



**Arkansas
Department
of Health**

Drinking Water Program

Annual Report

Public Water System Supervision Program

Calendar Year 2014

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INTRODUCTION

Arkansas Land Use (2014 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 (2014 U. S. Census Bureau Estimate) 2,966,369

Population served by community public water systems	2,814,717
Population served by community surface water systems	1,815,014
Population served by community ground water systems	851,291
Population served by community ground & surface systems	148,412
% population served by community public water systems	94.9%
% population served by individual private wells or other source	5.1%

Total number of public water systems active during 2014 1071

Number of community public water systems	698
Number of transient non-community public water systems	324
Number of non-transient non-community public water systems	31
Number of non-public water systems (water systems inactivated in 2014)	18
Number of systems using surface water	407
Number of systems using ground water	628
Number of systems using ground & surface	36

The number of systems inactivated in 2014 (NP) are included in the above totals.

- Four (4) Community water systems (AR0000861, AR0000797, AR0000757).
- Fifteen (15) Transient non-community & Non-transient-non- community.

Total average daily water used by public water systems (estimate MGD) 437

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 2014. 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 and/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 Country, 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’s web site. The address is:
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 2014 for contaminants and rules not shown in the violation tables.
- There were 1071 public water systems in operation during 2014. Six hundred and ninety eight (698) were community water systems, thirty one (31) were non-transient, non-community water systems, and three hundred and twenty four (324) were transient non-community water systems and eighteen (18) systems were inactivated in 2014 and are now non-public.
- A total of two hundred and sixty eight (268) major monitoring violations occurred for public water systems during 2014. Sixty four (64) were for (48) community water systems, five (5) were for (4) non-transient, non-community water systems, one hundred and sixty eight (168) were for (84) transient non-community water systems, and thirty one (31) violations for fourteen (14) systems who were active in CY2014 but are now inactive and non-public.
- A total of three hundred and nine (309) Maximum Contaminant Level (MCL) or Treatment Technique (TT) violations were issued in 2014 for one hundred and thirty seven (137) systems. Two Hundred and fifty five (255) violations for (112) community water systems, nine (9) for (6) non-transient, non-community water systems, and nineteen (19) violations for (12) transient non-community water systems and twenty six (26) violations for seven (7) systems which were active in CY2014 but are now inactive and non-public.
- No variances or exemptions were issued to any public water system in Arkansas during the calendar year 2014.
- 98.1% of the public water systems in Arkansas did not have an organic (SOC, VOC, TTHM, HAA) MCL violation. All organic MCL violations were for the (TTHM, HAA5) analyte group.
- 100% of the public water systems in Arkansas did not have a nitrate MCL violation.
- 100% 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 two (2) inorganic chemical (MCL) violations at two (2) non-transient-non-community system whose source contains naturally occurring fluoride.
- 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	99.7%	98.3%	98.0%
Person months exposure	84515	559151	643666
Person months possible	33375912	33375912	33375912

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 (**violation reports for calendar year 2014**) on which the national Annual Compliance Report will be based (Frozen) and the Arkansas state drinking water program database, SDWIS/STATE (State).

There are no deviations between the Federal Frozen Database and Arkansas's SDWIS/STATE database for the 2014 calendar year reported violations which include.

Total Coliform Rule: (Violation Code 21 – Acute MCL Violation)
Total Coliform Rule: (Violation Code 22 – Non-Acute MCL Violation)
Total Coliform Rule: (Violation Code 23 – Major routine monitoring)
Total Coliform Rule (Violation Code 24 - Monitoring (TCR) Routine Minor)
Total Coliform Rule: (Violation Code 25 – Major follow up monitoring)
Total Coliform Rule: (Violation Code 26 – Monitoring (TCR), Repeat Minor)

Disinfectant / Disinfection By Products: MCL, Treatment Technique, and
Significant Monitoring/Reporting Violations.

Surface Water Treatment (SWTR / IESWTR/GWR): (Violation Code 36 – Filter Monitoring)
Surface Water Treatment (SWTR / IESWTR/GWR): (Violation Code 38 – Monitoring
Turbidity)
Surface Water Treatment (SWTR / IESWTR/GWR): (Violation Code 41 – Treatment
Techniques)
Surface Water Treatment (SWTR / IESWTR/GWR): (Violation Code 42 – Failure to filter)
Surface Water Treatment (SWTR / IESWTR/GWR): (Violation Code 43 – Treatment tech
>Turbidity 1 NTU)
Surface Water Treatment (SWTR / IESWTR/GWR): (Violation Code 44 – Treatment
>Turbidity 3 NTU)

Lead and Copper Rule: Violations codes 51, 52, 66, 58, 65

Radionuclide Rule: MCL violations

Consumer Confidence Reports and Public Notification: Violations codes - 71, 75

Public Notice Rule (PN): (Violation Code 75 – PN Violation for NPDWR violation)

VIOLATIONS TABLES: CHEMICAL CONTAMINANTS

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations T/C/N/P	Number of Systems with Violations T/C/N/P	Number of Violations	Number of Systems with Violations	Number of Violations T/C/N/P	Number of Systems With Violations T/C/N/P
Inorganic Contaminants								
Fluoride	1025	4.0	2/0/0/2	2/0/0/2			0	0
Arsenic	1005	10.0	0/0/0/0	0/0/0/0			0	0
Organic Contaminants			0/0/0/0	0/0/0/0			0	0
Subtotal			2/0/0/2	2/0/0/2			0	0

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations T/C/N/P	Number of Systems with Violations T/C/N/P	Number of Violations T/C/N/P	Number of Systems with Violations T/C/N/P	Number of Violations T/C/N/P	Number of Systems With Violations T/C/N/P
Disinfectants / Disinfection ByProducts								
Stage 1 DBPR	0400				121/120/0/1	21/20/0/1		
Stage 1 DBPR	0999						0/0/0/0	0/0/0/0
Chlorite	1009						0/0/0/0	0/0/0/0
Total Haloacetic Acids (HAA5)	2456	0.060	2/2/0/0	2/2/0/0				
Total Organic Carbon	2920				2/2/0/0	1/1/0/0		
Total Trhhalomethanes (TTHM)	2950	0.08	36/33/0/3	20/19/0/1				
Subtotal			38/35/0/3	22/21/0/1	123/122/0/0	22/21/0/1	0/0/0/0	0/0/0/0

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 T/C/N/P	Number of Systems with Violations T/C/N/P	Number of Violations	Number of Systems with Violations	Number of Violations T/C/N/P	Number of Systems With Violations T/C/N/P
Total Coliform Rule								
Acute MCL violation	21	Presence	1/1/0/0	1/1/0/0				
Non-Acute MCL violation	22	Presence	115/99/13/3	92/78/11/3				
Major routine monitoring	23						171/46/119/6	122/33/85/4
Major routine monitoring	24						70/39/29/2	59/34/24/1
Major follow up monitoring	25						11/1/8/2	10/1/8/1
Monitoring(TCR), Repeat Minor	26						4/0/4/0	4/0/4/0
Subtotal			116/100/13/3	93/79/11/3			256/86/160/10	195/68/121/6

VIOLATIONS TABLES: SURFACE WATER TREATMENT RULE(SWTR) / GROUND WATER RULE/INTERIM ENHANCED(SWTR)

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations	Number of Systems with Violations	Number of Violations T/C/N/P	Number of Systems with Violations T/C/N/P	Number of Violations T/C/N/P	Number of Systems With Violations T/C/N/P
Surface Water Treatment Rule								
<u>Filtered Systems</u>								
Monitoring, routine/repeat	36						24/3/21/0	8/3/5/0
Monitoring, routine/filter turbidity	38						14/1/13/0	6/1/5/0
Treatment techniques	41				9/6/2/1	7/5/1/1		
Failure to filter	42				4/0/4/0	1/0/1/0		
Treatment Tech > Turb 1 NTU	43				0/0/0/0	0/0/0/0		
Treatment Tech > Turb 3 NTU	44				1/1/0/0	1/1/0/0		
Subtotal					14/7/6/1	9/6/2/1	38/4/34/0	14/4/10/0

VIOLATIONS TABLES: LEAD & COPPER RULE

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations T/C/N/P	Number of Systems with Violations T/C/N/P	Number of Violations T/C/N/P	Number of Systems with Violations T/C/N/P	Number of Violations T/C/N/P	Number of Systems With Violations T/C/N/P
Lead and Copper Rule								
Initial lead and copper tap M/R	51						2/2/0/0	2/2/0/0
Follow-up or routine lead and copper tap M/R	52						18/18/0/0	12/12/0/0
Failure to Conduct Consumer Notice	66						12/11/0/1	9/8/0/1
Treatment Installation	58				0/0/0/0	0/0/0/0		
Public education	65				3/3/0/0	2/2/0/0		
Subtotal					3/3/0/0	2/2/0/0	32/31/0/1	23/22/0/1

VIOLATIONS TABLES: RADIONUCLIDES

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

CONSUMER NOTIFICATION: CONSUMER CONFIDENCE REPORTS / PUBLIC NOTIFICATION

	SDWIS Codes	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
			Number of violations T/C/N/P	Number of Systems with Violations T/C/N/P	Number of Violations	Number of Systems with Violations	Number of Violations T/C/N/P	Number of Systems With Violations T/C/N/P
Consumer Confidence Report	71						96/93/1/2	83/81/1/1
Consumer Confidence Report	72						97/94/1/2	76/74/1/1
Public Notification	75						186/78/106/2	94/33/59/2
Subtotal							379/265/108/6	253/188/61/4

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

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), non-transient non-community (such as schools or factories), or transient non-community systems (such as rest stops or parks). In this report, when the acronym “PWS”, is used, it means systems of all types unless otherwise specified.

Consumer Notification: Every community water system is required to deliver to its customers a brief annual water quality report called the Consumer Confidence Report (CCR). This report is to include some educational material, and will provide information on the source water, the levels of any detected contaminants, and compliance with drinking water regulations.

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].

Public Notice Violations: The Public Notification Rule requires all PWS to notify their consumers any time a PWS violated a national drinking water regulation or has a situation posing a risk to public health. Notices must be provided to persons served (not just billing consumers).

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 pCi/L. 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, 2014 PWS Annual Compliance Report, is January 1, 2014 through December 31, 2014.

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 141, 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 2014.

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 ADH's Engineering Section 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 (NOV) 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 (AO) will be issued to correct the deficiencies.

Phase 3: If the system has an additional violation within the 12 months following the WAO, an 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 FORMAL ENFORCEMENT ACTIONS

Following is a summary of the enforcement actions taken in 2014.

Community Public Water Systems

State Formal Notification of Violation (SFJ).....	21
Administrative Orders Issued (SFL).....	12
Proposed Penalties Issued (SFN).....	5
Penalties Suspended – Board of Health (SFO).....	0
Penalties Assessed – Bilateral Compliance Agreements (SFK).....	0
Penalties Assessed – Board of Health (SFM).....	4
Total Enforcement Actions for CWSs.....	42

Non-Transient Non-Community Systems

State Formal Notification of Violation (SFJ).....	2
Administrative Orders Issued (SFL).....	1
Proposed Penalties Issued (SFN).....	3
Penalties Suspended – Board of Health (SFO).....	0
Penalties Assessed – Bilateral Compliance Agreements (SFK).....	0
Penalties Assessed – Board of Health (SFM).....	1
Total Enforcement Actions for NTNC.....	6

Transient Non-Community Systems

State Formal Notification of Violation (SFJ).....	15
Administrative Orders Issued (SFL).....	4
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).....	1
Total Enforcement Actions for Transient NC.....	20

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.

The Engineering Section advertised for a new Request for Proposals as part of our Capacity Development Program efforts in early 2011 with contracts beginning in September 2011. The review process led to Arkansas Rural Water Association being awarded the Financial and Managerial and the Technical and Operational contracts to assist small public water systems achieve TMF capacity. The Section's goal was to provide more of a "hands on" approach with the Engineering Section's staff performing the assessments and the contractor performing system specific types of assistance and training. As part of our efforts, in 2014, Arkansas Rural Water Association assisted in 522 hours of technical assistance in the Financial and Managerial contract and 463 hours of technical assistance hours in the Technical and Operational contract. They participated in two Comprehensive Performance Evaluations. Some examples of direct assistance hours provided by the Contractors include rate studies, board member training, asset management plans, budgets, emergency response plans, on-site peer to peer training, new operator assistance with sampling plans and operations reports, leak detection and repairs, valve maintenance training, and assistance with water treatment problems.

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. The water system was also provided with a 24" by 36" laminated map of the distribution system for office use. In 2014, MRS completed 33 assessment reports, collected GPS data at 33 water systems, and installed and trained 33 water systems on the use of the GIS software.

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 New Mexico, Oklahoma, Louisiana, Texas, Missouri and Iowa, EPA Region 6 staff, EPA Technical Support Center Staff, and staff from Process Applications, Inc., an EPA contractor. During Calendar year 2014, 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 4 CPEs and provided plant specific technical assistance.

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 2014, there were approximately three hundred thirty (330) sanitary surveys performed. Two hundred twenty five (225) Sanitary Surveys were performed on the state's community water systems, Ninety Eight (98) Sanitary Surveys were performed on transient non-community water systems, seven (7) on non-transient non-community water systems. Ten (10) of these systems, all Non-Community, became inactive in 2014 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 ADH staff in compliance with the sanitary survey requirements of the Enhanced Surface Water Treatment Rule and Ground Water Rule. Significant deficiencies are obvious shortcomings that could directly affect water quality and require immediate attention by the owner. Under the ADH protocol developed, owners are notified verbally of the deficiency during the survey and again notified by certified 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 approximately 3650 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 2014 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 Program (SWAP)

The Source Water Assessment Program (SWAP), required by the Safe Drinking Water Act Amendments of 1996, was developed by the Department of Health and was submitted to and approved by the U.S. Environmental Protection Agency during calendar year 1999. In 2003, SWAP reports were produced for each public water system to serve as a management tool for implementing source protection activities. Initially, the SWAP Model 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 1500 drinking water sources in Arkansas. At the close of 2014, **1071** PWS systems serving 2,814,717 people were active in Arkansas. Nine (9) PWS reached substantial implementation status in 2014, with 375/698 community public water systems serving 1,816,304 people reaching substantial implementation status. This represents 53.7% of the community PWS and 64.5% of the population served in Arkansas.

The source water assessment program staff—2 geologists and 2 EHS— completed a total of five (5) Phase I Delineation Wellhead Protection (WHP) reports covering twenty (20) wells and four (4) Phase II Potential Sources of Contamination (PSOC) Inventory WHP reports covering forty five (45) wells were completed. In addition, Arkansas Rural Water Association source water protection staff completed three (3) source water protection plans covering surface water sources with 112 PSOC maps created by ADH. In 2014, through a technical services contract, Magnolia River Engineering collected PSOC points using mobile GIS for 138 public water sources for 53 different PWS. Data has been post-processed and PSOC maps are in production. We anticipate completing the Phase 2 inventory reports on the contract PSOC data in 2015 and 2016.

SWAP staff provided nine (9) source water protection presentations, wrote seven (7) newsletter articles, and managed nine (9) information booths on source water protection on twenty three (23) occasions, participated with other agencies regarding source protection fifty four (54) times, disseminated source water assessment reports (18) or technical assistance to public water suppliers (144), performed sixteen (16) public water supply well recommendations, reviewed drill cuttings for six (6) wells, and conducted 964 miscellaneous environmental permit reviews, including 33 AOGC Form 36 UIC evaluations and 8 additional UIC comment letters. Additional activities conducted included screening and responding to requestors for SWAP GIS data, providing information on hydrogeology and associated technical support for PWS, adoption of drinking water protection ordinances to local governments, performing proximity analyses, and reviewing and commenting on a variety of construction and environmental projects that have the potential to impact public water supply sources in the state.

Collection and verification of data necessary for accurate and improved source water assessments has been ongoing since inception in 2003. SWPP staff continued to

maintain the existing source water assessment GIS database in 2014. USGS completed a two year contract to update SWAP and restore functionality to the Model in summer of 2014. SWPP staff began filling data gaps and beta testing the SWAP Model during the latter part of 2014. Reissuance of SWAP reports will begin in 2015, with priority given to new sources. USGS began the final year of a 3 yr. technical service contract to provide an interactive map of the Ozark Aquifer System by July 1, 2015. This year USGS began a one year karst inventory for northern Arkansas under a technical service contract. SWPP staff is already utilizing the karst inventory, and earlier karst/lineament geo-database and portions of the USGS Ozark framework to improve accuracy of well recommendations and other technical support for PWS.

Cross-Connection Control Program

Long term approximately ninety eight (98) percent of the community water systems surveyed have at least a partial Cross Connection Control Program (CCCP) and approximately 1/3 of the community water systems 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.

During 2014, the cross-connection control engineer made sixty seven (67) cross-connection program surveys at water utilities. Of these utilities, two (2) systems had no cross connection control program at all and fifteen (15) systems have a 100% complete program. Two (2) 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. He attended all four board meetings and taught three (3) classes

Comprehensive Performance Evaluations

A total of four (3), Comprehensive Performance Evaluations (CPE) were conducted during calendar year 2014. A 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 three (3) CPE's per calendar year. In calendar year 2014, CPE's were conducted at the Mountain Home, Kimzey (Bismarck Plant), and Central Arkansas Water (Wilson Plant) water systems. Additionally, staff participated in a Multi-State CPE in Las Vegas, New Mexico along with staff from the other Region 6 AWOP states.

Microbial / Disinfection Byproduct Rules Programs

The Arkansas Department of Health (ADH) has been providing early implementation activities for the LT2ESWTR, Stage 2 DBPR, and GWR. Compliance assistance efforts for the calendar year 2014 in these areas include the following:

Long Term 2 Enhanced Surface Water Treatment Rule: As part of early implementation strategies for large and small systems, the first round of source monitoring for Cryptosporidium and E. coli has been completed. All seven of the Bin 2 Systems (4 large and 3 small) are obtaining 1.0-log of credit by documenting treatment performance in their combined filter and individual filters. To date, one system had a maintenance problem and did not meet the minimum treatment requirements to obtain the 1.0-log of Cryptosporidium monthly inactivation credit for one month, per the LT2ESWTR.

We began the second round of source monitoring for Cryptosporidium and E. coli for large systems in July 2014 (early). Training for the second round was provided at various locations throughout Arkansas. Eleven (11) large systems (18 sources) are currently being monitored for Cryptosporidium and E. coli and the remaining 16 large systems (20 sources) will begin monitoring in July 2016. There are 64 water systems with 75 sources (less than 10,000 populations) that will begin Round 2 monitoring for E coli in January 2015. Grading for monitoring and reporting requirements will be conducted monthly for 24 months for each system monitored. To date there have not been any violations issued for failure to conduct source monitoring for Cryptosporidium or E. coli. 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 second round of source monitoring will continue into year 2020. Analyses of large system samples continue to be outsourced to IEH-BioVir Laboratories for E. coli and Cryptosporidium. E. coli samples for small systems will be analyzed in-house by the Arkansas Public Health Laboratory.

Stage 2 Disinfectants and Disinfection By Products Rule: As part of continued implementation strategies, TTHM and HAA5 monitoring plans were updated and approved as needed for all non-transient non-community water systems. Twenty Seven (27) water systems with results exceeding 80 ppb for TTHM and/or 60 ppb HAA5 were placed on increased monitoring. All of the Capital Improvement extensions granted under Stage 2 are now over and all systems are being monitored for compliance. Arkansas continued using the disinfection by-product and treatment technique calculation reports and monitoring plans format and continued the operational evaluation level (OEL) report State review policy and tools, which began in 2013. A total of 44 OEL exceedance notifications were issued in calendar year 2014. Twenty-five (25) OEL reports were received in calendar year 2014.

Ground Water Rule: The ADH began implementation of the GWR in December 2009. During the calendar year 2014, nineteen (19) 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. No systems were issued violations for failure to maintain CT. 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 2014 calendar year. From this subset of systems approximately 230 routine distribution system samples tested total

coliform positive and triggered source water monitoring. A total of five (5) system sources tested *E. coli* positive and required additional raw water *E. coli* monitoring. None of the systems had confirmed *E. coli* positive samples as a result of the additional monitoring. A total of zero (0) violations were issued for failure to meet State designated interim measures. A total of 123 groundwater consecutive systems were tracked monthly to assure their special GWR compliance criteria.

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 are generally 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 receiving other technical assistance related to disinfection byproducts in 2014 were; Airport Road, Chicot Junction, Lake Chicot, Lake Village, Magazine, Mayflower, and Montgomery County. This technical assistance includes but is not limited to tank studies, monitoring plan updates, disinfection by-product related performance based training, chlorine control, total organic carbon treatment technique optimization through jar testing and pilot studies, and water system inspections.

Area Wide Optimization Program related activities, discussed elsewhere in this report, include Comprehensive Performance Evaluations, Comprehensive Technical Assistance, and quarterly and annual AWOP meetings. Systems involved in AWOP activities in addition to those systems listed under disinfection byproduct technical assistance above: Mountain Home, Kimzey, Texarkana, Cushman, Danville, Siloam Springs, Yellville, and Central Arkansas Water.

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 2014, summer interns checked the calibration of 207 turbidimeters, 0 pH meters, and 67 chlorine analyzers at 39 surface water treatment plants. Only 82% of the turbidimeters and 90% of the chlorine analyzers were found to be in calibration. The summer intern did initially check pH meters, but we had multiple problems with the ADH pH meters, decided that data we were collecting were questionable in accuracy and should not be used. All pH data collected were invalidated. While we did find one bad probe, we had multiple pH meters and probes that would calibrate and appear to work accurately in our lab, but would not calibrate in the field. As an example, a pH meter would be calibrated with pH 7 and pH 10 buffers in the lab and if the probe was moved back and forth among the buffers, the readings would be close to 7 or 10. Then the next day in the field, the same meter and probe would be calibrated with pH 7 and pH 10 buffers, but would then read the pH 7 buffer anywhere from 5.0 to 8.5. The following week, the same meter and probe would work perfectly in the lab.

In addition, the intern reviewed the bacteriological sample data and GIS system data for 186 water systems and had the following findings:

- 27 systems had water mains extending outside of the service area mapped in the GIS system.
- 14 systems had significant service areas mapped with no water mains in parts of the service area.
- 17 systems had bacteriological sample sites located outside of the mapped service area.
- 83 systems did not have good bacteriological sample site coverage of the mapped service area.
- 96 systems were not using sample sites that adequately covered the mapped service area. There is clear tendency among system operators to use sites that are close or convenient and to not use the more distant sample sites.
- 276 samples sites were in use, but not mapped in the GIS system.

Water Operator Licensing and Training

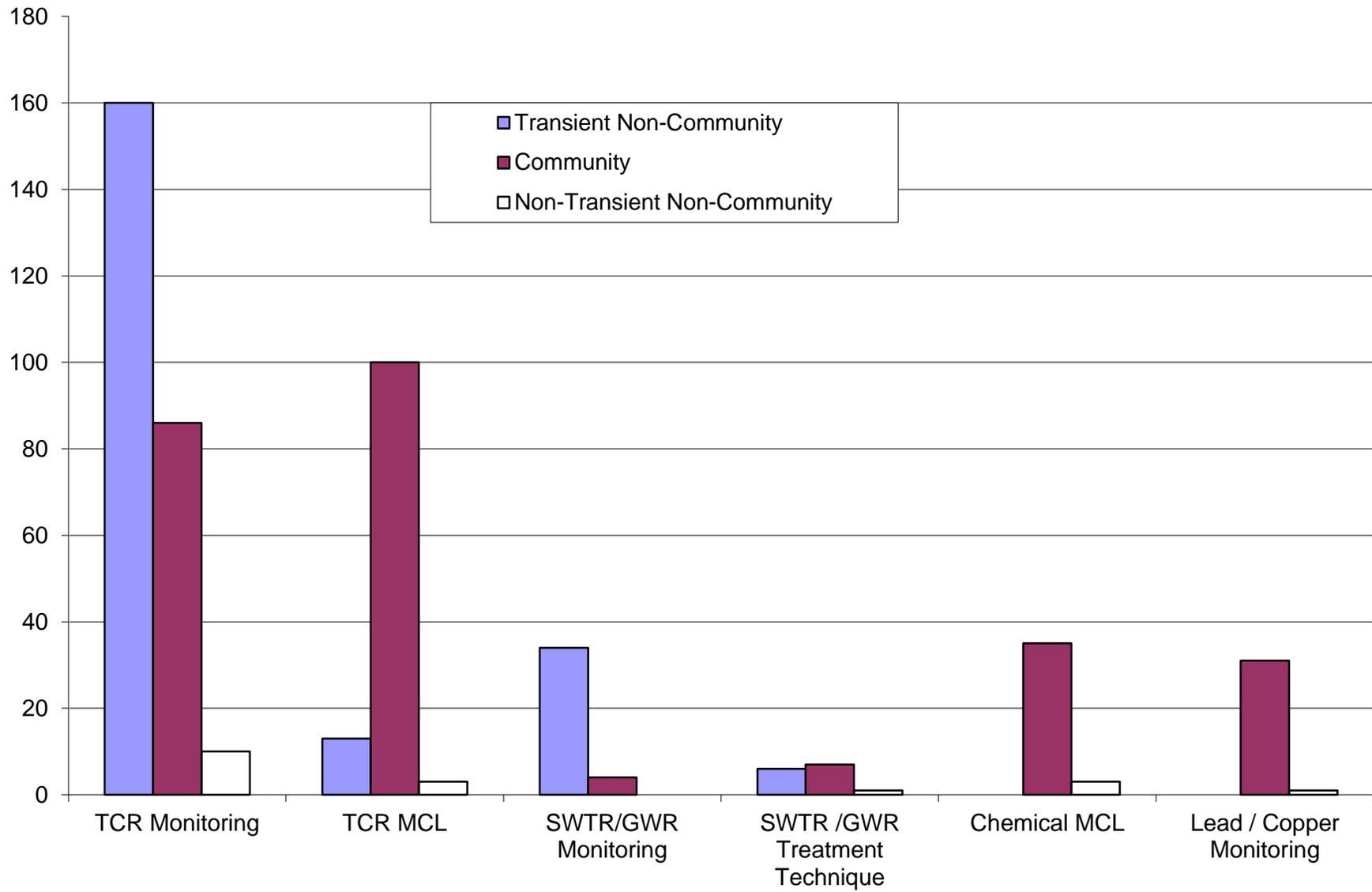
The purpose of licensing and training water operators is to ensure that all public water systems in the State of Arkansas are maintained by personnel who have shown their competence and knowledge of the public health and scientific principles necessary to produce and deliver adequate quantities of water 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 9 courses range from 8 to 24 hours in length with total hours ranging from 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 43 classroom courses in calendar 2014, with no SRF Capacity Development Set Aside funded courses. In addition, they conducted 24 internet based mandatory training courses in calendar year 2014. The Arkansas Rural Water Association provided 29 courses in calendar year 2014, with no SRF funded courses. 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 12 times in calendar year 2014. A total of 123 mandatory training sessions were offered by the three approved training organizations in calendar year 2014. This represents a 15% loss in courses offered due to the loss of SRF Set-Aside funds utilized to replace the lost OpCert Grant funds. The loss of these funds is causing greater reductions in 2015 training levels. Training levels may be further reduced in 2016.

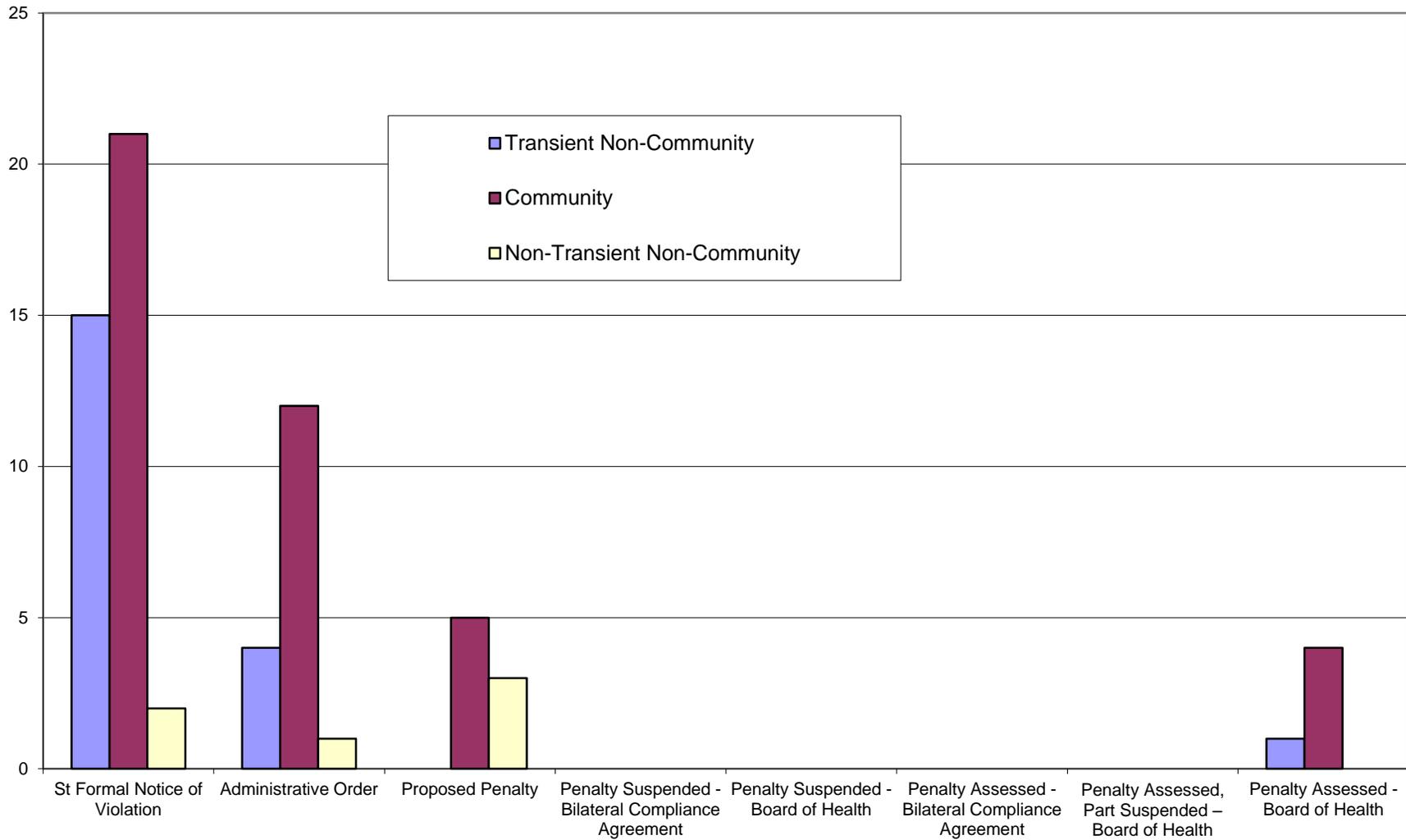
A large number of approved general and specialized training courses are provided to assist licensed operator in meeting their continuing education requirements for license renewal. The courses are offered through conferences, general meetings, and workshops, and are provided by the Arkansas Water Works and Water Environment Association and its local training districts, the Arkansas Rural Water Association; the Arkansas Environmental Academy; the Arkansas Water and Wastewater Managers Association and the Arkansas Department of Health. Various other industry groups and private vendors offer a large array of other relevant training to water operators.

In calendar year 2014, approximately 419 water operator license exams were administered, 175 water operator licenses were issued, and 69 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 2259 active licensed water operators at the end of calendar year 2014. They held 3306 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

PWS ID	System Name	SDWIS Code	Violation Date	Retail population
884	HOSANNA HEIGHTS WATER	21	9/1/2014	39

Appendix B - Microbiological Maximum Contaminant Level Violations

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
315	ADC - CUMMINS UNIT MAINT	22	1/1/2014	3800
315	ADC - CUMMINS UNIT MAINT	22	9/1/2014	3800
721	AURELLE WATER SYSTEM	22	11/1/2014	296
721	AURELLE WATER SYSTEM	22	12/1/2014	296
622	BATTS-LAPILE WATER ASSOCIATION	22	6/1/2014	635
262	BEEDEVILLE WATER WORKS	22	10/1/2014	113
059	BELLEFONTE WATER	22	8/1/2014	455
519	BEN LOMOND WATERWORKS	22	11/1/2014	156
899	BENTON COUNTY WATER AUTHORITY4	22	5/1/2014	520
871	BENTON-WASHINGTON REGIONAL PWA	22	12/1/2014	17
476	BIGGERS WATERWORKS	22	6/1/2014	378
014	BOYDELL WATER ASSOCIATION	22	1/1/2014	133
014	BOYDELL WATER ASSOCIATION	22	6/1/2014	133
014	BOYDELL WATER ASSOCIATION	22	7/1/2014	133
653	BRANCH WATER WORKS	22	8/1/2014	480
653	BRANCH WATER WORKS	22	10/1/2014	480
486	BRYANT WATERWORKS	22	7/1/2014	19070
551	CALION WATER WORKS	22	8/1/2014	492
503	CENTRAL PUBLIC WATER AUTHORITY	22	11/1/2014	1235
789	CHERRY HILL PUBLIC FACILITY BD	22	11/1/2014	1314
596	COTTON PLANT WATERWORKS	22	8/1/2014	1181
596	COTTON PLANT WATERWORKS	22	9/1/2014	1181
685	DEER RUN WATER COMPANY	22	4/1/2014	117
670	DEER WATER ASSOCIATION	22	6/1/2014	882
367	DELL WATERWORKS	22	10/1/2014	1236
199	DENNING WATERWORKS	22	3/1/2014	588
199	DENNING WATERWORKS	22	5/1/2014	588
082	DERMOTT WATERWORKS	22	1/1/2014	3228
444	DOVER WATERWORKS	22	8/1/2014	1800
111	EMERSON WATERWORKS	22	8/1/2014	1158
545	FELSENTHAL WATER AND SEWER	22	5/1/2014	620
257	FRANKLIN WATERWORKS	22	10/1/2014	243
516	GILLHAM WATERWORKS	22	7/1/2014	300

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Appendix B

Appendix B - Microbiological Maximum Contaminant Level Violations

PWS ID	System Name		Retail population served
738	GRAND PRAIRIE REGIONAL WATER	22	13500
738	GRAND PRAIRIE REGIONAL WATER	22	13500
402	HARMONY GROVE WATER ASSOC	22	2303
151	Horseshoe Lake Utilities	22	734
884	HOSANNA HEIGHTS WATER	22	39
010	HUMPHREY WATERWORKS	22	557
466	JACKSONVILLE WATERWORKS	22	28364
640	JOHNSON TOWNSHIP WATER ASSOC	22	813
640	JOHNSON TOWNSHIP WATER ASSOC	22	813
869	KINGWOOD MHP	22	62
869	KINGWOOD MHP	22	62
081	LAKE VILLAGE WATERWORKS	22	2735
822	LAKESIDE WATER ASSOCIATION	22	1987
822	LAKESIDE WATER ASSOCIATION	22	1987
793	LAURELWOOD HOMEOWNERS ASSOCIATION	22	90
793	LAURELWOOD HOMEOWNERS ASSOCIATION	22	90
793	LAURELWOOD HOMEOWNERS ASSOCIATION	22	90
510	LAVACA WATERWORKS	22	3428
688	LAWRENCE CO REG WATER DIST	22	6894
747	LEISURE HILLS MOBILE HOME PARK	22	117
572	LINCOLN WATERWORKS	22	6209
001	MARYSVILLE WATER ASSOCIATION	22	738
118	MENIFEE WATER DEPARTMENT	22	435
951	MONTGOMERY CO REGIONAL PWA	22	3
020	MONTROSE WATERWORKS	22	391
020	MONTROSE WATERWORKS	22	391
025	MOUNTAIN HOME WATERWORKS	22	16079
867	N GARLAND CO REG WATER DIST	22	6455
856	NAIL-SWAIN WATER ASSOCIATION	22	604
557	NEW LONDON WATER ASSOCIATION	22	868
557	NEW LONDON WATER ASSOCIATION	22	868
557	NEW LONDON WATER ASSOCIATION	22	868
331	NORTH CARBON CITY WATER ASSOC	22	113
725	NORTH PULASKI PFB	22	11148
247	OIL TROUGH WATERWORKS	22	284

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Appendix B

Appendix B - Microbiological Maximum Contaminant Level Violations

PWS ID	System Name			Retail population served
019	PARKDALE WATERWORKS	22	5/1/2014	288
160	PARKIN WATERWORKS	22	9/1/2014	988
623	PERLA WATER ASSOCIATION	22	10/1/2014	1900
413	PERRYVILLE WATERWORKS	22	7/1/2014	2112
605	PLAINVIEW WATER DEPARTMENT	22	10/1/2014	1063
573	PRAIRIE GROVE WATERWORKS	22	9/1/2014	4900
561	QUINN WATER ASSOCIATION	22	6/1/2014	751
561	QUINN WATER ASSOCIATION	22	12/1/2014	751
495	SOUTHWEST WATER ASSOCIATION	22	9/1/2014	7140
166	SPARKMAN WATERWORKS	22	3/1/2014	1357
094	ST FRANCIS WATER SYSTEM	22	7/1/2014	235
318	STAR CITY WATER WATERWORKS	22	4/1/2014	2842
318	STAR CITY WATER WATERWORKS	22	8/1/2014	2842
318	STAR CITY WATER WATERWORKS	22	9/1/2014	2842
307	STRAWBERRY WATERWORKS	22	3/1/2014	903
556	STRONG WATERWORKS	22	11/1/2014	899
556	STRONG WATERWORKS	22	12/1/2014	899
114	TAYLOR WATERWORKS	22	8/1/2014	655
072	THORNTON WATERWORKS	22	7/1/2014	917
579	TUMBLING SHOALS WATER ASSOC	22	6/1/2014	4890
195	VILONIA WATERWORKS	22	6/1/2014	23177
498	WALDRON WATERWORKS	22	7/1/2014	4077
116	WALKER WATER ASSOCIATION	22	9/1/2014	1183
639	WALKERVILLE WATER ASSOCIATION	22	6/1/2014	535
1133	WARD MOBILE HOME PARK	22	10/1/2014	63
1133	WARD MOBILE HOME PARK	22	12/1/2014	63
174	WATSON WATERWORKS	22	6/1/2014	321
156	WEST MEMPHIS WATERWORKS	22	10/1/2014	28000
806	WIEDERKEHR VILLAGE WATER DEPT	22	3/1/2014	77
529	WILLIFORD WATERWORKS	22	9/1/2014	105
321	WILTON WATERWORKS	22	9/1/2014	374

Appendix B - Microbiological Maximum Contaminant Level Violations

PWS type: N

PWS ID	System Name			Retail population served
T1070	Benny's Country Store	22	11/1/2014	44
T0083	BOGG SPRINGS BAPTIST CAMP	22	7/1/2014	800
T0885	BOLL WEEVIL	22	1/1/2014	300
T1083	BRADY MOUNTAIN RESORT & MARINA	22	6/1/2014	1000
T1095	CATALPA GENERAL STORE	22	4/1/2014	30
T0231	GASTON'S WHITE RIVER RESORT	22	7/1/2014	550
T0414	PARKWAY TRAVEL PARK	22	1/1/2014	30
T0469	RIVERVIEW MOTEL	22	5/1/2014	25
T0550	THREE OAKS RESORT	22	7/1/2014	40
T0788	USFS HORSEHEAD BATHHOUSE	22	8/1/2014	25
T0788	USFS HORSEHEAD BATHHOUSE	22	9/1/2014	25
T0788	USFS HORSEHEAD BATHHOUSE	22	10/1/2014	25
T0806	USFS REDDING	22	10/1/2014	25

PWS type: P

T0045	ARK ST PARK-QUEEN WILHELMENA	22	7/1/2014	203
N0088	THE GREAT PASSION PLAY	22	8/1/2014	825
N0228	WILSON GUN SHOP INC	22	7/1/2014	35

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Appendix B

Appendix C - Microbiological Monitoring - No Valid Samples

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
006	ALMYRA WATERWORKS	23	10/1/2014	406
006	ALMYRA WATERWORKS	23	11/1/2014	406
790	AR DEPT OF CORRECTION IZARD CO	23	9/1/2014	800
519	BEN LOMOND WATERWORKS	23	5/1/2014	156
543	BEULAH GROVE WATER ASSOCIATION	23	3/1/2014	87
543	BEULAH GROVE WATER ASSOCIATION	23	4/1/2014	87
543	BEULAH GROVE WATER ASSOCIATION	23	5/1/2014	87
543	BEULAH GROVE WATER ASSOCIATION	23	6/1/2014	87
543	BEULAH GROVE WATER ASSOCIATION	23	7/1/2014	87
543	BEULAH GROVE WATER ASSOCIATION	23	8/1/2014	87
543	BEULAH GROVE WATER ASSOCIATION	23	9/1/2014	87
543	BEULAH GROVE WATER ASSOCIATION	23	10/1/2014	87
543	BEULAH GROVE WATER ASSOCIATION	23	11/1/2014	87
302	BLACK ROCK WATERWORKS	23	9/1/2014	663
014	BOYDELL WATER ASSOCIATION	23	2/1/2014	133
223	BRECKENRIDGE UNION WATER ASSOC	23	10/1/2014	1316
919	CALHOUN COUNTY WATER ASSN	23	2/1/2014	1553
620	COTTONSHED WATERWORKS	23	10/1/2014	72
418	ELAINE WATERWORKS	23	3/1/2014	1673
046	FIFTY SIX WATERWORKS	23	1/1/2014	595
154	GILMORE WATERWORKS	23	5/1/2014	258
154	GILMORE WATERWORKS	23	8/1/2014	258
097	GREENWAY WATERWORKS	23	1/1/2014	322
087	GURDON WATERWORKS	23	5/1/2014	3215
506	HARTFORD WATERWORKS	23	2/1/2014	655
506	HARTFORD WATERWORKS	23	8/1/2014	655
344	HUMNOKE WATERWORKS	23	11/1/2014	331
640	JOHNSON TOWNSHIP WATER ASSOC	23	9/1/2014	813
168	KELSO-ROHWER WATER ASSOCIATION	23	4/1/2014	555
080	LAKE CHICOT WATER ASSOCIATION	23	9/1/2014	2038
063	LEAD HILL WATERWORKS	23	8/1/2014	495
517	LOCKESBURG WATERWORKS	23	2/1/2014	725
354	PYATT WATERWORKS	23	9/1/2014	225
389	ROE WATERWORKS	23	1/1/2014	114
318	STAR CITY WATER WATERWORKS	23	6/1/2014	2842
405	STEPHENS WATERWORKS	23	8/1/2014	1259
355	SUMMIT WATERWORKS	23	1/1/2014	604
283	WABBASEKA WATERWORKS	23	11/1/2014	352
116	WALKER WATER ASSOCIATION	23	11/1/2014	1183
174	WATSON WATERWORKS	23	2/1/2014	321
174	WATSON WATERWORKS	23	5/1/2014	321
804	WHELEN SPRINGS WATER DEPT	23	5/1/2014	500
538	WIDENER WATERWORKS	23	5/1/2014	692
321	WILTON WATERWORKS	23	1/1/2014	374
321	WILTON WATERWORKS	23	8/1/2014	374
642	WINTHROP WATER ASSOCIATION	23	11/1/2014	410

Appendix C - Microbiological Monitoring - No Valid Samples

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
T0269	CORNER CAFÉ & DAIRY BAR	23	8/1/2014	25
T0323	101 Great American Diner	23	1/1/2014	32
T0323	101 Great American Diner	23	4/1/2014	32
T0323	101 Great American Diner	23	8/1/2014	32
T0323	101 Great American Diner	23	9/1/2014	32
T0323	101 Great American Diner	23	12/1/2014	32
T1092	101 NORTH RESORT	23	11/1/2014	50
T1092	101 NORTH RESORT	23	12/1/2014	50
T0171	ANGLERS GRILL	23	11/1/2014	50
960	ANTIOCH CHURCH	23	10/1/2014	75
T1086	BEAR CREEK COUNTRY STORE	23	1/1/2014	50
T1086	BEAR CREEK COUNTRY STORE	23	9/1/2014	50
T0079	BLUE LADY RESORT	23	4/1/2014	45
T0079	BLUE LADY RESORT	23	5/1/2014	45
T0079	BLUE LADY RESORT	23	6/1/2014	45
T0079	BLUE LADY RESORT	23	7/1/2014	45
T1083	BRADY MOUNTAIN RESORT & MARINA	23	12/1/2014	1000
988	Brentwood Rest Area WVM	23	9/1/2014	30
T0102	BYRD'S ADVENTURE CENTER, INC.	23	8/1/2014	25
T0557	CAMP TRADING POST	23	5/1/2014	25
T0557	CAMP TRADING POST	23	9/1/2014	25
1104	CEDAR CREEK EDIBLES	23	9/1/2014	25
1104	CEDAR CREEK EDIBLES	23	11/1/2014	25
931	CEDAR RIDGE COUNTRY CUPBOARD	23	7/1/2014	25
931	CEDAR RIDGE COUNTRY CUPBOARD	23	8/1/2014	25
938	CHRISTIAN LIFE CHURCH OF NW AR	23	8/1/2014	50
T1103	CLOUD 9 RV PARK	23	12/1/2014	50
N0186	CULLIGAN WATER CONDITIONING	23	2/1/2014	30
1041	CUZN OZARK FOODS	23	2/1/2014	30
1136	ELVE'S CANDY COMPANY	23	3/1/2014	25
T0215	FISH FIDDLE RESORT	23	6/1/2014	50
T0563	FREEDOM RV PARK	23	7/1/2014	25
T0563	FREEDOM RV PARK	23	9/1/2014	25
T0563	FREEDOM RV PARK	23	11/1/2014	25
T0563	FREEDOM RV PARK	23	12/1/2014	25
T0932	GASKINS CABIN STEAKHOUSE	23	11/1/2014	75
972	GENERAL WATER CONDITIONING	23	1/1/2014	30
972	GENERAL WATER CONDITIONING	23	9/1/2014	30
1079	GLACIER 42175 HARRISON	23	11/1/2014	30
1109	GLACIER ELMWOOD EXPRESS	23	12/1/2014	30
1168	GLACIER FAMD7888 SPRINGDALE	23	1/1/2014	30
1045	GLACIER FOOD GIANT 19 FC	23	1/1/2014	80
1099	GLACIER FTRAX4451 SPRINGDALE	23	1/1/2014	30
1172	GLACIER HILLBILLY U-PUMP	23	1/1/2014	30
1124	GLACIER HM1 SPRINGDALE	23	1/1/2014	30
1084	GLACIER MERC101 SPRINGDALE	23	12/1/2014	30
1115	GLACIER SNAP22 CALICO ROCK	23	1/1/2014	30
1126	GLACIER WATER CIRCLE K0030 MOUNTAIN	23	1/1/2014	30

PWS ID	System Name		Retail population served	
1161	GLACIER WATER FAMD3377 FT. SMITH	23	1/1/2014	30
1165	GLACIER WATER FAMD4372 RODGERS	23	1/1/2014	30
1162	GLACIER WATER FAMD8571 FT. SMITH	23	1/1/2014	30
1053	GLACIER WATER THRIFTWAY FOOD	23	1/1/2014	30
T0611	H K THATCHER LOCK AND DAM	23	10/1/2014	25
T0611	H K THATCHER LOCK AND DAM	23	11/1/2014	25
T0258	HOLIDAY HILLS RESORT	23	4/1/2014	150
T0258	HOLIDAY HILLS RESORT	23	8/1/2014	150
T0244	HOLLER BACK GROCERY & FEED	23	4/1/2014	25
T1052	HORIZON-LAKEVIEW RESTAURANT	23	7/1/2014	30
T0332	HOUSE OF BLESSINGS	23	7/1/2014	60
T0332	HOUSE OF BLESSINGS	23	8/1/2014	60
T0308	KOA CAMPGROUND STORE	23	4/1/2014	40
T0164	LANGLEY SCHOOL RV PARK	23	5/1/2014	40
T0326	LESTER FLATT MEMORIAL PARK	23	7/1/2014	70
T0870	MILLWOOD LANDING GOLF & RV RESORT	23	11/1/2014	125
T0426	PIER 27	23	2/1/2014	25
N0145	PRIMO REFILL LLC CONWAY WAL-MART005	23	5/1/2014	30
1066	PRIMO REFILL LLC HARPS124 FAYETTEVILLE	23	6/1/2014	30
1066	PRIMO REFILL LLC HARPS124 FAYETTEVILLE	23	7/1/2014	30
N0229	PRIMO REFILL LLC MK3479 ROGERS	23	6/1/2014	30
1068	PRIMO REFILL LLC NMKT5738 SPRINGDALE	23	8/1/2014	30
N0168	PRIMO REFILL LLC SPRINGDALE WAL-MA54	23	6/1/2014	60
N0230	PRIMO REFILL LLC WMSC0011 MT HOME	23	2/1/2014	30
N0230	PRIMO REFILL LLC WMSC0011 MT HOME	23	6/1/2014	30
N0230	PRIMO REFILL LLC WMSC0011 MT HOME	23	11/1/2014	30
N0233	PRIMO REFILL LLC WMSC0066 CLARKSVILL	23	5/1/2014	30
911	PRIMO REFILL LLC WMSC0068 WYNNE	23	4/1/2014	30
1011	PRIMO REFILL LLC WMSC0133 Ashdown	23	9/1/2014	30
944	PRIMO REFILL LLC WMSC1147 FLIPPIN	23	2/1/2014	30
1179	PRIMO REFILL LLC WMSC3168 CONWAY	23	5/1/2014	30
918	PRIMO REFILL LLC WMSC3331 PINE BLUFF	23	5/1/2014	30
N0166	PRIMO REFILL LLCASH FLAT WAL-MT160	23	6/1/2014	30
N0159	PRIMO REFILL LLCBERRYVILLE WAL-MT76	23	6/1/2014	30
N0159	PRIMO REFILL LLCBERRYVILLE WAL-MT76	23	7/1/2014	30
N0200	PRIMO REFILL LLCCONWAY WALMART 2575	23	5/1/2014	80
N0202	PRIMO REFILL LLCCHARP'S 119 SPRINGDALE	23	7/1/2014	30
N0202	PRIMO REFILL LLCCHARP'S 119 SPRINGDALE	23	8/1/2014	30
N0212	PRIMO REFILL LLCCHARP'S 135 MOUNTAIN	23	2/1/2014	30
N0175	PRIMO REFILL LLCJONESBORO WAL-M128	23	11/1/2014	30
N0223	PRIMO REFILL LLCNMKT2742 SPRINGDALE	23	6/1/2014	80
N0157	PRIMO REFILL LLCROGERS WAL-MART 01	23	11/1/2014	30
N0152	PRIMO REFILL LLCW HELENA WAL-MA714	23	3/1/2014	30
T0469	RIVERVIEW MOTEL	23	10/1/2014	25
T1097	ROOST YOUR WHEELS	23	9/1/2014	120
928	SADDLER FALLS RESORT	23	8/1/2014	30
T1067	SHEPHERD OF THE OZARKS	23	1/1/2014	30
N0094	SHOOTING STAR BEVERAGES	23	10/1/2014	30
T0399	STATION ONE	23	2/1/2014	50
T0399	STATION ONE	23	9/1/2014	50
T0399	STATION ONE	23	11/1/2014	50
T0524	SUNRISE POINT RESORT	23	9/1/2014	76
T0524	SUNRISE POINT RESORT	23	11/1/2014	76

PWS ID	System Name		Retail population served	
T0526	SUPPLY COUNTRY STORE	23	4/1/2014	150
1047	T & T DOLLAR STORE FS	23	1/1/2014	30
1047	T & T DOLLAR STORE FS	23	11/1/2014	30
1010	Taylor Jam	23	3/1/2014	25
T1108	THE ROADHOUSE	23	1/1/2014	50
T0550	THREE OAKS RESORT	23	4/1/2014	40
T0550	THREE OAKS RESORT	23	5/1/2014	40
T0588	USCOE BSWP109 TUCKER HOLLOW	23	8/1/2014	40
T0612	USCOE DG ALPINE RIDGE	23	11/1/2014	25
T0620	USCOE DG LOWER LAKE	23	11/1/2014	25
T0682	USCOE MIP5 COTTONSHED	23	2/1/2014	25
T0682	USCOE MIP5 COTTONSHED	23	4/1/2014	25
T0682	USCOE MIP5 COTTONSHED	23	5/1/2014	25
T1053	USCOE NF HOWARD COVE	23	7/1/2014	100
T1053	USCOE NF HOWARD COVE	23	8/1/2014	100
T1053	USCOE NF HOWARD COVE	23	11/1/2014	100
T0852	WHITE RIVER CAMPGROUND	23	5/1/2014	250
T0852	WHITE RIVER CAMPGROUND	23	6/1/2014	250

PWS type: P

T1110	ARK STATE PARK MT MAGAZINE	23	5/1/2014	128
N0014	BRUNO PYATT SCHOOL	23	9/1/2014	300
N0032	Evergreen Packaging INC, Pine Bluff	23	8/1/2014	1060
N0134	NSC INTERNATIONAL	23	6/1/2014	2
N0134	NSC INTERNATIONAL	23	8/1/2014	2
N0134	NSC INTERNATIONAL	23	11/1/2014	2

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Appendix C

Appendix D - Microbiological Monitoring - No resamples of Positive Samples

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
102	LOCUST BAYOU WATER ASSOCIATION	25	5/1/2014	520

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
960	ANTIOCH CHURCH	25	11/1/2014	75
1041	CUZN OZARK FOODS	25	5/1/2014	30
T0332	HOUSE OF BLESSINGS	25	9/1/2014	60
T0313	LAKE NORFORK INN	25	3/1/2014	25
T0326	LESTER FLATT MEMORIAL PARK	25	9/1/2014	70
T0426	PIER 27	25	1/1/2014	25
1047	T & T DOLLAR STORE FS	25	12/1/2014	30
T0852	WHITE RIVER CAMPGROUND	25	9/1/2014	250

PWS type: P

731	BIGGERS BLUFF DEVELOPMENT	25	7/1/2014	214
731	BIGGERS BLUFF DEVELOPMENT	25	8/1/2014	214

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Appendix D

Appendix E - Surface Water Treatment Rule Monitoring

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
144	ALMA WATERWORKS	36	9/1/2014	5745
088	AMITY WATERWORKS	36	12/1/2014	772
003	CALICO ROCK	36	4/1/2014	2043

PWS type: N

N0074	ASHLEY MINERAL SPRING	36	11/1/2014	25
1155	BLUE BELL CAFE	36	1/1/2014	25
1155	BLUE BELL CAFE	36	2/1/2014	25
1155	BLUE BELL CAFE	36	3/1/2014	25
1155	BLUE BELL CAFE	36	4/1/2014	25
1155	BLUE BELL CAFE	36	5/1/2014	25
1155	BLUE BELL CAFE	36	6/1/2014	25
1155	BLUE BELL CAFE	36	7/1/2014	25
1155	BLUE BELL CAFE	36	8/1/2014	25
1155	BLUE BELL CAFE	36	9/1/2014	25
1155	BLUE BELL CAFE	36	10/1/2014	25
1155	BLUE BELL CAFE	36	11/1/2014	25
1018	Parthenon Church of God	36	8/1/2014	35
1018	Parthenon Church of God	36	10/1/2014	35
T0524	SUNRISE POINT RESORT	36	3/1/2014	76
T0524	SUNRISE POINT RESORT	36	8/1/2014	76
T0524	SUNRISE POINT RESORT	36	9/1/2014	76
T0524	SUNRISE POINT RESORT	36	11/1/2014	76
T0524	SUNRISE POINT RESORT	36	12/1/2014	76
T0852	WHITE RIVER CAMPGROUND	36	5/1/2014	250
T0852	WHITE RIVER CAMPGROUND	36	6/1/2014	250

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Appendix E

Appendix F - Treatment Technique Violations: Surface Water Treatment Rule, Ground Water Rule and Long Term 2 (LT2)

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
422	GLENWOOD WATER DEPARTMENT	41	1/31/2014	3023
884	HOSANNA HEIGHTS WATER	41	10/31/2014	39
884	HOSANNA HEIGHTS WATER	41	11/30/2014	39
056	SILOAM SPRINGS WATERWORKS	41	11/30/2014	16577
642	WINTHROP WATER ASSOCIATION	41	8/31/2014	410

PWS type: N

N0235	ALEXA SPRINGS WATER COMPANY	41	9/30/2014	25
N0235	ALEXA SPRINGS WATER COMPANY	41	10/31/2014	25

PWS type: P

T0045	ARK ST PARK-QUEEN WILHELMENA	41	8/31/2014	203
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Appendix G - Chemical Maximum Contaminant Level Violation

PWS type: C

PWS ID	System Name	SDWIS Code	Violation Definition	Violation Date	Retail population
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2014	403
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2014	403
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	403
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	403
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	1/1/2014	1203
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	4/1/2014	1203
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	1203
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	1203
384	BRINKLEY WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	4200
737	BUENA VISTA-OGEMAW WATER ASSOC	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	468
661	CHICOT JUNCTION WATER ASSOC	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	779
715	EAST MONROE COUNTY WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	966
016	FOUNTAIN HILL WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2014	895
505	HACKETT WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	963

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Appendix G

Appendix G - Chemical Maximum Contaminant Level Violation

505	HACKETT WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	963
765	HWY 4 24 WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	2507
765	HWY 4 24 WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	2507
080	LAKE CHICOT WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	2038
327	MAGAZINE WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	1038
438	MENA WATER DEPT	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	1/1/2014	7777
438	MENA WATER DEPT	2950	Maximum Contaminant Level Violation for TTHM	1/1/2014	7777
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	1/1/2014	3
951	MONTGOMERY CO REGIONAL PWA	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	1/1/2014	3
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	4/1/2014	3
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	3
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	3
392	MOUNT IDA WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	3008
392	MOUNT IDA WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	3008
559	OLD UNION WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	1233

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Appendix G

Appendix G - Chemical Maximum Contaminant Level Violation

239	RIVIERA UTILITIES	2950	Maximum Contaminant Level Violation for TTHM	4/1/2014	1800
851	SOUTH LOGAN COUNTY WATER	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	1540
889	SOUTHWEST ARKANSAS WATER SYST	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	1698
889	SOUTHWEST ARKANSAS WATER SYST	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	1698
782	TRI-COUNTY WATER DISTBR DIST	2950	Maximum Contaminant Level Violation for TTHM	7/1/2014	17299
782	TRI-COUNTY WATER DISTBR DIST	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	17299
PWS type: P					
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for TTHM	1/1/2014	128
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for TTHM	4/1/2014	128
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for TTHM	10/1/2014	128
N0241	HUTCHINSON REALTY	1025	Maximum Contaminant Level Violation for Fluoride	1/1/2014	55
932	MOUNTAIN DEVELOPMENT	1025	Maximum Contaminant Level Violation for Fluoride	1/1/2014	50

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Appendix G

Appendix H - Radium Maximum Contaminant Level Violation

NO VIOLATIONS IN 2014

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Appendix H

Appendix I - Lead & Copper Rule Monitoring & Treatment Technique

PWS type: C

PWS ID	System Name	SDWIS Code	Violation Definition	Violation Date	Retail population
358	FOUKE WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2012	865
636	FRENCHPORT WATER ASSOCIATION	52	Follow-up and Routine Tap Sampling	1/1/2010	1783
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2013	322
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	7/1/2012	322
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	7/1/2011	322
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2011	322
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2012	322
373	KEISER WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2012	759
1075	NORTH HOWARD RURAL WATER ASSOCIATION	65	Public Education	5/29/2013	964

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
811	ACORN RURAL WATER ASSN	1903
282	ADC - TUCKER UNIT MAINT	1500
796	ADC EAST ARKANSAS REGIONAL	1536
663	AIRPORT ROAD WATER ASSOCIATION	576
303	ALICIA WATER SYSTEM	157
058	ALPENA WATERWORKS	550
764	ALPINE WATER ASSOCIATION	740
271	ALTHEIMER WATERWORKS	918
197	ALTUS WATERWORKS	2043
424	ANTOINE WATERWORKS	618
085	ARKADELPHIA WATERWORKS	10300
167	ARKANSAS CITY WATERWORKS	366
485	ARKANSAS HEALTH CENTER	1000
667	ARSENAL WATER SYSTEM	2577
527	ASH FLAT WATER COMPANY	1097
320	ASHDOWN WATERWORKS	4723
441	ATKINS WATER SYSTEM	4439
597	AUGUSTA WATERWORKS	2665
346	AUSTIN WATERWORKS	2436
689	BALD KNOB NORTH WATER ASSOC	2646
584	BALD KNOB WATERWORKS	2897
785	BARKADA WATER ASSOCIATION	381
512	BARLING WATERWORKS	4238
415	BARTON LEXA WATER ASSOCIATION	4000
819	BASIN VALLEY WATER SYSTEM	390
250	BATESVILLE WATER UTILITIES	11245
1178	BAXTER-MARION REGIONAL WATER ASSOCIATION	525
401	BEARDEN WATERWORKS	2407
038	BEAVER WATER DISTRICT	52
844	BEAVERFORK VOLUNTEER FD WSD	3097
904	BEDFORD FALLS MHP	105
462	BEE BRANCH WATER	3162
592	BEEBE WATERWORKS	7898
039	BELLA VISTA P.O.A.	26461
600	BELLEVILLE WATER	1078
037	BENTON CO WATER	5217
913	BENTON COUNTY WATER AUTHORITY5	1530
484	BENTON WATERWORKS	30681
041	BENTONVILLE WATER UTILITIES	40137

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
060	BERGMAN WATERWORKS	2748
074	BERRYVILLE WATERWORKS	5632
627	BETHESDA WATER ASSOCIATION	1302
799	BIG CLIFTY WATER	150
026	BIG FLAT WATERWORKS	523
411	BIGELOW WATERWORKS	544
417	BIRDSONG WHITTON WATER ASSOC	447
448	BISCOE WATERWORKS	482
233	BLEVINS WATERWORKS	335
365	BLYTHEVILLE WATERWORKS	16910
178	BOIS D'ARC WATER SYSTEM	50
979	Bonanza Waterworks	575
126	BONO WATERWORKS	1971
336	BOONEVILLE DEVELOPMENT CENTER	275
326	BOONEVILLE WATERWORKS	5892
587	BRADFORD WATERWORKS	825
054	BRADLEY CO RURAL WATER ASSN	1099
294	BRADLEY WATERWORKS	258
024	BRIARCLIFF WATERWORKS	313
131	BROOKLAND WATERWORKS	2450
837	BRUNNER HILL WATER ASSOC	1023
295	BUCKNER WATERWORKS	308
671	BUFFALO ISLAND REG WATER DIST	3416
352	BULL SHOALS WATER SYSTEM	2654
366	BURDETTE WATERWORKS	597
338	CABOT WATERWORKS	23766
515	CADDO VALLEY WATERWORKS	635
532	CALDWELL WATER	1200
404	CAMDEN WATERWORKS	14447
877	CAMP ROBINSON	1500
261	CAMPBELL STATION WATERWORKS	240
127	CARAWAY WATERWORKS	1375
339	CARLISLE WATERWORKS	2313
675	CARROLL-BOONE WATER DISTRICT	19
165	CARTHAGE WATER AND SEWER	312
660	CASA WATER DEPT	1200
130	CASH WATERWORKS	359
203	CASS C C C	264
526	CAVE CITY WATERWORKS	2664
043	CAVE SPRINGS WATERWORKS	1835

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
138	CEDARVILLE WATERWORKS	8798
213	CENTER GROVE WATER ASSOCIATION	4398
044	CENTERTON WATERWORKS	11424
845	CENTRAL LOGAN COUNTY PWFB	1230
200	CHARLESTON WATERWORKS	3423
521	CHEROKEE VILLAGE WATER ASSOC	4717
158	CHERRY VALLEY WATERWORKS	658
647	CHESTER WATER WORKS	210
403	CHIDESTER WATER WORKS	534
446	CITY CORPORATION	28616
385	CLARENDON WATERWORKS	1640
741	CLARK CO COUNTRY WATER FACILIT	2450
148	CLARKEDALE-JERICO WATER ASSOC	955
289	CLARKSVILLE WATERWORKS	9288
722	CLAY CO REG WATER DISTRICT	5880
069	CLEVELAND CO RURAL WATER USERS ASSOC	1703
564	CLINTON WATERWORKS	5684
290	COAL HILL WATERWORKS	1300
181	COLLINS WATER ASSOCIATION	264
533	COLT WATER ASSOCIATION	976
101	COMMUNITY WATER SYSTEM	15718
669	COMPTON WATERWORKS	811
147	CONCORD WATER & SEWER PFB	3020
119	CONWAY CO REGIONAL WATER DIST	18943
189	CONWAY WATER SYSTEM	56053
927	CORINTH VALLEY WATER SYSTEM	84
028	COTTER WATERWORKS	1000
813	COTTONWOOD WATER ASSOCIATION	670
439	COVE WATERWORKS	688
340	COY WATERWORKS	256
149	CRAWFORDSVILLE WATERWORKS	2106
873	CRESTWOOD MOBILE HOME PARK	34
459	CROSS COUNTY RURAL WATER SYS	10491
017	CROSSETT WATER COMMISSION	8038
180	CROWLEYS RIDGE WATER ASSOC	3788
249	CUSHMAN WATER SYSTEM	1385
190	DAMASCUS WATER WORKS	1850
603	DANVILLE WATERWORKS	2567
601	DARDANELLE WATERWORKS	4228
052	DECATUR WATERWORKS	2851

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
224	DELAPLAINE WATERWORKS	146
423	DELIGHT WATERWORKS	1495
461	DENNARD WATER ASSOCIATION	880
520	DEQUEEN WATER WORK	6534
449	DES ARC WATERWORKS	3882
450	DEVALLS BLUFF WATERWORKS	615
008	DEWITT WATERWORKS	3294
061	DIAMOND CITY WATER	1305
269	DIAZ WATERWORKS	1092
243	DIERKS WATER WORKS	1400
585	DOGWOOD WATER ASSOCIATION	1279
714	DORCHEAT WATER ASSOCIATION	1860
698	Dota Public Water Authority	2650
369	DRIVER GRIDER WATER ASSOC	222
171	DUMAS WATERWORKS	5847
730	DYESS RURAL WATER	294
376	DYESS WATERWORKS	430
886	E CASS WATER SUPPLY CORP	133
150	EARLE WATERWORKS	1836
646	EAST END WATER	5800
772	EAST JOHNSON CO WATER ASSN	4210
879	EAST LAKE WATER USERS ASSN	55
809	EAST LOGAN CO RURAL WATER	1918
768	EAST NEWTON COUNTY WATER ASSN	1815
458	EAST PRAIRIE CNTY PUBLIC WATER AUTHORITY	699
539	EASTSIDE HOMEOWNERS ASSOC	201
350	EDGEWOOD BAY WATER	277
550	EL DORADO WATERWORKS	20698
567	ELKINS WATERWORKS	2815
393	EMMET WATERWORKS	558
341	ENGLAND WATERWORKS	2823
183	ENON WATER ASSOCIATION	467
075	EUREKA SPRINGS WATERWORKS	3158
525	EVENING SHADE WATERWORKS	747
544	FAIRCREST WATER ASSOCIATION	1275
569	FAYETTEVILLE WATERWORKS	91427
514	FCMTC WATERWORKS	500
351	FLIPPIN WATERWORKS	3625
635	FORDYCE RURAL WATER ASSOC	1438
164	FORDYCE WATER CO	4746

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
323	FOREMAN WATERWORKS	1173
004	FORREST CITY WATERWORKS	15220
507	FORT SMITH WATER UTILITIES	86209
586	FOUR MILE HILL WATER ASSOC	4603
1077	FRANKLIN-SEBATHIAN PWA	0
625	FREE HOPE WATER ASSOCIATION	185
812	FREEDOM WATER ASSOCIATION	1785
814	FULTON COUNTY WATER ASSOC	1781
231	FULTON WATERWORKS	365
645	FURLOW WATER ASSOCIATION	2905
047	GARFIELD WATERWORKS	610
357	GARLAND WATERWORKS	342
692	GARRETT BRIDGE WATER ASSOC	815
034	GASSVILLE WATERWORKS	1618
693	GATEWAY PUBLIC WATER AUTHORITY	1890
048	GENTRY WATERWORKS	5153
699	GENTRYVILLE PUBLIC WATER AUTH	386
009	GILLETT WATER DEPT	670
658	GILLHAM REGIONAL WATER DIST	3
857	GLEN ACRES	63
374	GOSNELL WATER ASSOCIATION	4093
316	GOULD MUNICIPAL WATER-SEWER	1041
317	GRADY WATERWORKS	424
734	GRAND PRAIRIE BAYOU 2 P.F.B.	10360
759	GRANGE-CALAMINE WATER ASSOC	2381
437	GRANNIS WATERWORKS	530
T1101	GRASSY KNOB SUBORDINATE SD	65
076	GRAY ROCK WATER ASSOCIATION	738
696	GREASY VALLEY WPFB LOGAN CO.	495
077	GREEN FOREST WATERWORKS	5483
701	GREEN HILL-BROOKS CHAPEL WATER	713
191	GREENBRIER WATERWORKS	6590
504	GREENWOOD WATERWORKS	8823
267	GRUBBS WATERWORKS	907
626	GUION WATER DEPARTMENT	270
086	GUM SPRINGS WATER ASSOCIATION	947
192	GUY WATERWORKS	1702
015	HAMBURG WATERWORKS	5309
070	HAMPTON WATERWORKS	1695
273	HARDIN WATER ASSOCIATION	4802

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
524	HARDY WATERWORKS	915
546	HARMONY WATER ASSOCIATION	362
071	HARRELL WATERWORKS	391
431	HARRISBURG WATERWORKS	2288
062	HARRISON WATERWORKS	16905
286	HARTMAN WATERWORKS	1230
488	HASKELL WATER SYSTEM	3990
436	HATFIELD WATERWORKS	807
602	HAVANA WATERWORKS	1160
452	HAZEN WATERWORKS	1600
427	HEAFER-BLACK OAK WATER ASSOC	481
104	HEBER SPRINGS WATER SYSTEM	11131
419	HELENA WATER SEWER	5500
159	HICKORY RIDGE WATERWORKS	272
885	HIGHFILL WATER DEPARTMENT	1586
672	Highland Public Water Authority	2394
078	HOLIDAY ISLAND WATERWORKS	3326
388	HOLLY GROVE WATERWORKS	1010
230	HOPE WATER LIGHT COMM	11500
518	HORATIO WATERWORKS	1529
617	HORSEHEAD WATER ASSOCIATION	4940
255	HORSESHOE BEND WATERWORKS	2131
236	HOT SPRING CO WATER ASSOC	3395
209	HOT SPRINGS UTILITIES	92010
208	HOT SPRINGS VILLAGE WATER	13500
301	HOXIE WATER DEPARTMENT	2650
011	HUGHES COMMUNITY WATER ASSOC	2226
531	HUGHES WATERWORKS	1441
508	HUNTINGTON WATERWORKS	618
348	HUNTSVILLE WATERWORKS	2402
553	HUTTIG WATERWORKS	777
107	HWY 63 WATER ASSOCIATION	7282
749	HWY 64 WATER ASSOCIATION	228
145	HWY 71 WATER DISTRICT #1 PWA	6190
702	HWY 9 WATER ASSOCIATION	1285
300	IMBODEN WATERWORKS	677
774	INDEPENDENCE JACKSON REGIONAL	2933
781	INDIAN SWITCH RURAL WATER ASSN	730
263	JACKSONPORT WATERWORKS	238
513	JAMES FORK REGIONAL WATER	11348

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
397	JASPER WATERWORKS	766
276	JEFFERSON-SAMPLES-DEXTER WATER	2852
124	JONESBORO WATER SYSTEM	72835
582	JUDSONIA WATERWORKS	3206
552	JUNCTION CITY WATERWORKS	760
588	KENSETT WATERWORKS	1425
337	KEO WATER WORKS	300
140	KIBLER WATER SYSTEM	1755
821	KIMZEY REGIONAL WATER DISTRICT	7500
827	KINGS HILL ESTATES	25
108	KINGSLAND WATERWORKS	595
099	KNOBEL WATERWORKS	294
287	KNOXVILLE WATERWORKS	1810
706	KROOKED CREEK WATER ASSN	2000
684	LACEY-LADELLE WATER ASSOCIATIO	1315
277	LADD WATER ASSOCIATION	2393
483	LAFE RURAL WATER ASSOCIATION	2478
122	LAKE CITY WATERWORKS	2329
677	LAKE FOREST SUBORDINATE DIST	120
780	LAKE LUCERNE ESTATES	55
824	LAKE TABLE ROCK ESTATES	50
726	LAKESHORE ESTATES WATER ASSN	644
027	LAKEVIEW MIDWAY PUBLIC WATER AUTHORITY	3012
288	LAMAR WATERWORKS	1885
548	LAWSON-URBANA WATER ASSOC	1147
362	LEACHVILLE WATERWORKS	2021
313	LEE COUNTY WATER ASSOCIATION	5020
218	LEOLA WATERWORKS	720
432	LEPANTO WATERWORKS	1893
500	LESLIE WATER SYSTEM	740
297	LEWISVILLE WATERWORKS	1448
272	LIBERTY UTILITIES	44080
716	LISBON WATER ASSOCIATION	422
214	LITTLE CREEK WATER ASSOCIATION	2159
808	LITTLE PORTION HERMITAGE	25
371	LITTLE RIVER WATER ASSOCIATION	924
912	LOCKE-FERN DOLLARD RD WW PFB	1208
443	LONDON WATERWORKS	1220
274	LONG LAKE WATER ASSOCIATION	500
343	LONOKE WATERWORKS	4245

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
1076	LONOKE WHITE PUBLIC WATER AUTH	2
049	LOST BRIDGE VILL WAT-SEW DIST	995
406	LOUANN WATERWORKS	192
292	LUDWIG WATER ASSOCIATION	1322
718	LURTON-PELSOR WATER ASSOC	289
361	LUXORA WATERWORKS	1178
713	LYDESDALE WATER ASSOCIATION	390
299	LYNN WATERWORKS	718
803	MADISON CO REGIONAL WATER	3
349	MADISON CO WATER FACILITIES BD	8059
246	MAGNESS WATER ASSOCIATION	470
241	MAGNET-BUTTERFIELD WATER AUTHORITY	1838
109	MAGNOLIA WATERWORKS	10866
237	MALVERN WATERWORKS	10958
206	MAMMOTH SPRING WATERWORKS	1487
378	MANILA WATERWORKS	3336
509	MANSFIELD WATERWORKS	2340
310	MARIANNA WATERWORKS	4115
382	MARIE WATER SYSTEM	140
770	MARION COUNTY REG WATER DIST	2
152	MARION WATERWORKS	12345
430	MARKED TREE WATERWORKS	2566
225	MARMADUKE WATERWORKS	1042
501	MARSHALL WATERWORKS	2304
637	MARVELL RURAL WATER ASSOC	1800
421	MARVELL WATERWORKS	1187
464	MAUMELLE WATER CORPORATION	2253
463	MAUMELLE WATER MANAGEMENT	17200
193	MAYFLOWER WATERWORKS	7416
619	MAYNARD WATERWORKS	470
599	MC CRORY WATERWORKS	1850
098	MC DOUGAL WATERWORKS	251
705	MC NEIL RURAL WATER ASSOC	894
110	MC NEIL WATERWORKS	522
170	MCGEHEE WATERWORKS	4386
256	MELBOURNE WATERWORKS	4195
153	MIDWAY WATER ASSOCIATION	2100
786	MILL POND VILLAGE MHP	160
773	MILLTOWN-WASHBURN WATER USERS	3628
409	MILLWOOD WATER CORPORATION	487

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
242	MINERAL SPRINGS WATERWORKS	1208
169	MITCHELLVILLE WATERWORKS	475
042	MOCKINGBIRD HILL WATER ASSOC	693
128	MONETTE WATERWORKS	1316
184	MONTICELLO WATER DEPARTMENT	10568
681	MORNING STAR WATER ASSOCIATION	1260
314	MORO WATERWORKS	308
709	MORRISON BLUFF WATER SYSTEM	325
002	MOUNT HOLLY WATERWORKS	384
668	MOUNT OLIVE WATER ASSOCIATION	5165
176	MOUNTAIN PINE WATERWORKS	795
454	MOUNTAIN TOP WATER ASSOCIATION	6355
542	MOUNTAIN VIEW WATERWORKS	7178
141	MOUNTAINBURG WATER AND SEWER	935
258	MT PLEASANT WATERWORKS	1353
680	MT SHERMAN WATER ASSOCIATION	769
136	MULBERRY WATERWORKS	1603
633	MUNDELL HEIGHTS WATERWORKS	188
425	MURFREESBORO WATERWORKS	1641
1069	N E WHITE COUNTY PUBLIC FACILITIES BOARD	0
805	NASHVILLE RURAL WATER ASSOC	6958
244	NASHVILLE WATERWORKS	4627
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	1415
264	NEWPORT WATERWORKS	6583
035	NORFORK WATERWORKS	1192
391	NORMAN WATERWORKS	850
554	NORPHLET WATERWORKS	1153
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
826	NORTH PIKE CO RURAL WATER ASSN	1976
583	NORTH WHITE CO RURAL WATER PFB	5300
801	OAK GROVE WATER	480
146	OAK GROVE WATER ASSOCIATION	2612
558	OAK MANOR WATER ASSOCIATION	338

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
676	OAKHILLS SURB IMPROVMENT DIST	111
616	ODEN- PENCIL BLUFF WATER ASSN.	383
322	OGDEN WATERWORKS	495
473	O'KEAN WATERWORKS	228
089	OKOLONA WATERWORKS	590
604	OLA WATERWORKS	1117
753	OLD BELLA VISTA POA	108
064	OMAHA WATERWORKS	1270
120	OPPELO WATER DEPARTMENT	1300
832	OSAGE POINT MHP	73
375	OSCEOLA WATERWORKS	7176
802	OUTSIDE KINGSLAND WATER ASSOC	525
259	OXFORD WATERWORKS	1105
1078	OZAN CREEK RURAL WATER SYSTEM	675
227	OZAN WATERWORKS	378
530	OZARK ACRES WATER ASSOCIATION	819
998	Ozark Mtn Regional PWA	2
201	OZARK WATERWORKS	4288
536	PALESTINE WATER ASSOCIATION	1855
222	PARAGOULD, LIGHT, WATER, & CABLE	24121
328	PARIS WATERWORKS	5123
560	PARKERS CHAPEL PUBLIC WATER	2369
662	PARKIN RURAL WATER ASSOCIATION	406
736	PARTHENON WATER ASSOCIATION	400
598	PATTERSON WATERWORKS	491
053	PEA RIDGE WATERWORKS	5595
091	PEACH ORCHARD WATERWORKS	163
649	PENDLETON-PEA RIDGE WATER ASSN	988
412	PERRY WATER SYSTEM	658
234	PERRYTOWN WATERWORKS	130
251	PFEIFFER WATER AUTHORITY	3241
172	PICKENS WATERWORKS	84
090	PIGGOTT WATERWORKS	4251
818	PIKE CITY WATER ASSN	321
720	PLEASANT GROVE	2202
202	PLEASANT VIEW WATER FAC BOARD	1673
121	PLUMERVILLE WATERWORKS	826
474	POCAHONTAS WATERWORKS	6608
092	POLLARD WATERWORKS	287
305	PORTIA WATERWORKS	558

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
018	PORTLAND WATERWORKS	617
445	POTTSVILLE WATER ASSOCIATION	4108
217	POYEN WATERWORKS	755
216	PRATTSVILLE WATERWORKS	1282
394	PRESCOTT WATERWORKS	5198
105	QUITMAN WATERWORKS	1062
040	RAMBO WATER DISTRICT #1 INC	90
329	RATCLIFF WATERWORKS	1350
477	RAVENDEN SPRINGS WATERWORKS	143
306	RAVENDEN WATERWORKS	470
093	RECTOR WATERWORKS	2933
279	REDFIELD WATERWORKS	2667
732	REDHILL WATER ASSOCIATION	475
173	REED WATERWORKS	252
475	REYNO WATERWORKS	445
835	RICHWOODS WATER ASSOCIATION	1397
776	RIDGEFIELD ESTATES WATER SYS	150
106	RISON WATERWORKS	1344
833	RIVER VALLEY WATER ASSN	1126
674	RIVERSOUTH RURAL WATER DIST	4053
252	Rock Moore Water Authority	3168
055	ROGERS WATER UTILITIES	64379
395	ROSSTON WATER DEPARTMENT	620
591	RUSSELL WATERWORKS	360
875	RUSSELLVILLE- RWPSID2INC	145
678	S P G WATER ASSOCIATION	1420
492	SALEM WATER ASSOCIATION	14200
204	SALEM WATERWORKS	1505
036	SALESVILLE WATERWORKS	592
491	SALINE CO WW SS PFB	1949
493	SARDIS WATER ASSOCIATION	13344
330	SCRANTON WATERWORKS	1470
758	SDM WATER ASSOCIATION	373
870	SE BRADLEY CO WATER ASSN	2614
594	SE WHITE COUNTY WATER ASSOC	5055
590	SEARCY WATERWORKS	23768
511	SEBASTIAN LAKE PUBLIC WATER AUTHORITY	250
304	SEDGWICK WATERWORKS	288
182	SELMA WATER ASSOCIATION	1035
868	SEVIER CO WATER ASSOCIATION	4293

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
540	SHADY ACRES MOBILE HOME PARK	60
800	SHANNON HILLS WATER DEPT	3443
215	SHERIDAN WATERWORKS	3505
565	SHIRLEY WATERWORKS	374
407	SHUMAKER PUBLIC SERVICE CO	1413
528	SIDNEY WATER SYSTEM	306
555	SMACKOVER WATERWORKS	3019
815	SOUTH MOUNTAIN WATER ASSN	739
978	SOUTH PIKE CO. WATER	485
219	SOUTH SHERIDAN WATER ASSOC	3132
792	SOUTHERN HILLS WATER SYSTEM	45
254	SOUTHSIDE PUB WATER AUTHORITY	8975
293	SPADRA-GOOSE CAMP WATER ASSOC	510
575	SPRINGDALE WATER UTILITIES	84147
005	ST CHARLES WATERWORKS	379
836	ST FRANCIS RIVER REG WATER DD	2482
537	ST FRANCIS RURAL WATER ASSOC	1386
296	STAMPS WATERWORKS	2268
755	STARLIGHT ESTATES	42
013	STUTTGART WATERWORKS	9745
334	SUBIACO ACADEMY WATERWORKS	250
135	SUBIACO CITY WATERWORKS	477
095	SUCCESS WATERWORKS	105
472	SUNSET WATER ASSOCIATION	661
628	SW BOONE COUNTY WATER ASSOC	3953
852	SW WARREN WATER ASSOCIATION	759
185	SW WHITE COUNTY WATER ASSN	9816
265	SWIFTON WATERWORKS	778
882	SYLAMORE VALLEY WATER ASSN	270
045	SYLVAN SHORES SD WATERWORKS	85
891	TALL OAKS MHP	37
895	TANKSLEY APARTMENTS	52
360	TEXARKANA WATER UTILITIES	28541
186	TILLAR WATERWORKS	390
798	TOAD SUCK PUBLIC FACILITY BD	1314
618	TOLLETTE WATER	339
566	TONTITOWN WATERWORKS	2270
846	TRI COUNTY RWDD -MOORES CHAPEL	2003
434	TRUMANN RURAL WATER ASSOC	2614
435	TRUMANN WATERWORKS	7968

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
266	TUCKERMAN WATERWORKS	1848
825	TULIP - PRINCETON WATER ASSN	1053
220	TULL WATER	1987
155	TURRELL WATER WORKS	549
855	TWIN OAKS MOBILE HOME PARK	35
426	TYRONZA WATERWORKS	852
451	ULM WATERWORKS	206
654	UNITED WATER ASSOCIATION	568
690	US AIR FORCE BASE LITTLE ROCK	8618
065	VALLEY SPRINGS WATERWORKS	3120
727	VAN BUREN COUNTY W U A	3062
142	VAN BUREN WATERWORKS	20384
162	VANNDALE-BIRDEYE WATER ASSOC	2312
380	VICTORIA WATER ASSOCIATION	35
115	VILLAGE WATER ASSOCIATION	417
205	VIOLA WATERWORKS	387
460	WALDENBURG WATER ASSOCIATION	215
112	WALDO WATERWORKS	1372
858	WALKER CREEK STATELINE RWA	1335
298	WALNUT HILL WATER ASSOCIATION	275
309	WALNUT RIDGE WATERWORKS	4890
345	WARD WATERWORKS	9500
066	WARREN WATERWORKS	6910
574	WASHINGTON WATER AUTHORITY WWA	13895
232	WASHINGTON WATER SYSTEM	355
606	WATALULA WATER ASSOCIATION	2282
284	WATSON CHAPEL WATER ASSOC	6140
428	WEINER WATERWORKS	716
103	WESSON-NEWELL WATER ASSOC	590
878	WEST ASHLEY COUNTY WATER ASSN	683
577	WEST FORK WATERWORKS	3237
416	WEST HELENA WATER WORKS	7500
682	WEST SALINE WATER USERS ASSN	1959
735	WEST STONE COUNTY WATER ASSN	4634
779	WEST WOODRUFF WATER DISTRICT	376
704	WESTERN GREENE COUNTY R W D	6394
400	WESTERN GROVE MUNICIPAL WATER	888
535	WHEATLEY WATERWORKS	447
285	WHITE HALL WATERWORKS	4588
440	WICKES WATERWORKS	1288

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
686	WILBURN WATER ASSOCIATION	739
562	WILDWOOD WATER ASSOCIATION	1280
650	WILLISVILLE WATERWORKS	448
187	WILMAR WATERWORKS	857
021	WILMOT WATERWORKS	862
370	WILSON WATER SYSTEM	1101
188	WINCHESTER WATERWORKS	444
332	WINSLOW WATERWORKS	1482
783	WIRE ROAD WATER SYSTEM	822
700	WKMM RURAL WATER ASSOCIATION	388
471	WOODSON-HENSLEY WATER COMPANY	1000
196	WOOSTER WATERWORKS	3700
695	WRIGHT-PASTORIA WATER ASSOC	1268
410	WYE MOUNTAIN WATER ASSOCIATION	1350
163	WYNNE WATERWORKS	8837
383	YARBRO WATERWORKS	369
356	YELLVILLE WATERWORKS	2322
319	YORKTOWN WATER ASSOCIATION	8169

PWS type: N

1089	101 GROCERY	25
T1054	62 Food Mart	30
T0015	AHTD-LONSDALE REST AREA	100
1177	ANCHOR'S LANDING AT WOODS POINT RV PARK	72
T0031	ARK POST NATIONAL MEMORIAL	100
1107	ARK S/P BEECH POINT CAMPGROUND	25
T1002	BAR NONE COWBOY CHURCH	125
T0068	BAYOU RESORT	25
1080	BIGGERS BED AND BREADFAST	25
N0080	BLACK BEAR SPRINGS	25
1001	Blue Heron Campground	25
T0350	BLUE WATER'S RESORT	52
T0098	BNRU2-01 BUFFALO POINT CAMPGROUND	25
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
T0963	BUFFALO NRVU4-02LOST VALLEYCG	25
T0096	BUFFALO NRVU4-06 UPPER PRUITT	25
T1047	BUFFALO OUTDOOR CENTER	25
T0906	BUFFALO RV TYLER BEND CGU3-13	25

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
T0097	BUFFALO RV TYLER BEND MTU3-12	25
1013	C. G. Roxane	25
T0114	CAMP CANFIELD	100
T0120	CAMP KIA KIMA	500
973	CAMP WAR EAGLE	700
986	CEDAR GLADES PARK	25
T0431	CEDAR VALLEY INC	250
T1080	CITGO FLASH MARKET	250
1171	CK QUICK STOP	25
1148	COUNTRY BURGERS	25
T0163	COUNTRY MOUNTAIN INN	100
N0136	CULLIGAN OF NORTHWEST ARKANSAS	25
T1076	ECHO CANYON RESORT & MARINA	30
T1107	EUREKA SPRINGS SPORTS FIELD	100
T0116	FERNCLIFF CAMP CONFER CENTER	162
942	FRED BERRY CONSERVATION ED CTR	25
T0233	GENOA GROCERY 46	25
926	GIFT-TIQUES	25
T1045	GIRL SCOUT CAMP KARLTON KEMP	25
914	GLACIER BG ASHDOWN	30
1140	GLACIER BG105 PINE BLUFF	30
1114	GLACIER BGC096 ARKADELPHIA	30
1117	GLACIER BGC619 HOPE	30
1120	GLACIER CASHSAV3301 RUSSELLVILLE	30
1157	GLACIER CIRCLE K 0037 MARSHALL	30
1154	GLACIER FAMD1037 MARIANNA	30
1046	GLACIER FOOD GIANT 37 MAR	80
1144	GLACIER SHILOH EXPRESS	30
1085	GLACIER SMERC 1900 SPRINGDALE	30
1096	GLACIER SMERC300 ROGERS	30
N0239	GLACIER WATER ALB TEXARK 4318	30
N0245	GLACIER WATER BG CAMDEN 2239	30
N0242	GLACIER WATER BG ELDORADO 2195	30
N0243	GLACIER WATER BG MAGNOLIA 2371	30
1021	GLACIER WATER EDWARDS FG3475	30
981	HARVEST CHURCH	75
T0486	HIDE A WAY CAMPGROUND	367
T0915	HOT SPR NAT PK HAPPY HOLLOW SP	25
T0916	HOT SPR NAT PK WHITTINGTON SPR	25
T0259	HOT SPRINGS NATIONAL PARK	25

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PWS ID	System Name	Retail population served
1105	HOWARD COVE STRIPER AND RV	88
T0261	HWY 27 FISHING VILLAGE	25
T0714	HWY 27 REC AREA	50
1094	J & J WATER SPORTS	50
1043	JIM'S SALOON	25
T0294	KELLER'S COUNTRY DORM RESORT	50
T0295	KELLER'S KOVE RESORT	150
T0297	KETTLE CAMPGROUND	55
T0381	KWIK SERV	500
T0312	LAKE LEATHERWOOD CAMPGROUND	25
993	Lake Shore Cabins	78
T0316	LAKESIDE COUNTRY CLUB	120
T0330	LITTLE FIR LANDING	250
T1090	LOST BRIDGE MARINA	30
1090	LOST VALLEY CANOE AND LODGING	40
T0341	MANY ISLAND CAMP	200
T0373	MOOSE LODGE 1953	220
N0073	MT VALLEY SPRING CO	25
982	MULBERRY RIVER MOUNTAIN RANCH	25
T1068	NORFORK LAKE ESTATES-MOHR ADD	30
957	NORFORK MARINA	25
1198	NWS INC. WF0317 LITTLE ROCK	30
1005	Oak Hill Lodge SGT	25
T0391	OARK GEN STORE	150
1015	Ozark mountain Gallery	25
T0406	OZARK REGULAR BAPTIST CAMP	25
T1016	OZARKS RV RESORT OWNERS ASSOCIATION	500
T0417	PEA RIDGE NATL MILITARY PARK	500
1009	Pilgrimage Christian Center	50
T0439	PONCA BIBLE CAMP	70
1071	PRIMO WMSO171 CAMDEN	30
N0150	PRIMO HARPS DARDANELLE	30
1176	PRIMO REFILL LLC AKINS NF19 ROGERS	30
N0139	PRIMO REFILL LLC BENTON WAL-MART 85	30
1029	PRIMO REFILL LLC Harp's Ft Smith	30
1065	PRIMO REFILL LLC HARPS134 GREEN FOREST	30
N0140	PRIMO REFILL LLC MENA WAL-MART 0067	30
N0225	PRIMO REFILL LLC NMKT2744 FT SMITH	30
1050	PRIMO REFILL LLC NMKT5783 MAUMELLE	30
N0173	PRIMO REFILL LLC SILOAM SPRINGS IGA	30

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PWS ID	System Name	Retail population served
N0142	PRIMO REFILL LLC STUTTGART WAL-M102	30
1174	PRIMO REFILL LLC WMNM2431 SEARCY	30
1182	PRIMO REFILL LLC WMNM4686 BENTONVILLE	30
1113	PRIMO REFILL LLC WMNM5737 FAYETTEVILLE	30
965	PRIMO REFILL LLC WMS0058 RUSSELLVILLE	80
1153	PRIMO REFILL LLC WMSC 0083 MAGNOLIA	30
1152	PRIMO REFILL LLC WMSC 0169 LONOKE	30
1028	PRIMO REFILL LLC WMSC 4460 NLR	30
N0218	PRIMO REFILL LLC WMSC0004 SILOAM SP	30
1049	PRIMO REFILL LLC WMSC0007 SHERWOOD	30
1181	PRIMO REFILL LLC WMSC0018 NEWPORT	30
909	PRIMO REFILL LLC WMSC0033 NASHVILLE	30
1169	PRIMO REFILL LLC WMSC0074 OSCEOLA	30
1112	PRIMO REFILL LLC WMSC0126 LR	30
947	PRIMO REFILL LLC WMSC0127 MALVERN	120
921	PRIMO REFILL LLC WMSC0279 DEQUEEN	30
963	PRIMO REFILL LLC WMSC0296 DARDANELLE	50
977	PRIMO REFILL LLC WMSC0358 ALMA	80
930	PRIMO REFILL LLC WMSC0380 WALDRON	30
1017	PRIMO REFILL LLC WMSC0388 Fort Smith	30
N0231	PRIMO REFILL LLC WMSC0468 TEXARKANA	30
964	PRIMO REFILL LLC WMSC1114 MTN VIEW	30
983	PRIMO REFILL LLC WMSC2587 Cabot	30
1106	PRIMO REFILL LLC WMSC2743 SHERWOOD	30
1146	PRIMO REFILL LLC WMSC318 ARKADELPHIA	30
N0240	PRIMO REFILL LLC WMSC3231 GREENWOOD	30
974	PRIMO REFILL LLC WMSC336 SHERIDAN	30
1180	PRIMO REFILL LLC WMSC4168 BEEBE	30
929	PRIMO REFILL LLC WMSC5244 L R	30
946	PRIMO REFILL LLC WMSC5260 ROGERS	30
1167	PRIMO REFILL LLC WMSC5706 LR	30
N0156	PRIMO REFILL LLCBENTONVILLE WAL-100	30
N0154	PRIMO REFILL LLCELDORADO WAL-M530	30
N0170	PRIMO REFILL LLCFAYETTEVILLE WAL144	30
N0174	PRIMO REFILL LLCFAYETTEVILLE WAL359	30
N0153	PRIMO REFILL LLCFORREST CITY WAL-91	30
N0192	PRIMO REFILL LLCFT SMITH WALM125	30
N0165	PRIMO REFILL LLCFT SMITH WAL-MA141	30
N0158	PRIMO REFILL LLC HARRISON WAL-MAR2	30
N0176	PRIMO REFILL LLCHEBER SPRING WAL281	30

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
N0216	PRIMO REFILL LLC HOT SPRINGS WAL-MA52	30
N0162	PRIMO REFILL LLC HUNTSVILLE HARPS	30
N0198	PRIMO REFILL LLC JACKSONVILLE WALM24	30
N0197	PRIMO REFILL LLC NEIGHBORHOOD MARKET	30
N0201	PRIMO REFILL LLC NEIGHBORHOOD MK2745	30
N0211	PRIMO REFILL LLC VB WMSC 16	30
N0151	PRIMO REFILL LLC W MEMPHIS WAL-MA70	30
N0191	PRIMO REFILL LLC WALM124 LITTLE ROCK	30
N0219	PRIMO REFILL LLC WMSC0119 BATESVILLE	30
N0220	PRIMO REFILL LLC WMSC0788 CLINTON	30
N0221	PRIMO REFILL LLC WMSC1065 HOPE	30
1151	PRIMO REFILL WMSC 0008 MORRILTON	30
1150	PRIMO REFILL WMSC1105 N LITTLE ROCK	30
1149	PRIMO REFILL WMSC157 SEARCY	30
1156	PRIMO REFILL WMSC5666 LR	30
N0148	Primo Russellville Harps	30
N0178	PRIMO SUN FEST HOLIDAY ISLAND	30
1201	PRIMO WMNM2686 BENTONVILLE	30
1189	PRIMO WMNM4128 RUSSELLVILLE	30
1207	PRIMO WMNM4375	30
1200	PRIMO WMNM6876 JONESBORO	30
1199	PRIMO WMNM6943 JONESBORO	30
1185	PRIMO WMNM6953 CENTERTON	30
1194	PRIMO WMNM6960 SILOAM SPRINGS	30
1197	PRIMO WMNM6975 CABOT	30
1187	PRIMO WMNM7242 FARMINGTON	30
1196	PRIMO WMNM7317 GREENBRIAR	30
1205	PRIMO WMSC0055 BOONEVILLE	30
N0224	Primo WMSC0261 Hot Springs	30
1195	PRIMO WMSC0373 HUNTSVILLE	30
N0222	Primo WMSC3230 Bryant	30
1188	PRIMO WMSC4108 SPRINGDALE	30
934	Primo WMSC5433 HSV	30
1186	PRIMO WNM6971 PEA RIDGE	30
T1038	RED BUD VALLEY RESORT	25
T1037	RIVERSIDE RESORT	250
T0467	RIVERSIDE RESORT AT KINGS RIVER	25
936	RIVERSIDE RETREAT	25
T0468	RIVERVIEW COUNTRY STORE	30
T0470	ROADRUNNER INN	25

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PWS ID	System Name	Retail population served
1132	Rock House Bar and Grill	205
T0472	ROCKING CHAIR RANCH	84
1170	RON COLEMAN MINING	25
T1085	RUSSELL'S RV PARK	165
T0484	SANDRA D'S GROCERY & FUEL STOP	25
989	Sean's Restaurant	25
925	SHADY OAK RV PARK	124
958	SOUTHFORK RESORT	50
1183	SPLASH CAR WASH MTN. VIEW	30
T0513	SPRING RIVER OAKS CAMP	25
945	SUPERLIFT ORV PARK	80
1163	TEMPEST IN A TEAPOT	25
T0829	THE INN AT LOST BRIDGE	25
T0322	THE LANGLEY STORE	25
T0589	USCOE BSWP110 TUCKER HOLLOW	25
T0591	USCOE BSWP117 OZARK ISLE	120
T0592	USCOE BSWP129 BUCK CREEK	25
T0594	USCOE BSWP133 HIGHWAY 125	25
T0602	USCOE BWP 18 LOST BRIDGE SOUTH	25
T0601	USCOE BWP17 LOST BRIDGE	25
T0892	USCOE BWP29 STARKEY PARK	25
T0609	USCOE BWP33 LOST BRIDGE	25
T0619	USCOE DG LENOX MARCUS	25
T0622	USCOE DG OZAN POINT	25
T1035	USCOE NF PANTHER BAY	56
T0689	USCOE NFWP12 ROBINSON POINT	306
T0691	USCOE NFWP15 PANTHER BAY	66
T0692	USCOE NFWP18 HENDERSON	80
T0695	USCOE NFWP25 BIDWELL POINT	144
T0696	USCOE NFWP29 GAMALIEL	192
T0709	USCOE OC - BRADY MTN	100
T0718	USCOE OC - LITTLE FIR	100
T0763	USFS ALBERT PIKE REC AREA	200
T0766	USFS BAYOU BLUFF	25
T0770	USFS BLANCHARD	25
T0786	USFS GUNNER POOL	25
T0795	USFS LAKE WEDINGTON	50
T0797	USFS LITTLE PINES REC AREA	25
T0808	USFS RICHLAND CREEK	25
T0810	USFS SHADY LAKE REC AREA 16661	25

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
T0811	USFS SHADY LAKE REC AREA 16666	25
T0814	USFS SHORES LAKE	25
T0821	USFS WHITE ROCK	35
970	VENTRIS TRAILS END RESORT	50
T0832	WAGON WHEEL RESTAURANT	150
T0835	WANDERLUST RV PARK	25
T1106	WATER WAGON	25
949	WEST SHORE RESTAURANT	150
T1105	WHEELIN' WORLD	50
N0084	WILDERNESS VALLEY SPRING	25
1192	YGAP ASHDOWN	30
1190	YGAP GLENWOOD	30
1191	YGAP PRESCOTT	30
1203	YGAP TEXARKANA 1	30
1204	YGAP TEXARKANA 2	30

PWS type: P

N0180	4-H CENTER	40
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
N0237	CHRISTIAN MINISTRY ACADEMY	300
N0052	CLEARWATER PAPER CORPORATION	339
N0009	ENTERGY - INDEPENDENCE	150
N0025	GENOA CENTRAL SCHOOL	1128
N0028	GEORGIA PACIFIC PAPER MILL	1400
N0214	GEORGIA PACIFIC WOOD PRODUCTS LLC	100
N0029	Great Lakes Chemical South	240
T1065	GREENWICH CENTER	30
N0046	NAT CTR FOR TOXOLOGICAL RES	400
N0188	NW ARKANSAS REGIONAL AIRPORT	55
N0048	OARK SCHOOLS	200
N0189	R V A F TEXARKANA	120
N0057	REMINGTON ARMS COMPANY	1250
1175	ST. VINCENT INFIRMARY	2700
N0109	SW REGION WILDERNESS CAMP	41
N0126	TRINITY BEHAVIORAL HEALTH	99
N0069	VISKASE CORPORATION	236
1123	WILSON GUN SHOP #2	50

Appendix K - Enforcement Actions

PWS type: C

PWS	System Name	Enforcement Action	Date Issued	Rule Violated
315	ADC - CUMMINS UNIT MAINT	Warning of Administrative Order	11/4/2014	TCR
068	BANKS WATERWORKS	Penalty Assessed - Board of Health	1/28/2014	LICENSING
543	BEULAH GROVE WATER ASSOCIATION	Penalty Assessed - Board of Health	1/28/2014	LICENSING
179	BOWSER WATER ASSN	Administrative Order	1/13/2014	TCR/LIC
014	BOYDELL WATER ASSOCIATION	Penalty Assessed - Board of Health	4/9/2014	TCR/PN
653	BRANCH WATER WORKS	Warning of Administrative Order	12/9/2014	TCR
101	COMMUNITY WATER SYSTEM	Administrative Order	3/5/2014	LCR
096	CORNING WATERWORKS	Warning of Administrative Order	3/5/2014	TCR/RAD/LIC
596	COTTON PLANT WATERWORKS	Penalty Assessed - Board of Health	1/28/2014	TCR
685	DEER RUN WATER COMPANY	Administrative Order	6/4/2014	TCR/PN
199	DENNING WATERWORKS	Warning of Administrative Order	5/2/2014	TCR/CCR/ PN
082	DERMOTT WATERWORKS	Penalty Assessed - Board of Health	1/28/2014	LICENSING
418	ELAINE WATERWORKS	Warning of Administrative Order	7/9/2014	TCR/DBPR
083	EUDORA WATERWORKS	Warning of Administrative Order	6/4/2014	DBPR
358	FOUKE WATERWORKS	Warning of Administrative Order	2/5/2014	TCR/DBPR
358	FOUKE WATERWORKS	Administrative Order	5/2/2014	TCR/DBPR/CCR
738	GRAND PRAIRIE REGIONAL WATER	Warning of Administrative Order	11/4/2014	TCR
097	GREENWAY WATERWORKS	Penalty Assessed - Board of Health	4/9/2014	LCR
506	HARTFORD WATERWORKS	Warning of Administrative Order	2/5/2014	TCR/DBP
506	HARTFORD WATERWORKS	Administrative Order	10/7/2014	TCR/DBP

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Appendix K - Enforcement Actions

<i>PWS ID</i>	<i>System Name</i>			<i>Retail population served</i>
067	HERMITAGE WATERWORKS	Warning of Administrative Order	9/9/2014	DBPR (LICENSING)
884	HOSANNA HEIGHTS WATER	Warning of Administrative Order	11/17/2014	TCR
765	HWY 4 24 WATER ASSOCIATION	Warning of Administrative Order	11/4/2014	TCR/DBPR
466	JACKSONVILLE WATERWORKS	Warning of Administrative Order	7/9/2014	TCR
640	JOHNSON TOWNSHIP WATER ASSOC	Warning of Administrative Order	10/6/2014	TCR/GWR
869	KINGWOOD MHP	Warning of Administrative Order	6/4/2014	TCR
081	LAKE VILLAGE WATERWORKS	Administrative Order	4/11/2014	TCR
793	LAURELWOOD HOMEOWNERS ASSOCIATION	Warning of Administrative Order	8/4/2014	TCR
713	LYDESDALE WATER ASSOCIATION	Warning of Administrative Order	1/13/2014	TCR
438	MENA WATER DEPT	Proposed Penalty	5/8/2014	DBPR
951	MONTGOMERY CO REGIONAL PWA	Administrative Order	5/2/2014	DBPR
951	MONTGOMERY CO REGIONAL PWA	Proposed Penalty	8/8/2014	DBPR
020	MONTROSE WATERWORKS	Administrative Order	1/13/2014	TCR/CCR/LIC
020	MONTROSE WATERWORKS	Proposed Penalty	8/8/2014	TCR
557	NEW LONDON WATER ASSOCIATION	Warning of Administrative Order	5/2/2014	TCR/PN
557	NEW LONDON WATER ASSOCIATION	Administrative Order	10/7/2014	TCR/PN
084	READLAND-GRANDLAKE WATER ASSOC	Warning of Administrative Order	6/4/2014	DBPR
318	STAR CITY WATER WATERWORKS	Warning of Administrative Order	6/4/2014	TCR
318	STAR CITY WATER WATERWORKS	Administrative Order	10/7/2014	TCR
057	SULPHUR SPRINGS WATERWORKS	Warning of Administrative Order	7/9/2014	TCR/GWR
1133	WARD MOBILE HOME PARK	Proposed Penalty	3/6/2014	TCR/LIC

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Appendix K - Enforcement Actions

174	WATSON WATERWORKS	Warning of Administrative Order	6/4/2014	TCR/PN
806	WIEDERKEHR VILLAGE WATER DEPT	Administrative Order	1/13/2014	TCR/CCR/PN/LCR
806	WIEDERKEHR VILLAGE WATER DEPT	Proposed Penalty	5/8/2014	TCR/LCR
321	WILTON WATERWORKS	Warning of Administrative Order	1/13/2014	TCR
321	WILTON WATERWORKS	Administrative Order	10/7/2014	TCR

PWS type: N

PWS	System Name	Enforcement Action	Date Issued	Rule Violated
T0323	101 Great American Diner	Warning of Administrative Order	10/6/2014	TCR
N0235	ALEXA SPRINGS WATER COMPANY	Warning of Administrative Order	12/9/2014	SWTR/TCR
T1086	BEAR CREEK COUNTRY STORE	Penalty Assessed - Board of Health	4/9/2014	TCR/GWR
T0079	BLUE LADY RESORT	Warning of Administrative Order	9/9/2014	TCR
T1095	CATALPA GENERAL STORE	Warning of Administrative Order	6/4/2014	TCR
T1003	CEDAR FALLS RESORT MOTEL	Penalty Assessed - Board of Health	1/28/2014	TCR
T0563	FREEDOM RV PARK	Proposed Penalty	1/15/2014	TCR/GWR
972	GENERAL WATER CONDITIONING	Warning of Administrative Order	4/11/2014	TCR/PN
972	GENERAL WATER CONDITIONING	Administrative Order	10/7/2014	TCR/PN
T0258	HOLIDAY HILLS RESORT	Warning of Administrative Order	10/6/2014	TCR
T0332	HOUSE OF BLESSINGS	Warning of Administrative Order	11/4/2014	TCR/GWR
T0406	OZARK REGULAR BAPTIST CAMP	Administrative Order	1/13/2014	TCR/PN
T0414	PARKWAY TRAVEL PARK	Proposed Penalty	1/17/2014	TCR/GWR
1018	Parthenon Church of God	Warning of Administrative Order	10/6/2014	TCR/SWTR
936	RIVERSIDE RETREAT	Warning of Administrative Order	3/5/2014	TCR

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Appendix K - Enforcement Actions

PWS ID	System Name			Retail population served
T0399	STATION ONE	Proposed Penalty	1/17/2014	TCR
T0524	SUNRISE POINT RESORT	Warning of Administrative Order	10/6/2014	TCR/SWTR/PN
T1108	THE ROADHOUSE	Proposed Penalty	1/2/2014	TCR
T0550	THREE OAKS RESORT	Warning of Administrative Order	7/9/2014	TCR
T0550	THREE OAKS RESORT	Administrative Order	9/9/2014	TCR
T0682	USCOE MIP5 COTTONSHED	Warning of Administrative Order	7/9/2014	TCR
T0788	USFS HORSEHEAD BATHHOUSE	Warning of Administrative Order	11/4/2014	TCR
T0852	WHITE RIVER CAMPGROUND	Warning of Administrative Order	2/5/2014	TCR/SWTR
T0852	WHITE RIVER CAMPGROUND	Administrative Order	8/5/2014	TCR/SWTR

PWS type: P

PWS	System Name	Enforcement Action	Date Issued	Rule Violated
T0045	ARK ST PARK-QUEEN WILHELMENA	Warning of Administrative Order	10/6/2014	TCR/SWTR
T1110	ARK STATE PARK MT MAGAZINE	Administrative Order	3/5/2014	DBP
731	BIGGERS BLUFF DEVELOPMENT	Warning of Administrative Order	12/9/2014	TCR/DBP (lic)/CCR
N0106	GREAT LAKES CHEMICAL WEST	Warning of Administrative Order	2/5/2014	TCR