES WATER ASSN	1004
793	LAURELWOOD HOMEOWNERS ASSOCIATION	86
510	LAVACA WATERWORKS	3253
688	LAWRENCE CO REG WATER DIST	6180
548	LAWSON-URBANA WATER ASSOC	1147
362	LEACHVILLE WATERWORKS	2376
063	LEAD HILL WATERWORKS	482
313	LEE COUNTY WATER ASSOCIATION	5019
032	LEISURE HILLS HOMEOWNERS ASSOC	131
747	LEISURE HILLS MOBILE HOME PARK	117
218	LEOLA WATERWORKS	720
500	LESLIE WATER SYSTEM	660
297	LEWISVILLE WATERWORKS	1800
572	LINCOLN WATERWORKS	6209
716	LISBON WATER ASSOCIATION	422
214	LITTLE CREEK WATER ASSOCIATION	2100

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
808	LITTLE PORTION HERMITAGE	30
371	LITTLE RIVER WATER ASSOCIATION	924
912	LOCKE-FERN DOLLARD RD WW PFB	955
517	LOCKESBURG WATERWORKS	853
102	LOCUST BAYOU WATER ASSOCIATION	520
443	LONDON WATERWORKS	1295
274	LONG LAKE WATER ASSOCIATION	500
343	LONOKE WATERWORKS	4400
049	LOST BRIDGE VILL WAT-SEW DIST	916
406	LOUANN WATERWORKS	221
292	LUDWIG WATER ASSOCIATION	1280
718	LURTON-PELSOR WATER ASSOC	289
361	LUXORA WATERWORKS	1027
713	LYDESDALE WATER ASSOCIATION	398
803	MADISON CO REGIONAL WATER	0
349	MADISON CO WATER FACILITIES BD	8059
327	MAGAZINE WATERWORKS	1045
241	MAGNET-BUTTERFIELD WATER ASSOC	1838
109	MAGNOLIA WATERWORKS	10866
206	MAMMOTH SPRING WATERWORKS	1487
509	MANSFIELD WATERWORKS	2283
310	MARIANNA WATERWORKS	5180
770	MARION COUNTY REG WATER DIST	2
152	MARION WATERWORKS	10300
430	MARKED TREE WATERWORKS	2528
501	MARSHALL WATERWORKS	2755
637	MARVELL RURAL WATER ASSOC	2275
421	MARVELL WATERWORKS	1374
001	MARYSVILLE WATER ASSOCIATION	831
464	MAUMELLE WATER CORPORATION	2253
619	MAYNARD WATERWORKS	468
599	MC CRORY WATERWORKS	1850
098	MC DOUGAL WATERWORKS	290
170	MC GEHEE WATERWORKS	4734
110	MC NEIL WATERWORKS	595
589	MC RAE WATERWORKS	685
256	MELBOURNE WATERWORKS	4155
438	MENA WATER DEPT	6090
118	MENIFEE WATER DEPARTMENT	464
786	MILL POND VILLAGE MHP	160

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
409	MILLWOOD WATER CORPORATION	529
242	MINERAL SPRINGS WATERWORKS	1415
169	MITCHELLVILLE WATERWORKS	475
128	MONETTE WATERWORKS	1352
184	MONTICELLO WATER DEPARTMENT	10568
314	MORO WATERWORKS	241
709	MORRISON BLUFF WATER SYSTEM	325
002	MOUNT HOLLY WATERWORKS	407
392	MOUNT IDA WATERWORKS	2940
454	MOUNTAIN TOP WATER ASSOCIATION	6600
141	MOUNTAINBURG WATER AND SEWER	688
258	MT PLEASANT WATERWORKS	1286
703	MT ZION WATER ASSOCIATION	202
136	MULBERRY WATERWORKS	1608
633	MUNDELL HEIGHTS WATERWORKS	148
425	MURFREESBORO WATERWORKS	1819
1069	N E WHITE COUNTY PUBLIC FACILITIES BOARD	0
805	NASHVILLE RURAL WATER ASSOC	6543
244	NASHVILLE WATERWORKS	5285
673	NE MISSISSIPPI CO WATER ASSOC	1122
697	NE YELL COUNTY WATER ASSOC	5955
1070	NEAPWA	5
683	NEW HOPE WATER ASSOCIATION	1163
248	NEWARK WATERWORKS	1512
264	NEWPORT WATERWORKS	7811
035	NORFORK WATERWORKS	1200
391	NORMAN WATERWORKS	825
331	NORTH CARBON CITY WATER ASSOC	97
022	NORTH CROSSETT UTILITIES	3525
023	NORTH EAST CROSSETT WATER ASSN	160
033	NORTH EAST PUBLIC WATER AUTH	3811
767	NORTH JACKSON CO WATER ASSN	804
012	NORTH LAGRUE WATER ASSOC	289
826	NORTH PIKE CO RURAL WATER ASSN	1877
725	NORTH PULASKI PFB	8665
583	NORTH WHITE CO RURAL WATER PFB	4548
007	NORTHEAST DEWITT WATER ASSOC	618
659	NORTHERN HILLS MH COMMUNITY	458
763	NORTHERN MALVERN WATER ASSN	1150
881	OAK GLEN MOBILE HOME COMMUNITY	219

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
146	OAK GROVE WATER ASSOCIATION	2670
558	OAK MANOR WATER ASSOCIATION	338
676	OAKHILLS SURB IMPROVMENT DIST	107
745	OAKWOOD MHP WATERWORKS	35
616	ODEN- PENCIL BLUFF WATER ASSN.	368
322	OGDEN WATERWORKS	495
247	OIL TROUGH WATERWORKS	284
473	O'KEAN WATERWORKS	219
753	OLD BELLA VISTA POA	103
559	OLD UNION WATER ASSOCIATION	1240
120	OPPELO WATER DEPARTMENT	1252
832	OSAGE POINT MHP	58
375	OSCEOLA WATERWORKS	8875
802	OUTSIDE KINGSLAND WATER ASSOC	525
259	OXFORD WATERWORKS	1100
1078	OZAN CREEK RURAL WATER SYSTEM	1074
227	OZAN WATERWORKS	378
530	OZARK ACRES WATER ASSOCIATION	819
536	PALESTINE WATER ASSOCIATION	1988
580	PANGBURN WATERWORKS	2500
222	PARAGOULD CITY LIGHT WATER	22744
328	PARIS WATERWORKS	4473
019	PARKDALE WATERWORKS	324
560	PARKERS CHAPEL PUBLIC WATER	2370
662	PARKIN RURAL WATER ASSOCIATION	462
160	PARKIN WATERWORKS	1602
736	PARTHENON WATER ASSOCIATION	400
053	PEA RIDGE WATERWORKS	5618
091	PEACH ORCHARD WATERWORKS	172
649	PENDLETON-PEA RIDGE WATER ASSN	946
623	PERLA WATER ASSOCIATION	1818
234	PERRYTOWN WATERWORKS	118
251	PFEIFFER WATER AUTHORITY	3241
172	PICKENS WATERWORKS	188
090	PIGGOTT WATERWORKS	4975
113	PINE REST MOBILE HOME PARK	53
720	PLEASANT GROVE	2202
202	PLEASANT VIEW WATER FAC BOARD	1698
092	POLLARD WATERWORKS	364
305	PORTIA WATERWORKS	492

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
018	PORTLAND WATERWORKS	737
445	POTTSVILLE WATER ASSOCIATION	3900
217	POYEN WATERWORKS	807
216	PRATTSVILLE WATERWORKS	1282
394	PRESCOTT WATERWORKS	5198
354	PYATT WATERWORKS	225
561	QUINN WATER ASSOCIATION	744
105	QUITMAN WATERWORKS	1454
040	RAMBO RIVIERA SD WATERWORKS	83
329	RATCLIFF WATERWORKS	1315
306	RAVENDEN WATERWORKS	540
084	READLAND-GRANDLAKE WATER ASSOC	237
093	RECTOR WATERWORKS	2933
279	REDFIELD WATERWORKS	2652
732	REDHILL WATER ASSOCIATION	463
173	REED WATERWORKS	252
475	REYNO WATERWORKS	484
835	RICHWOOD WATER ASSOCIATION	1358
776	RIDGEFIELD ESTATES WATER SYS	120
106	RISON WATERWORKS	1443
674	RIVERSOUTH RURAL WATER DIST	4070
239	RIVIERA UTILITIES	1543
252	Rock Moore Water Authority	4026
389	ROE WATERWORKS	124
055	ROGERS WATER UTILITIES	62231
395	ROSSTON WATER DEPARTMENT	450
591	RUSSELL WATERWORKS	250
875	RUSSELLVILLE- RWPSID2INC	145
678	S P G WATER ASSOCIATION	1449
492	SALEM WATER ASSOCIATION	12360
204	SALEM WATERWORKS	1851
036	SALESVILLE WATERWORKS	592
491	SALINE CO WW SS PFB	1760
493	SARDIS WATER ASSOCIATION	12482
330	SCRANTON WATERWORKS	1258
870	SE BRADLEY CO WATER ASSN	2330
594	SE WHITE COUNTY WATER ASSOC	4765
511	SEBASTIAN LAKE PUBLIC WATER AUTHORITY	243
304	SEDGWICK WATERWORKS	288
868	SEVIER CO WATER ASSOCIATION	4293

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
540	SHADY ACRES MOBILE HOME PARK	60
800	SHANNON HILLS WATER DEPT	2885
215	SHERIDAN WATERWORKS	3512
565	SHIRLEY WATERWORKS	400
407	SHUMAKER PUBLIC SERVICE CO	1413
528	SIDNEY WATER SYSTEM	313
056	SILOAM SPRINGS WATERWORKS	16767
555	SMACKOVER WATERWORKS	3019
219	SOUTH SHERIDAN WATER ASSOC	2945
792	SOUTHERN HILLS WATER SYSTEM	45
254	SOUTHSIDE PUB WATER AUTHORITY	8800
889	SOUTHWEST ARKANSAS WATER SYST	2116
757	SOUTHWEST ATKINS WATER USERS	1170
495	SOUTHWEST WATER ASSOCIATION	6317
293	SPADRA-GOOSE CAMP WATER ASSOC	500
166	SPARKMAN WATERWORKS	1555
575	SPRINGDALE WATER UTILITIES	81429
005	ST CHARLES WATERWORKS	415
537	ST FRANCIS RURAL WATER ASSOC	1355
296	STAMPS WATERWORKS	2952
755	STARLIGHT ESTATES	42
405	STEPHENS WATERWORKS	1379
307	STRAWBERRY WATERWORKS	903
556	STRONG WATERWORKS	992
135	SUBIACO CITY WATERWORKS	483
057	SULPHUR SPRINGS WATERWORKS	720
355	SUMMIT WATERWORKS	564
628	SW BOONE COUNTY WATER ASSOC	3905
852	SW WARREN WATER ASSOCIATION	747
185	SW WHITE COUNTY WATER ASSN	9700
265	SWIFTON WATERWORKS	994
882	SYLAMORE VALLEY WATER ASSN	275
045	SYLVAN SHORES SD WATERWORKS	74
114	TAYLOR WATERWORKS	688
360	TEXARKANA WATER UTILITIES	28775
072	THORNTON WATERWORKS	875
798	TOAD SUCK PUBLIC FACILITY BD	1100
566	TONTITOWN WATERWORKS	2555
846	TRI COUNTY RWDD -MOORES CHAPEL	896
782	TRI-COUNTY WATER DISTBR DIST	17550

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
434	TRUMANN RURAL WATER ASSOC	2614
435	TRUMANN WATERWORKS	6889
266	TUCKERMAN WATERWORKS	1848
825	TULIP - PRINCETON WATER ASSN	1131
220	TULL WATER	1987
579	TUMBLING SHOALS WATER ASSOC	5030
155	TURRELL WATER WORKS	957
855	TWIN OAKS MOBILE HOME PARK	35
426	TYRONZA WATERWORKS	932
451	ULM WATERWORKS	206
272	UNITED WATER ARKANSAS	44080
654	UNITED WATER ASSOCIATION	568
690	US AIR FORCE BASE LITTLE ROCK	7288
065	VALLEY SPRINGS WATERWORKS	3070
142	VAN BUREN WATERWORKS	19343
162	VANNDALE-BIRDEYE WATER ASSOC	2312
380	VICTORIA WATER ASSOCIATION	35
115	VILLAGE WATER ASSOCIATION	417
195	VILONIA WATERWORKS	19550
205	VIOLA WATERWORKS	355
460	WALDENBURG WATER ASSOCIATION	215
112	WALDO WATERWORKS	1916
858	WALKER CREEK STATELINE RWA	1235
639	WALKERVILLE WATER ASSOCIATION	510
298	WALNUT HILL WATER ASSOCIATION	270
309	WALNUT RIDGE WATERWORKS	5929
345	WARD WATERWORKS	8630
066	WARREN WATERWORKS	6910
574	WASHINGTON WATER AUTHORITY WWA	13719
232	WASHINGTON WATER SYSTEM	377
606	WATALULA WATER ASSOCIATION	2200
284	WATSON CHAPEL WATER ASSOC	6140
428	WEINER WATERWORKS	915
103	WESSON-NEWELL WATER ASSOC	590
878	WEST ASHLEY COUNTY WATER ASSN	683
577	WEST FORK WATERWORKS	2626
416	WEST HELENA WATER WORKS	7500
156	WEST MEMPHIS WATERWORKS	27780
682	WEST SALINE WATER USERS ASSN	1898
735	WEST STONE COUNTY WATER ASSN	4634

## Appendix J - No Violations For This Calendar Year

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
704	WESTERN GREENE COUNTY R W D	5012
400	WESTERN GROVE MUNICIPAL WATER	888
535	WHEATLEY WATERWORKS	840
804	WHELEN SPRINGS WATER DEPT	500
285	WHITE HALL WATERWORKS	4864
440	WICKES WATERWORKS	1265
538	WIDENER WATERWORKS	665
686	WILBURN WATER ASSOCIATION	687
562	WILDWOOD WATER ASSOCIATION	1280
529	WILLIFORD WATERWORKS	350
021	WILMOT WATERWORKS	839
321	WILTON WATERWORKS	500
332	WINSLOW WATERWORKS	1368
783	WIRE ROAD WATER SYSTEM	822
471	WOODSON-HENSLEY WATER COMPANY	1164
196	WOOSTER WATERWORKS	3665
410	WYE MOUNTAIN WATER ASSOCIATION	1250
383	YARBRO WATERWORKS	388
<b>PWS type:PWS type: N</b>		
T1066	A M-N CONVENIENCE STORE	30
T0015	AHTD-LONSDALE REST AREA	25
N0235	ALEXA SPRINGS WATER COMPANY	25
960	ANTIOCH CHURCH	
935	AQUA CLEAR	30
1006	Aqua Flow Artesian Well	25
T0031	ARK POST NATIONAL MEMORIAL	25
N0074	ASHLEY MINERAL SPRING	25
T1070	Benny's Country Store	30
1080	BIGGERS BED AND BREADFAST	25
N0080	BLACK BEAR SPRINGS	25
T0350	BLUE WATER'S RESORT	52
T0081	BLUEBIRD LODGE	25
T0083	BOGG SPRINGS BAPTIST CAMP	800
T0885	BOLL WEEVIL	300
T0087	BOY SCOUT CAMP ORR	300
924	BREAD AND THINGS	25
T0965	BUFFALO NATRV U4-08 OZARK CG	25
T0961	BUFFALO NATRV U4-24 KYLES CG	25
T0964	BUFFALO NATRV U4-59 ERBIE CG	25
T1022	BUFFALO NRV RUSH CAMPGROUND	25

Wednesday, June 01, 2011

Appendix J

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
T0098	BUFFALO NRVU2-01 BUFFALO POINT	25
T0963	BUFFALO NRVU4-02LOST VALLEYCG	25
T0096	BUFFALO NRVU4-06 UPPER PRUITT	25
T1047	BUFFALO OUTDOOR CENTER	25
T1082	BUFFALO POINT HWY 14	250
T0906	BUFFALO RV TYLER BEND CGU3-13	25
T0097	BUFFALO RV TYLER BEND MTU3-12	30
1013	C. G. Roxane	25
T0114	CAMP CANFIELD	100
T0120	CAMP KIA KIMA	500
973	CAMP WAR EAGLE	600
T1095	CATALPA GENERAL STORE	25
986	CEDAR GLADES PARK	25
T0431	CEDAR VALLEY INC	250
N0234	Celestial Beverage Company	25
N0190	COCA COLA BOTTLED WATER	25
T0163	COUNTRY MOUNTAIN INN	100
N0136	CULLIGAN OF NORTHWEST ARKANSAS	25
1041	CUZN OZARK FOODS	30
T0195	DOGWOOD LODGE	25
T1107	EUREKA SPRINGS SPORTS FIELD	30
T0116	FERNCLIFF CAMP CONFER CENTER	162
T0215	FISH FIDDLE RESORT	30
942	FRED BERRY CONSERVATION ED CTR	25
T0231	GASTON'S WHITE RIVER RESORT	550
T0233	GENOA GROCERY 46	100
1064	GLACIER ALCO233 RUSSELLVILLE	30
1035	Glacier Alco411 HS	30
1102	GLACIER AMIGO608 SPRINGDALE	30
1109	GLACIER ELMWOOD EXPRESS SPRINGDALE	30
1100	GLACIER ESTRELLA115 ROGERS	30
1101	GLACIER ESTRELLA305 ROGERS	30
1045	GLACIER FOOD GIANT 19 FC	30
1055	GLACIER FOOD GIANT 3445 HELEA	30
1046	GLACIER FOOD GIANT 37 MAR	30
1099	GLACIER FTRAX4451 SPRINGDALE	30
1110	GLACIER HANDI MART2 SPRINGDALE	30
1053	GLACIER HF1508 CLINTON	30
1024	Glacier HF1684 LR	30
1038	Glacier HF1688 Benton	30

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
1022	Glacier HF1706 LR	30
1052	GLACIER HF1714 HS	30
1026	Glacier HF6167 LR	30
1020	Glacier HF6243 LR	30
1032	Glacier HF6249 NLR	30
1021	Glacier HF6320 LR	30
1072	GLACIER LS3684 HS	30
1097	GLACIER MINMART2817 FAYETTEVILLE	30
1098	GLACIER ONESTOP2811 BELLA VISTA	30
1081	GLACIER REHK506 GURDON	30
1096	GLACIER SMERC300 ROGERS	30
1111	GLACIER TONTITOWN VALERO2	30
914	GLACIER WATER BG ASHDOWN 4365	30
N0244	GLACIER WATER BG CROSSETT 0494	30
N0242	GLACIER WATER BG ELDORADO 2195	30
917	GLACIER WATER BG PB 5613	30
941	GLACIER WATER SM STAMPS 5524	30
T0486	HIDE A WAY CAMPGROUND	367
T0258	HOLIDAY HILLS RESORT	25
T1052	HORIZON RESTAURANT	25
T0915	HOT SPR NAT PK HAPPY HOLLOW SP	25
T0916	HOT SPR NAT PK WHITTINGTON SPR	25
T0259	HOT SPRINGS NATIONAL PARK	25
1105	HOWARD COVE STRIPER AND RV	25
T0261	HWY 27 FISHING VILLAGE	25
T0714	HWY 27 REC AREA	25
1094	J & J WATER SPORTS	25
1043	JIM'S SALOON	25
T0291	KAY'S GROCERY GAS INC	25
T0295	KELLER'S KOVE RESORT	150
T0297	KETTLE CAMPGROUND	30
T0308	KOA CAMPGROUND STORE	40
T0312	LAKE LEATHERWOOD CAMPGROUND	25
993	Lake Shore Cabins	25
T0928	LIGHTHOUSE POINT RESORT	50
T0330	LITTLE FIR LANDING	25
T0332	LITTLE PORTION RETREAT CENTER	60
1090	LOST VALLEY CANOE AND LODGING	40
T0341	MANY ISLAND CAMP	200
T0373	MOOSE CLUB 1953	220

## Appendix J - No Violations For This Calendar Year

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
1095	MOUNTAIN HOME SOCCER PARK	50
N0073	MT VALLEY SPRING CO	25
982	MULBERRY RIVER MOUNTAIN RANCH	25
T1068	NORFORK LAKE ESTATES-MOHR ADD	30
1067	NWS INC WHLOE FOODS LR	30
1005	Oak Hill Lodge SGT	25
T1016	OUTDOOR RESORTS OF THE OZARKS	500
T0406	OZARK REGULAR BAPTIST CAMP	25
1016	PATSY'S ANTIQUES AND DELI	25
T0417	PEA RIDGE NATL MILITARY PARK	25
T0418	PEAL'S RESORT	60
T0426	PIER 27	25
1009	Pilgrimage Christian Center	50
T0439	PONCA BIBLE CAMP	70
T0931	PORT ORLEANS RESTAURANT	50
1071	PRIMO WMSCO171 CAMDEN	30
1066	PRIMO REFILL LLC HARPS124 FAYETTEVILLE	30
1065	PRIMO REFILL LLC HARPS134 GREEN FOREST	30
N0229	PRIMO REFILL LLC MK3479 ROGERS	30
N0225	PRIMO REFILL LLC NMKT2744 FT SMITH	30
1068	PRIMO REFILL LLC NMKT5738 SPRINGDALE	30
1050	PRIMO REFILL LLC NMKT5783 MAUMELLE	30
N0168	PRIMO REFILL LLC SPRINGDALE WAL-MA54	240
N0142	PRIMO REFILL LLC STUTTGART WAL-M102	30
1113	PRIMO REFILL LLC WMNM5737 FAYETTEVILLE	30
N0230	PRIMO REFILL LLC WMSC0011 MT HOME	30
911	PRIMO REFILL LLC WMSC0068 WYNNE	30
1112	PRIMO REFILL LLC WMSC0126 LR	30
947	PRIMO REFILL LLC WMSC0127 MALVERN	30
1011	PRIMO REFILL LLC WMSC0133 Ashdown	30
939	PRIMO REFILL LLC WMSC0167 CROSSETT	30
933	PRIMO REFILL LLC WMSC0229 TRUMANN	30
977	PRIMO REFILL LLC WMSC0358 ALMA	30
N0231	PRIMO REFILL LLC WMSC0468 TEXARKANA	30
964	PRIMO REFILL LLC WMSC1114 MTN VIEW	30
944	PRIMO REFILL LLC WMSC1147 FLIPPIN	30
918	PRIMO REFILL LLC WMSC3331 PINE BLUFF	30
974	PRIMO REFILL LLC WMSC336 SHERIDAN	30
946	PRIMO REFILL LLC WMSC5260 ROGERS	30
N0166	PRIMO REFILL LLCASH FLAT WAL-MT160	30

## **Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
N0159	PRIMO REFILL LLCBERRYVILLE WAL-MT76	30
N0150	PRIMO REFILL LLCDARDANELLE HARPS	30
N0170	PRIMO REFILL LLCFAYETTEVILLE WAL144	30
N0192	PRIMO REFILL LLCFT SMITH WALM125	30
N0165	PRIMO REFILL LLCFT SMITH WAL-MA141	30
N0202	PRIMO REFILL LLCHARP'S 119	30
N0212	PRIMO REFILL LLCHARP'S 135 MOUNTAIN HOME	30
N0178	PRIMO REFILL LLCHOLIDAY ISLAND SUNF	30
N0162	PRIMO REFILL LLCHUNTSVILLE HARPS	30
N0175	PRIMO REFILL LLCJONESBORO WAL-M128	30
N0197	PRIMO REFILL LLCNEIGHBORHOOD MARKET	30
N0201	PRIMO REFILL LLCNEIGHBORHOOD MK2745	30
N0223	PRIMO REFILL LLCNMKT2742 SPRINGDALE	30
N0157	PRIMO REFILL LLCROGERS WAL-MART 01	30
N0211	PRIMO REFILL LLCVB WMSC 16	30
N0152	PRIMO REFILL LLCW HELENA WAL-MA714	30
N0191	PRIMO REFILL LLCWALM124 LITTLE ROCK	30
N0218	PRIMO REFILL LLCWMSC0004 SILOAM SP	30
T0960	QUICK STOP CONVENIENCE STORE	75
T0467	RIVERSIDE RESORT	25
T1037	RIVERSIDE RESORT	250
T1097	ROOST YOUR WHEELS	25
T1085	RUSSELL'S RV PARK	30
928	SADDLER FALLS RESORT	25
989	Sean's Restaurant	25
925	SHADY OAK RV PARK	25
T1067	SHEPHERD OF THE OZARKS	30
T0294	SHEPHERDS INN RETREAT CENTER	50
958	SOUTHFORK RESORT	50
T0513	SPRING RIVER OAKS CAMP	25
T0399	STATION ONE	50
T0526	SUPPLY COUNTRY STORE	150
1047	T & T DOLLAR STORE FS	30
1010	Taylor Jam	25
T0322	THE LANGLEY STORE	25
T0550	THREE OAKS RESORT	40
T0588	USCOE BSWP109 TUCKER HOLLOW	40
T0589	USCOE BSWP110 TUCKER HOLLOW	25
T0590	USCOE BSWP116 OAKLAND	25
T0592	USCOE BSWP129 BUCK CREEK	25

**Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
T0594	USCOE BSWP133 HIGHWAY 125	25
T0602	USCOE BWP 18 LOST BRIDGE SOUTH	25
T0974	USCOE BWP POWER HOUSE	25
T0601	USCOE BWP17 LOST BRIDGE	25
T0892	USCOE BWP29 STARKEY PARK	25
T0609	USCOE BWP33 LOST BRIDGE	25
T0612	USCOE DG ALPINE RIDGE	25
T0619	USCOE DG LENOX MARCUS	25
T0620	USCOE DG LOWER LAKE	25
T0622	USCOE DG OZAN POINT	25
T0682	USCOE MIP5 COTTONSHED	25
T1035	USCOE NF PANTHER BAY	160
T0689	USCOE NFWP12 ROBINSON POINT	200
T0691	USCOE NFWP15 PANTHER BAY	50
T0692	USCOE NFWP18 HENDERSON	80
T0889	USCOE NFWP21A WOODS POINT	25
T0695	USCOE NFWP25 BIDWELL POINT	200
T0696	USCOE NFWP29 GAMALIEL	125
T0699	USCOE NFWP5 GEORGES COVE	25
T0724	USCOE OC - AVERY TRAIL	25
T0709	USCOE OC - BRADY MTN	200
T0718	USCOE OC - LITTLE FIR	100
T0719	USCOE OC - SPILLWAY	100
T1099	USCOE PB JARDIS POINT PARK	25
T1013	USCOE PBW WILBUR MILLS PARK	25
T0763	USFS ALBERT PIKE REC AREA	100
T0766	USFS BAYOU BLUFF	25
T0770	USFS BLANCHARD	25
T0778	USFS COVE LAKE CAMP A	25
T0786	USFS GUNNER POOL	25
T0788	USFS HORSEHEAD BATHHOUSE	25
T0795	USFS LAKE WEDINGTON	50
T0797	USFS LITTLE PINES REC AREA	25
T0806	USFS REDDING	30
T0808	USFS RICHLAND CREEK	25
T0810	USFS SHADY LAKE REC AREA 16661	25
T0811	USFS SHADY LAKE REC AREA 16666	25
T0814	USFS SHORES LAKE	25
T0821	USFS WHITE ROCK	35
970	VENTRIS TRAILS END RESORT	50

**Appendix J - No Violations For This Calendar Year**

<b>PWS ID</b>	<b>System Name</b>	<b>Retail population served</b>
T0835	WANDERLUST RV PARK	25
1002	War Eagle Cavern	25
T1106	WATER WAGON	25
N0137	WATERWELL EXPRESS - FARMINGTON	30
T1105	WHEELIN' WORLD	25
N0084	WILDERNESS VALLEY SPRING	25
<b>PWS type: PWS type: P</b>		
N0180	4-H CENTER	30
N0103	AHTD HARRISON 9 HEADQUARTERS	90
N0129	AHTD MARION COUNTY	25
N0022	ALBEMARLE CORPORATION SOUTH	550
N0021	ALBEMARLE CORPORATION WEST	150
N0181	BASF CORPORATION	160
N0014	BRUNO PYATT SCHOOL	300
N0237	CHRISTIAN MINISTRY ACADEMY	400
N0052	CLEARWATER PAPER CORPORATION	339
N0009	ENTERGY - INDEPENDENCE	200
N0032	EVERGREEN PACKAGING PINE BLUFF MILL	1060
N0025	GENOA CENTRAL SCHOOL	924
N0028	GEORGIA PACIFIC PAPER MILL	1400
N0029	Great Lakes Chemical South	240
932	MOUNTAIN DEVELOPMENT	100
N0046	NAT CTR FOR TOXOLOGICAL RES	220
N0188	NW ARKANSAS REGIONAL AIRPORT	55
N0048	OARK SCHOOLS	200
N0189	R V A F TEXARKANA	120
N0057	REMINGTON ARMS COMPANY	860
N0109	SW REGION WILDERNESS CAMP	59
1019	TOWERING OAKS BAPTIST CHURCH	25
N0126	TRINITY BEHAVIORAL HEALTH	75
N0069	VISKASE CORPORATION	236
N0228	WILSON GUN SHOP INC	50

Wednesday, June 01, 2011

Appendix J

## Appendix K - Enforcement Actions

PWS type: C

PWS ID2	System Name	Enforcement Action	Date Issued	Rule Violated	
144	ALMA WATERWORKS	Penalty Suspended - Bilateral Compliance Agreement	8/24/2010	DBPR/SWTR	
622	BATTS-LAPILE WATER ASSOCIATION	Administrative Order	6/1/2010	TCR	
587	BRADFORD WATERWORKS	Warning of Administrative Order	7/13/2010	L	
596	COTTON PLANT WATERWORKS	Administrative Order	9/10/2010	TCR/LC	
748	CRABAPPLE POINT WATER SYSTEM	Penalty Suspended - Bilateral Compliance Agreement		7/1/2010	L
358	FOUKE WATERWORKS	Warning of Administrative Order	6/18/2010	TCR/CCR	
097	GREENWAY WATERWORKS	Warning of Administrative Order	6/21/2010	TCR/L&C	
884	HOSANNA HEIGHTS WATER	Warning of Administrative Order	6/18/2010	TCR/LC	
344	HUMNOKE WATERWORKS		Administrative Order	9/6/2010	LC
513	JAMES FORK REGIONAL WATER DISTRICT	Warning of Administrative Order	6/18/2010	SWTR/DBPR	
869	KINGWOOD MHP	Warning of Administrative Order	6/18/2010	TCR	
288	LAMAR WATERWORKS	Warning of Administrative Order	8/31/2010	LC	
793	LAURELWOOD HOMEOWNERS ASSOCIATION	Warning of Administrative Order	2/3/2010	TCR	
793	LAURELWOOD HOMEOWNERS ASSOCIATION	Administrative Order	6/25/2010	TCR	
787	LITTLE RIVER CO RDA	Warning of Administrative Order	9/28/2010	DBPR	
241	MAGNET-BUTTERFIELD WATER ASSOC	Warning of Administrative Order	6/18/2010	DBPR	
237	MALVERN WATERWORKS	Warning of Administrative Order		9/28/2010	DBPR
773	MILLTOWN-WASHBURN WATER USERS	Warning of Administrative Order	6/18/2010	DBPR	
242	MINERAL SPRINGS WATERWORKS	Warning of Administrative Order	6/18/2010	TCR/CCR	
951	MONTGOMERY CO REGIONAL PWA	Penalty Suspended - Bilateral Compliance Agreement	6/14/2010	DBPR	

Wednesday, June 01, 2011

Appendix K

## Appendix K - Enforcement Actions

703	MT ZION WATER ASSOCIATION	Proposed Penalty	4/27/2010	TCR
867	N GARLAND CO REG WATER DIST	Penalty Suspended - Bilateral Compliance Agreement	6/14/2010	DBPR
856	NAIL-SWAIN WATER ASSOCIATION	Warning of Administrative Order	6/17/2010	CCR/TCR
604	OLA WATERWORKS	Warning of Administrative Order	6/18/2010	TCR/DBPR
304 TCR/DBPR	SEDGWICK WATERWORKS	Warning of Administrative Order	6/18/2010	6/18/2010
978	SOUTH PIKE CO. WATER	Warning of Administrative Order	9/28/2010	TCR/DBPR
836	ST FRANCIS RIVER REG WATER DD	Warning of Administrative Order	6/18/2010	TCR
895	TANKSLEY APARTMENTS	Administrative Order	6/1/2010	TCR
618	TOLLETTE WATER	Administrative Order	6/1/2010	TCR
806	WIEDERKEHR VILLAGE WATER DEPT	Warning of Administrative Order	8/31/2010	LC

**PWS type:** N

<b>PWS ID2</b>	<b>System Name</b>	<b>Enforcement Action</b>	<b>Date Issued</b>	<b>Rule Violated</b>
T0323	101 Great American Diner	Proposed Penalty	4/27/2010	TCR
972	GENERAL WATER CONDITIONING	Warning of Administrative Order	9/28/2010	TCR
1018	Parthenon Church of God	Warning of Administrative Order	9/28/2010	SWTR/TCR
N0164	PRIMO REFILL LLC POCAHONTAS WAL-M71	Warning of Administrative Order	6/18/2010	TCR
T0469	RIVERVIEW MOTEL	Administrative Order	6/1/2010	TCR
T0208	THE LAKEHOUSE	Warning of Administrative Order	10/18/2010	TCR
T0855	THE WILD GOOSE STORE LLC	Warning of Administrative Order	6/18/2010	TCR
T0852 SWTR/TCR	WHITE RIVER CAMPGROUND	Administrative Order	10/12/2010	