



**Arkansas
Department
of Health**

Drinking Water Program

Annual Report

Public Water System Supervision Program

Calendar Year 2015

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INTRODUCTION

Arkansas Land Use (2015 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 (2015 U. S. Census Bureau Estimate) 2,978,204

Population served by public water systems	2,842,343
Population served by surface water systems	1,844,371
Population served by ground water systems	850,418
Population served by ground & surface systems	147,554

% population served by community public water systems	95.4%
% population served by individual private wells or other source	4.6%

Total number of public water systems active during 2015 1082

Number of community public water systems	695
Number of transient non-community public water systems	354
Number of non-transient non-community public water systems	33
Number of systems using surface water	415
Number of systems using ground water	638
Number of systems using ground & surface	29

Total average daily water used by public water systems (estimate MGD) 556

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 2015. 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 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 2015 for contaminants and rules not shown in the violation tables.
- There were 1082 public water systems in operation during 2015. Six hundred and ninety five (695) were community water systems, thirty three (33) were non-transient, non-community water systems, and three hundred and fifty four (354) were transient non-community water systems.
- A total of three hundred and four (304) major monitoring violations occurred for public water systems during 2015. One hundred and four (104) were for (67) community water systems, two (2) violations were for (2) non-transient, non-community water systems, one hundred and seventy (170) violations were for (76) transient non-community water systems, and twenty eight (28) violations for fifteen (15) systems who were active in CY2015 but are now inactive and non-public.
- A total of three hundred and fourteen (314) Maximum Contaminant Level (MCL) or Treatment Technique (TT) violations were issued in 2015 for one hundred and fifty two (152) systems. Two Hundred and fifty four (254) violations for (127) community water systems, fourteen (14) violations for (9) non-transient, non-community water systems, and thirty two (32) violations for (12) transient non-community water systems and fourteen(14) violations for four (4) systems which were active in CY2015 but are now inactive and non-public..
- No variances or exemptions were issued to any public water system in Arkansas during the calendar year 2015.
- 95.9% 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, HAA) 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 three (3) inorganic chemical (MCL) violations, two (2) violations at (2)non-transient-non-community systems whose source contains naturally occurring Fluoride and one (1) chlorite violation at (1) community system.
- 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	99.8%	96.6%	96.5%
Person months exposure	47192	1126486	1173678
Person months possible	33538836	33538836	33538836

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 2015**) 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 2015 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				65/64/0/1	20/19/0/1		
Stage 1 DBPR	0999						0/0/0/0	0/0/0/0
Chlorite	1009	1.0	1/1/0/0	1/1/0/0			0/0/0/0	0/0/0/0
Total Haloacetic Acids (HAA5)	2456	0.060	4/4/0/0	2/2/0/0				
Total Organic Carbon	2920				5/5/0/0	2/2/0/0		
Total Trhhalomethanes (TTHM)	2950	0.08	90/85/0/5	43/41/0/2				
Subtotal			95/35/0/3	45/43/0/2	70/69/0/1	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	2/2/0/0	2/2/0/0				
Non-Acute MCL violation	22	Presence	97/79/12/6	82/68/9/5				
Major routine monitoring	23						156/52/102/2	109/37/70/2
Major routine monitoring	24						67/52/15/0	63/49/14/0
Major follow up monitoring	25						21/10/10/1	19/9/9/1
Monitoring(TCR), Repeat Minor	26						7/4/2/1	7/4/2/1
Subtotal			99/81/12/6	84/70/9/5			251/118/129/4	198/99/95/4

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						27/1/26/0	8/1/7/0
Monitoring, routine/filter turbidity	38						20/4/16/0	7/2/5/0
Treatment techniques	41				13/5/8/0	6/4/2/0		
Failure to filter	42				8/0/8/0	2/0/2/0		
Treatment Tech > Turb 1 NTU	43				4/3/1/0	2/1/1/0		
Treatment Tech > Turb 3 NTU	44				1/1/0/0	1/1/0/0		
Subtotal					26/9/17/0	11/6/5/0	47/5/42/0	15/3/12/0

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						13/13/0/0	10/10/0/0
Failure to Conduct Consumer Notice	66						35/34/0/1	31/30/0/1
Treatment Installation	58				0/0/0/0	0/0/0/0		
Public education	65				2/2/0/0	2/2/0/0		
Subtotal					2/2/0/0	2/2/0/0	50/49/0/1	43/42/0/1

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						89/87/1/1	74/72/1/1
60nsumer Confidence Report	72						69/67/1/1	60/58/1/1
Public Notification	75						238/96/137/5	104/44/57/3
Subtotal							396/250/139/7	238/174/59/5

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), nontransient 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 (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 picocuries/liter. Gross alpha includes radium-226 but excludes radon and uranium.

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

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

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

Reporting Interval: The reporting interval for violations reported in the, 2015 PWS Annual Compliance Report, is January 1, 2015 through December 31, 2015.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

VARIANCES AND EXEMPTIONS

Variances 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 2015.

ENFORCEMENT DEFINITIONS

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

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

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

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

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

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

SUMMARY OF FORMAL ENFORCEMENT ACTIONS

Following is a summary of the enforcement actions taken in 2015.

Community Public Water Systems

State Formal Notification of Violation (SFJ).....	47
Administrative Orders Issued (SFL).....	26
Proposed Penalties Issued (SFN).....	13
Penalties Suspended – Board of Health (SFO).....	0
Penalties Assessed – Bilateral Compliance Agreements (SFK).....	0
Penalties Assessed – Board of Health (SFM).....	9
Total Enforcement Actions for CWSs.....	95

Non-Transient Non-Community Systems

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

Transient Non-Community Systems

State Formal Notification of Violation (SFJ).....	15
Administrative Orders Issued (SFL).....	5
Proposed Penalties Issued (SFN).....	7
Penalties Suspended – Board of Health (SFO).....	0
Penalties Assessed – Bilateral Compliance Agreements (SFK).....	0
Penalties Assessed – Board of Health (SFM).....	5
Total Enforcement Actions for Transient NC.....	32

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 systems 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 2015, Arkansas Rural Water Association assisted in 559 hours of technical assistance in the Financial and Managerial contract and 1526 hours of technical assistance hours in the Technical and Operational contract. They participated in one Comprehensive Performance Evaluation during the year. Some examples of direct assistance hours provided by the Contractors include rate studies, 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 systems were also provided with a 24" by 36" laminated map of the distribution system for office use. In 2015, MRS completed 37 assessment reports, collected GPS data at 37 water systems, and installed and trained 37 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 2015, 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.

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 2015, there were approximately three hundred twenty three (323) sanitary surveys performed. Two hundred twenty four (224) Sanitary Surveys were performed on the state's community water systems, Ninety two (92) Sanitary Surveys were performed on transient non-community water systems, seven (7) on non-transient non-community water systems. Five (5) of these systems, all Non-Community, became inactive in 2015 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 2015 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 12 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 2015, 1082 PWS systems serving 2,842,343 people were active in Arkansas. Six (6) PWS reached substantial implementation status in 2015, with 695 community public water systems serving 1,831,541 people reaching substantial implementation status. This represents 54.6% of the community PWS and 64.5% of the population served in Arkansas.

The source water assessment program staff—2 geologists and 1 EHS all year, 1 EHS for 10 months— completed a total of six (6) Phase I Delineation Wellhead Protection (WHP) reports covering ten (10) wells and one (1) Phase II Potential Sources of Contamination (PSOC) Inventory WHP reports covering four (4) 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 91 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. In 2015, twenty four (24) PSOC map sets for PWS were completed. We anticipate completing the Phase 2 inventory reports on the contract PSOC data in 2016 and early 2017.

SWAP staff provided eleven (11) source water protection presentations, wrote nine (9) newsletter articles, and managed ten (10) information booths on source water protection on twenty eight (28) occasions, participated with other agencies regarding source protection one hundred eight (108) times, disseminated source water assessment reports (10) or technical assistance to public water suppliers (128), performed sixteen (16) public water supply well recommendations, reviewed drill cuttings for four (4) wells, and conducted 950 miscellaneous environmental permit reviews, including 32 AOGC Form 36 UIC evaluations and 4 additional UIC comment letters. Additional activities conducted (181 total logged) 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 2015. USGS completed a two year contract to update SWAP by 2015 and restored basic functionality to the Model. SWPP staff beta tested and filled data gaps for SWAP Version 2 Model during the review period, including improvements and expansion of Health Risk Codes incorporating Industrial site codes from other EPA regulatory programs. Reissuance of SWAP reports will begin in 2015, with priority given to new sources, once USGS completes enhancements to SWAP v.2 and ADH is able to batch process report issuance. USGS completed the 3rd yr. of a technical service contract to provide an interactive map of the Ozark Aquifer System by July 1, 2015. USGS completed a one year karst inventory for northern Arkansas under a technical service contract. SWPP staff is utilizing the karst inventory, and earlier karst/lineament geo-database and portions of the USGS Ozark framework (3 yr. contract) to improve accuracy of well recommendations and other technical support for PWS. SWPP anticipates replacing GIS EHS and adding a GIS Supervisor in anticipation of the roll out of SWAP V.2.

Cross-Connection Control Program

Long term approximately ninety (90) 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 2015, the cross-connection control engineer made forty-three (43) cross-connection program surveys at water utilities. Of these utilities, six (6) systems had no cross connection control program at all and nine (9) 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 four (4) classes. The cross-connection control engineer attended the TREEO backflow tester course. The cross-connection control engineer developed a pool of examination questions to be used to generate multiple tester license examinations.

Comprehensive Performance Evaluations

A total of one (1), Comprehensive Performance Evaluations (CPE) were conducted during calendar year 2015. 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 2015, a CPE was conducted at the Montgomery County Regional water system.

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 2015 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.

The second round of source monitoring for *Cryptosporidium* and *E. coli* for large systems began in July 2014 (early). Training continues to be provided for the second round 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 began Round 2 monitoring for *E. coli* in January 2015.

Grading for monitoring and reporting requirements will be conducted monthly for 24 months for each of the large and small system sources. To date there have not been any violations issued for failure to conduct source monitoring for *Cryptosporidium* or *E. coli* for small systems. Source water monitoring data will be used to categorize the source water *Cryptosporidium* concentration into one of four "bin" classifications based on the average concentration of the pathogen in the source water. The 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 are being 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. Eight (8) 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 one hundred twenty-seven (127) OEL exceedance notifications were issued in calendar year 2015. Eighty (80) OEL reports were received in calendar year 2015.

Ground Water Rule: The ADH began implementation of the GWR in December 2009. During the calendar year 2015, 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 590 ground water systems with a total of 1125 ground water well sources during the 2015 calendar year. From this subset of systems approximately 271 routine distribution system samples tested total coliform positive and triggered source water monitoring was necessary. A total of three (3) system sources tested E. coli positive and required additional raw water E. coli monitoring. Two (2) 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 113 groundwater consecutive systems were tracked monthly to assure their special GWR compliance criteria.

Among the water systems receiving other technical assistance related to disinfection byproducts in 2015 were; Mayflower, Brinkley, Hope, Bodcaw, SAWS, Buena Vista Ogemaw, Montgomery Co., Little River Co. RDA, Riviera, Paron Owensville, Lake Village, Lake Chicot, Chicot Junction, Hacket, Kibler, and Pangburn. 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, Chlorine decay studies, plant and distribution system profiling, and water system inspections.

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 2015 were; Brinkley, Buena Vista Ogemaw, Chicot Junction, Lake Chicot, Lake Village, Little River County, Mayflower, Paron Owensville, Riviera, and SAWS.

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 a Comprehensive Performance Evaluation, 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: Amity, Blanchard Springs, Central Arkansas Water, Centerton, Clarksville, Gillham, Gunner Pool, Kimzey, Pangburn, and Rambo.

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 2015, summer interns checked the calibration of 336 turbidimeters, 62 pH meters, and 100 chlorine analyzers at 35 surface water treatment plants. Only 78% of the turbidimeters, 60% of the pH Meters, and 84% of the chlorine analyzers were found to be in calibration.

In addition, the intern reviewed the bacteriological sample data and GIS system data for 20 water systems and had the following findings:

- 4 systems needed to update the GIS system with new sample sites.
- 5 systems needed to update their bacteriological sample site plans in order to adequately cover their service area.
- There is clear tendency among system operators to use sites that are close or convenient and to not use the more remote sample sites.

Water Operator Licensing and Training

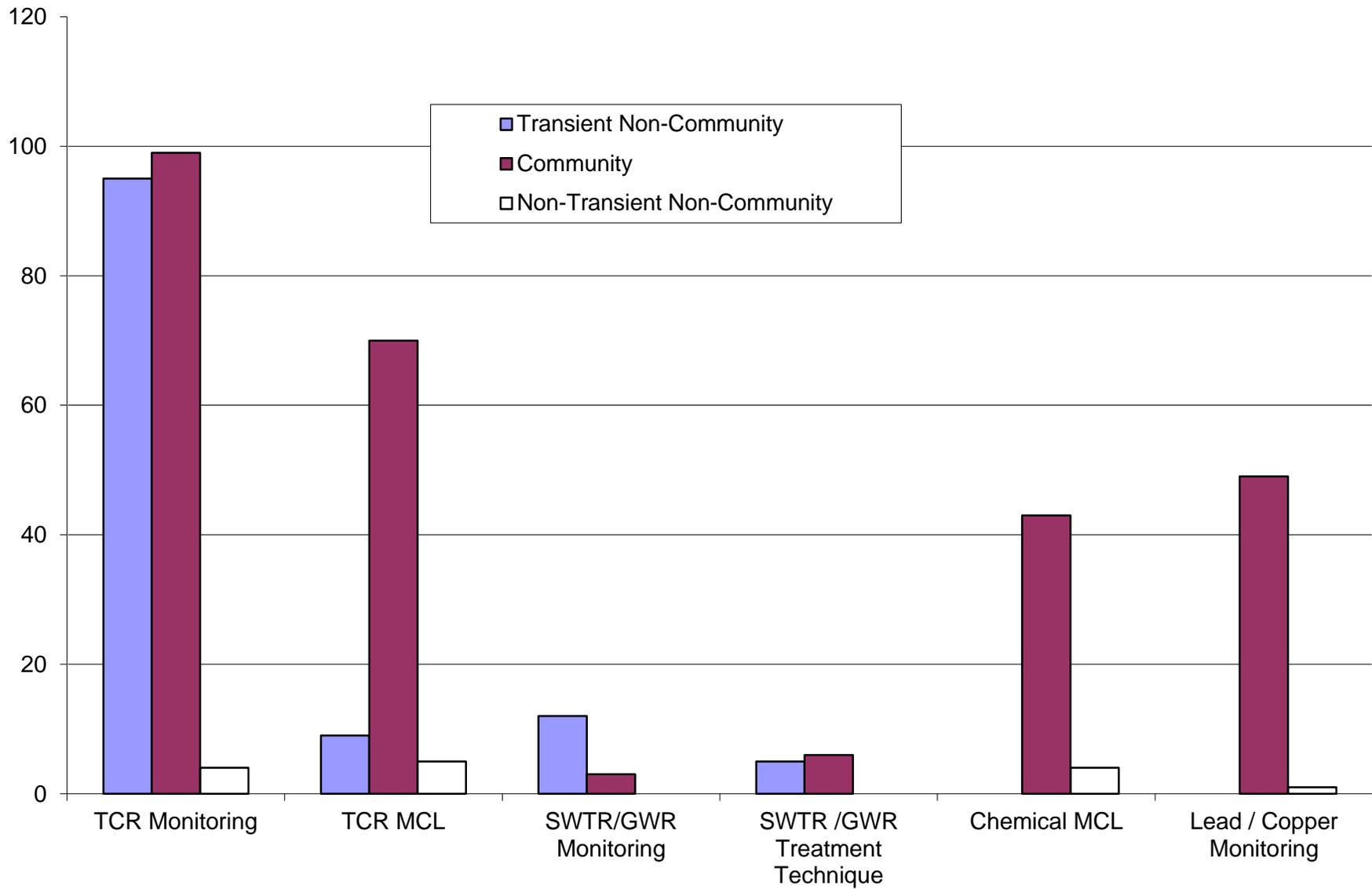
The purpose of licensing and training water operators is to ensure that all public water systems in the State of Arkansas are maintained by personnel who have shown their competence and knowledge of the public health and scientific principles necessary to produce and deliver adequate quantities of water 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 51 classroom courses in calendar 2015. In addition, they conducted 24 internet based mandatory training courses in calendar year 2015. The Arkansas Rural Water Association provided 22 courses in calendar year 2015. 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 14 times in calendar year 2015. A total of 111 mandatory training sessions were offered by the three approved training organizations in calendar year 2015. Courses offered continue to decrease as the impact of lost OpCert Grant funds and SRF Set-Aside funds has decreased available monies for conducting training courses. The decreased number of courses has resulted in some classes have larger than ideal participant numbers and additional travel cost to obtain needed training to reach the available courses.

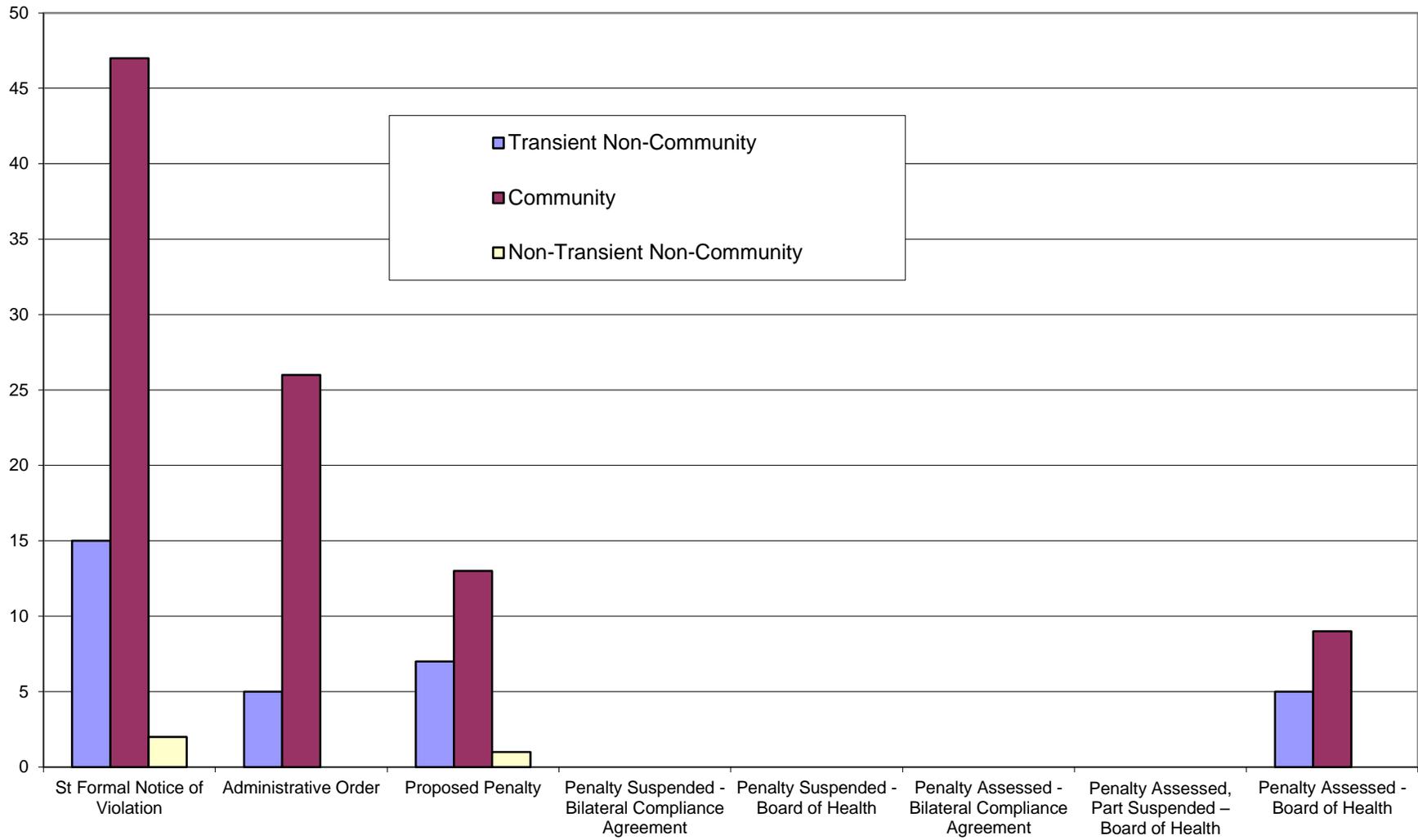
A large number of approved general and specialized training courses are provided to assist licensed operator in meeting their continuing education requirements for license renewal. The courses are offered through conferences, general meetings, and workshops, and are provided by the Arkansas Water Works 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 2015, approximately 419 water operator license exams were administered, 189 water operator licenses were issued, and 83 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 2072 active licensed water operators at the end of calendar year 2015. They held 3053 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	11/1/2015	39
259	OXFORD WATERWORKS	21	3/1/2015	1074

Appendix B - Microbiological Maximum Contaminant Level Violations

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
282	ADC - TUCKER UNIT MAINT	22	5/1/2015	1500
282	ADC - TUCKER UNIT MAINT	22	10/1/2015	1500
796	ADC EAST ARKANSAS REGIONAL	22	2/1/2015	1536
796	ADC EAST ARKANSAS REGIONAL	22	3/1/2015	1536
796	ADC EAST ARKANSAS REGIONAL	22	4/1/2015	1536
271	ALTHEIMER WATERWORKS	22	6/1/2015	918
790	AR DEPT OF CORRECTION IZARD CO	22	7/1/2015	800
890	AUTUMN ACRES MHP	22	7/1/2015	88
1178	BAXTER-MARION REGIONAL WATER	22	6/1/2015	525
519	BEN LOMOND WATERWORKS	22	11/1/2015	120
871	BENTON-WASHINGTON REGIONAL PWA	22	7/1/2015	17
476	BIGGERS WATERWORKS	22	11/1/2015	378
233	BLEVINS WATERWORKS	22	2/1/2015	335
014	BOYDELL WATER ASSOCIATION	22	3/1/2015	133
014	BOYDELL WATER ASSOCIATION	22	6/1/2015	133
366	BURDETTE WATERWORKS	22	11/1/2015	597
003	CALICO ROCK WATERWORKS	22	7/1/2015	1840
661	CHICOT JUNCTION WATER ASSOC	22	4/1/2015	779
403	CHIDESTER WATERWORKS	22	1/1/2015	534
403	CHIDESTER WATERWORKS	22	3/1/2015	534
289	CLARKSVILLE WATERWORKS	22	8/1/2015	9288
669	COMPTON WATERWORKS	22	6/1/2015	811
119	CONWAY CO REGIONAL WATER DIST	22	6/1/2015	18943
596	COTTON PLANT WATERWORKS	22	1/1/2015	1025
596	COTTON PLANT WATERWORKS	22	5/1/2015	1025
539	EASTSIDE HOMEOWNERS ASSOC	22	8/1/2015	201
539	EASTSIDE HOMEOWNERS ASSOC	22	9/1/2015	201
047	GARFIELD WATERWORKS	22	12/1/2015	630
738	GRAND PRAIRIE REGIONAL WATER	22	2/1/2015	13500
077	GREEN FOREST WATERWORKS	22	6/1/2015	5473
097	GREENWAY WATERWORKS	22	11/1/2015	322
097	GREENWAY WATERWORKS	22	12/1/2015	322
067	HERMITAGE WATERWORKS	22	7/1/2015	689

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Appendix B

Appendix B - Microbiological Maximum Contaminant Level Violations

011	HUGHES COMMUNITY WATER ASSOC	22	9/1/2015	2226
531	HUGHES WATERWORKS	22	8/1/2015	1441
553	HUTTIG WATERWORKS	22	6/1/2015	777
781	INDIAN SWITCH RURAL WATER ASSN	22	5/1/2015	730
684	LACEY-LADELLE WATER ASSOCIATIO	22	11/1/2015	1315
031	LAKE BULL SHOALS ESTATES WATER	22	9/1/2015	54
420	LAKE VIEW MUNICIPAL WATER	22	1/1/2015	638
288	LAMAR WATERWORKS	22	6/1/2015	1885
793	LAURELWOOD HOMEOWNERS ASSOCIATION	22	8/1/2015	90
747	LEISURE HILLS MOBILE HOME PARK	22	6/1/2015	117
572	LINCOLN WATERWORKS	22	7/1/2015	6353
001	MARYSVILLE WATER ASSOCIATION	22	4/1/2015	738
438	MENA WATER DEPT	22	1/1/2015	7777
020	MONTROSE WATERWORKS	22	6/1/2015	391
633	MUNDELL HEIGHTS WATERWORKS	22	6/1/2015	188
867	N GARLAND CO REG WATER DIST	22	12/1/2015	6455
697	NE YELL COUNTY WATER ASSOC	22	8/1/2015	5955
033	NORTH EAST PUBLIC WATER AUTH	22	6/1/2015	3811
012	NORTH LAGRUE WATER ASSOC	22	11/1/2015	299
007	NORTHEAST DEWITT WATER ASSOC	22	11/1/2015	677
019	PARKDALE WATERWORKS	22	3/1/2015	288
623	PERLA WATER ASSOCIATION	22	3/1/2015	1900
623	PERLA WATER ASSOCIATION	22	4/1/2015	1900
090	PIGGOTT WATERWORKS	22	12/1/2015	4251
040	RAMBO WATER DISTRICT #1 INC	22	5/1/2015	90
477	RAVENDEN SPRINGS WATERWORKS	22	6/1/2015	143
475	REYNO WATERWORKS	22	2/1/2015	445
851	SOUTH LOGAN COUNTY WATER	22	6/1/2015	1540
836	ST FRANCIS RIVER REG WATER DD	22	5/1/2015	2482
318	STAR CITY WATER WATERWORKS	22	5/1/2015	2842
318	STAR CITY WATER WATERWORKS	22	7/1/2015	2842
755	STARLIGHT ESTATES	22	1/1/2015	42
307	STRAWBERRY WATERWORKS	22	4/1/2015	954
882	SYLAMORE VALLEY WATER ASSN	22	3/1/2015	270
618	TOLLETTE WATER	22	5/1/2015	339

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Appendix B

Appendix B - Microbiological Maximum Contaminant Level Violations

426	TYRONZA WATERWORKS	22	9/1/2015	852
195	VILONIA WATERWORKS	22	4/1/2015	23177
116	WALKER WATER ASSOCIATION	22	4/1/2015	1183
298	WALNUT HILL WATER ASSOCIATION	22	6/1/2015	275
1133	WARD MOBILE HOME PARK	22	6/1/2015	63
1133	WARD MOBILE HOME PARK	22	8/1/2015	63
428	WEINER WATERWORKS	22	6/1/2015	1013
156	WEST MEMPHIS WATERWORKS	22	8/1/2015	28000
650	WILLISVILLE WATERWORKS	22	8/1/2015	448
188	WINCHESTER WATERWORKS	22	6/1/2015	444
642	WINTHROP WATER ASSOCIATION	22	5/1/2015	410

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
T0885	BOLL WEEVIL	22	3/1/2015	300
T0885	BOLL WEEVIL	22	4/1/2015	300
T0116	FERNCLIFF CAMP CONFER CENTER	22	3/1/2015	162
T0563	FREEDOM RV PARK	22	10/1/2015	25
945	HOT SPRINGS ORV PARK	22	2/1/2015	80
1094	J & J WATER SPORTS	22	2/1/2015	50
1094	J & J WATER SPORTS	22	3/1/2015	50
1015	Ozark mountain Gallery	22	4/1/2015	25
N0211	PRIMO REFILL LLCVB WMSC 16	22	5/1/2015	30
T0484	SANDRA D'S GROCERY & FUEL STOP	22	1/1/2015	25
T1106	WATER WAGON	22	7/1/2015	25
T1106	WATER WAGON	22	8/1/2015	25

PWS type: P

PWS	System Name	SDWIS Code	Violation Date	Retail population
N0129	AHTD MARION COUNTY	22	8/1/2015	25
T1110	ARK STATE PARK MT MAGAZINE	22	5/1/2015	128
N0052	CLEARWATER PAPER CORPORATION	22	9/1/2015	339
N0029	Great Lakes Chemical South	22	6/1/2015	240
N0029	Great Lakes Chemical South	22	7/1/2015	240
N0126	TRINITY BEHAVIORAL HEALTH	22	10/1/2015	30

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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	2/1/2015	406
721	AURELLE WATER SYSTEM	23	3/1/2015	296
519	BEN LOMOND WATERWORKS	23	1/1/2015	120
519	BEN LOMOND WATERWORKS	23	2/1/2015	120
519	BEN LOMOND WATERWORKS	23	5/1/2015	120
403	CHIDESTER WATERWORKS	23	2/1/2015	534
290	COAL HILL WATERWORKS	23	8/1/2015	1300
340	COY WATERWORKS	23	5/1/2015	256
367	DELL WATERWORKS	23	11/1/2015	1498
083	EUDORA WATERWORKS	23	3/1/2015	1763
351	FLIPPIN WATERWORKS	23	11/1/2015	3625
358	FOUKE WATERWORKS	23	2/1/2015	865
658	GILLHAM REGIONAL WATER DIST	23	7/1/2015	3
658	GILLHAM REGIONAL WATER DIST	23	9/1/2015	3
516	GILLHAM WATERWORKS	23	7/1/2015	300
516	GILLHAM WATERWORKS	23	9/1/2015	300
070	HAMPTON WATERWORKS	23	9/1/2015	1695
506	HARTFORD WATERWORKS	23	1/1/2015	655
506	HARTFORD WATERWORKS	23	2/1/2015	655
506	HARTFORD WATERWORKS	23	3/1/2015	655
506	HARTFORD WATERWORKS	23	9/1/2015	655
506	HARTFORD WATERWORKS	23	10/1/2015	655
749	HWY 64 WATER ASSOCIATION	23	11/1/2015	228
640	JOHNSON TOWNSHIP WATER ASSOC	23	12/1/2015	813
726	LAKESHORE ESTATES WATER ASSN	23	11/1/2015	644
619	MAYNARD WATERWORKS	23	12/1/2015	470
1141	MILLER COUNTY PUBLIC WATER	23	1/1/2015	355
1141	MILLER COUNTY PUBLIC WATER	23	2/1/2015	355
1141	MILLER COUNTY PUBLIC WATER	23	3/1/2015	355
1141	MILLER COUNTY PUBLIC WATER	23	4/1/2015	355
1141	MILLER COUNTY PUBLIC WATER	23	5/1/2015	355
1141	MILLER COUNTY PUBLIC WATER	23	6/1/2015	355
409	MILLWOOD WATER CORPORATION	23	2/1/2015	487
002	MOUNT HOLLY WATERWORKS	23	11/1/2015	384
1075	NORTH HOWARD RURAL WATER	23	2/1/2015	964
322	OGDEN WATERWORKS	23	3/1/2015	495

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Appendix C - Microbiological Monitoring - No Valid Samples

559	OLD UNION WATER ASSOCIATION	23	10/1/2015	1233
019	PARKDALE WATERWORKS	23	8/1/2015	288
649	PENDLETON-PEA RIDGE WATER ASSN	23	10/1/2015	988
172	PICKENS WATERWORKS	23	9/1/2015	84
818	PIKE CITY WATER ASSN	23	6/1/2015	321
354	PYATT WATERWORKS	23	12/1/2015	225
084	READLAND-GRANDLAKE WATER ASSOC	23	3/1/2015	223
395	ROSSTON WATER DEPARTMENT	23	6/1/2015	620
556	STRONG WATERWORKS	23	3/1/2015	899
891	TALL OAKS MHP	23	6/1/2015	17
137	VANDERVOORT WATERWORKS	23	9/1/2015	685
137	VANDERVOORT WATERWORKS	23	12/1/2015	685
283	WABBASEKA WATERWORKS	23	5/1/2015	352
1133	WARD MOBILE HOME PARK	23	2/1/2015	63
1133	WARD MOBILE HOME PARK	23	10/1/2015	63
642	WINTHROP WATER ASSOCIATION	23	12/1/2015	410

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
T0323	101 Great American Diner	23	2/1/2015	32
T0323	101 Great American Diner	23	9/1/2015	32
T0323	101 Great American Diner	23	10/1/2015	32
1089	101 GROCERY	23	2/1/2015	25
T0171	ANGLERS GRILL	23	7/1/2015	50
T0171	ANGLERS GRILL	23	8/1/2015	50
960	ANTIOCH CHURCH	23	8/1/2015	75
960	ANTIOCH CHURCH	23	9/1/2015	75
T0061	BARN CAFÉ	23	1/1/2015	25
T0061	BARN CAFÉ	23	2/1/2015	25
T0068	BAYOU RESORT	23	2/1/2015	25
T1086	BEAR CREEK COUNTRY STORE	23	4/1/2015	50
T1086	BEAR CREEK COUNTRY STORE	23	8/1/2015	50
T1086	BEAR CREEK COUNTRY STORE	23	10/1/2015	50
T0751	BEAVER RV PARK	23	5/1/2015	100
T0751	BEAVER RV PARK	23	10/1/2015	100
T0083	BOGG SPRINGS BAPTIST CAMP	23	6/1/2015	800
T1083	BRADY MOUNTAIN RESORT & MARINA	23	11/1/2015	1000
T0102	BYRD'S ADVENTURE CENTER, INC.	23	8/1/2015	25
T0114	CAMP CANFIELD	23	7/1/2015	100

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Appendix C - Microbiological Monitoring - No Valid Samples

T0120	CAMP KIA KIMA	23	7/1/2015	500
T1095	CATALPA GENERAL STORE	23	3/1/2015	30
938	CHRISTIAN LIFE CHURCH OF NW AR	23	7/1/2015	50
T1080	CITGO FLASH MARKET	23	1/1/2015	250
T1080	CITGO FLASH MARKET	23	2/1/2015	250
T1080	CITGO FLASH MARKET	23	3/1/2015	250
1171	CK QUICK STOP	23	8/1/2015	25
1171	CK QUICK STOP	23	9/1/2015	25
1171	CK QUICK STOP	23	12/1/2015	25
T1103	CLOUD 9 RV PARK	23	8/1/2015	50
1148	COUNTRY BURGERS	23	1/1/2015	25
T0563	FREEDOM RV PARK	23	1/1/2015	25
T0563	FREEDOM RV PARK	23	2/1/2015	25
T0563	FREEDOM RV PARK	23	11/1/2015	25
972	GENERAL WATER CONDITIONING	23	2/1/2015	30
972	GENERAL WATER CONDITIONING	23	8/1/2015	30
972	GENERAL WATER CONDITIONING	23	10/1/2015	30
1079	GLACIER 42175 HARRISON	23	12/1/2015	30
1109	GLACIER ELMWOOD EXPRESS	23	6/1/2015	30
1168	GLACIER FAMD7888 SPRINGDALE	23	5/1/2015	60
1168	GLACIER FAMD7888 SPRINGDALE	23	6/1/2015	60
1099	GLACIER FTRAX4451 SPRINGDALE	23	6/1/2015	30
1099	GLACIER FTRAX4451 SPRINGDALE	23	11/1/2015	30
1124	GLACIER HM1 SPRINGDALE	23	6/1/2015	30
1084	GLACIER MERC101 SPRINGDALE	23	6/1/2015	30
1144	GLACIER SHILOH EXPRESS	23	6/1/2015	30
1085	GLACIER SMERC 1900 SPRINGDALE	23	6/1/2015	30
T0611	H K THATCHER LOCK AND DAM	23	8/1/2015	25
T0611	H K THATCHER LOCK AND DAM	23	9/1/2015	25
981	HARVEST CHURCH	23	10/1/2015	75
981	HARVEST CHURCH	23	11/1/2015	75
T0332	HOUSE OF BLESSINGS	23	10/1/2015	60
T0312	LAKE LEATHERWOOD CAMPGROUND	23	7/1/2015	25
T1092	Lake Norfolk Ozark Mountain Lodge	23	1/1/2015	50
T1092	Lake Norfolk Ozark Mountain Lodge	23	2/1/2015	50
T1092	Lake Norfolk Ozark Mountain Lodge	23	3/1/2015	50
T1092	Lake Norfolk Ozark Mountain Lodge	23	4/1/2015	50
T1092	Lake Norfolk Ozark Mountain Lodge	23	5/1/2015	50
T1092	Lake Norfolk Ozark Mountain Lodge	23	6/1/2015	50

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Appendix C - Microbiological Monitoring - No Valid Samples

T1092	Lake Norfolk Ozark Mountain Lodge	23	7/1/2015	50
T1092	Lake Norfolk Ozark Mountain Lodge	23	8/1/2015	50
T1092	Lake Norfolk Ozark Mountain Lodge	23	9/1/2015	50
T1092	Lake Norfolk Ozark Mountain Lodge	23	10/1/2015	50
T0326	LESTER FLATT MEMORIAL PARK	23	9/1/2015	70
T0373	MOOSE LODGE 1953	23	7/1/2015	220
1198	NWS INC. WF0317 LITTLE ROCK	23	4/1/2015	30
T0391	OARK GEN STORE	23	11/1/2015	150
T0426	PIER 27	23	3/1/2015	25
1065	PRIMO HF134 GREEN FOREST	23	11/1/2015	30
N0139	PRIMO REFILL LLC BENTON WAL-MART 85	23	10/1/2015	30
1153	PRIMO REFILL LLC WMSC 0083 MAGNOLIA	23	8/1/2015	30
939	PRIMO REFILL LLC WMSC0167 CROSSETT	23	6/1/2015	30
N0154	PRIMO REFILL LLELDORADO WAL-M530	23	10/1/2015	30
N0165	PRIMO REFILL LLCFT SMITH WAL-MA141	23	11/1/2015	30
N0176	PRIMO REFILL LLCHEBER SPRING WAL281	23	2/1/2015	30
N0219	PRIMO REFILL LLCWMSC0119 BATESVILLE	23	8/1/2015	30
1156	PRIMO REFILL WMSC5666 LR	23	3/1/2015	30
1186	PRIMO WNM6971 PEA RIDGE	23	11/1/2015	30
1186	PRIMO WNM6971 PEA RIDGE	23	12/1/2015	30
T0467	RIVERSIDE RESORT AT KINGS RIVER	23	10/1/2015	25
936	RIVERSIDE RETREAT	23	5/1/2015	25
T0470	ROADRUNNER INN	23	5/1/2015	25
1132	Rock House Bar and Grill	23	12/1/2015	205
T0472	ROCKING CHAIR RANCH	23	12/1/2015	84
T1097	ROOST YOUR WHEELS	23	6/1/2015	120
T1097	ROOST YOUR WHEELS	23	8/1/2015	120
T1085	RUSSELL'S RV PARK	23	10/1/2015	165
928	SADDLER FALLS RESORT	23	6/1/2015	30
T0484	SANDRA D'S GROCERY & FUEL STOP	23	3/1/2015	25
T0399	STATION ONE	23	3/1/2015	50
T0524	SUNRISE POINT RESORT	23	8/1/2015	76
1047	T & T DOLLAR STORE FS	23	9/1/2015	30
T0550	THREE OAKS RESORT	23	5/1/2015	40
T1053	USCOE NF HOWARD COVE	23	9/1/2015	100
T1053	USCOE NF HOWARD COVE	23	10/1/2015	100
T0709	USCOE OC - BRADY MTN	23	10/1/2015	100
T0766	USFS BAYOU BLUFF	23	9/1/2015	25
T0808	USFS RICHLAND CREEK	23	9/1/2015	25
T0832	WAGON WHEEL RESTAURANT	23	9/1/2015	150
1192	YGAP ASHDOWN	23	10/1/2015	30
1190	YGAP GLENWOOD	23	10/1/2015	30
1204	YGAP TEXARKANA 2	23	10/1/2015	30

PWS type: P

PWS	System Name	SDWIS Code	Violation Date	Retail population
N0014	BRUNO PYATT SCHOOL	23	12/1/2015	300
N0025	GENOA CENTRAL SCHOOL	23	2/1/2015	1128

Appendix D - Microbiological Monitoring - No resamples of Positive Samples

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
512	BARLING WATERWORKS	25	11/1/2015	4238
519	BEN LOMOND WATERWORKS	25	8/1/2015	120
358	FOUKE WATERWORKS	25	7/1/2015	865
516	GILLHAM WATERWORKS	25	4/1/2015	300
518	HORATIO WATERWORKS	25	12/1/2015	1529
136	MULBERRY WATERWORKS	25	10/1/2015	1603
1075	NORTH HOWARD RURAL WATER	25	1/1/2015	964
1133	WARD MOBILE HOME PARK	25	4/1/2015	63
1133	WARD MOBILE HOME PARK	25	5/1/2015	63
642	WINTHROP WATER ASSOCIATION	25	6/1/2015	410

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
T0323	101 Great American Diner	25	5/1/2015	32
T1086	BEAR CREEK COUNTRY STORE	25	7/1/2015	50
1155	BLUE BELL CAFE	25	8/1/2015	25
1155	BLUE BELL CAFE	25	9/1/2015	25
T0079	BLUE LADY RESORT	25	8/1/2015	45
1041	CUZN OZARK FOODS	25	6/1/2015	30
T0563	FREEDOM RV PARK	25	8/1/2015	25
T0326	LESTER FLATT MEMORIAL PARK	25	8/1/2015	70
T0373	MOOSE LODGE 1953	25	12/1/2015	220
T0852	WHITE RIVER CAMPGROUND	25	6/1/2015	250

PWS type: P

PWS	System Name	SDWIS Code	Violation Date	Retail population
N0189	R V A F TEXARKANA	25	12/1/2015	120

Appendix E - Surface Water Treatment Rule Monitoring

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
658	GILLHAM REGIONAL WATER DIST	36	10/1/2015	3

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
N0235	ALEXA SPRINGS WATER COMPANY	36	2/1/2015	25
N0074	ASHLEY MINERAL SPRING	36	3/1/2015	25
N0074	ASHLEY MINERAL SPRING	36	9/1/2015	25
N0074	ASHLEY MINERAL SPRING	36	10/1/2015	25
1155	BLUE BELL CAFE	36	1/1/2015	25
1155	BLUE BELL CAFE	36	2/1/2015	25
1155	BLUE BELL CAFE	36	7/1/2015	25
1155	BLUE BELL CAFE	36	8/1/2015	25
1155	BLUE BELL CAFE	36	9/1/2015	25
1155	BLUE BELL CAFE	36	9/1/2015	25
1155	BLUE BELL CAFE	36	10/1/2015	25
1155	BLUE BELL CAFE	36	12/1/2015	25
1018	Parthenon Church of God	36	1/1/2015	35
1018	Parthenon Church of God	36	9/1/2015	35
1018	Parthenon Church of God	36	10/1/2015	35
T0524	SUNRISE POINT RESORT	36	1/1/2015	76
T0524	SUNRISE POINT RESORT	36	2/1/2015	76
T0524	SUNRISE POINT RESORT	36	3/1/2015	76
T0524	SUNRISE POINT RESORT	36	4/1/2015	76
T0524	SUNRISE POINT RESORT	36	5/1/2015	76
T0524	SUNRISE POINT RESORT	36	6/1/2015	76
T0524	SUNRISE POINT RESORT	36	8/1/2015	76
T0524	SUNRISE POINT RESORT	36	10/1/2015	76
T0832	WAGON WHEEL RESTAURANT	36	7/1/2015	150
T0832	WAGON WHEEL RESTAURANT	36	9/1/2015	150
T0852	WHITE RIVER CAMPGROUND	36	7/1/2015	250

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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
603	DANVILLE WATERWORKS	41	8/31/2015	2567
334	SUBIACO ACADEMY WATERWORKS	41	7/31/2015	250
334	SUBIACO ACADEMY WATERWORKS	41	8/31/2015	250

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
1155	BLUE BELL CAFE	41	4/30/2015	25
1155	BLUE BELL CAFE	41	5/31/2015	25
1018	Parthenon Church of God	41	6/30/2015	35
1018	Parthenon Church of God	41	7/31/2015	35
1018	Parthenon Church of God	41	8/31/2015	35
1018	Parthenon Church of God	41	11/30/2015	35
1018	Parthenon Church of God	41	12/31/2015	35

Appendix G - Chemical Maximum Contaminant Level Violation

PWS type: C

PWS ID	System Name	SDWIS Code	Violation Definition	Violation Date	Retail population
871	BENTON-WASHINGTON REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	17
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	357
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	357
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	357
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	1203
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	1203
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	1203
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	1203
653	BRANCH WATER WORKS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	480
384	BRINKLEY WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	4281
384	BRINKLEY WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	4281
737	BUENA VISTA-OGEMAW WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	468
737	BUENA VISTA-OGEMAW WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	468
660	CASA WATER DEPT	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	1200

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Appendix G - Chemical Maximum Contaminant Level Violation

660	CASA WATER DEPT	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	1200
661	CHICOT JUNCTION WATER ASSOC	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	779
661	CHICOT JUNCTION WATER ASSOC	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	779
661	CHICOT JUNCTION WATER ASSOC	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	779
661	CHICOT JUNCTION WATER ASSOC	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	779
809	EAST LOGAN CO RURAL WATER	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	1918
809	EAST LOGAN CO RURAL WATER	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	1918
715	EAST MONROE COUNTY WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	966
715	EAST MONROE COUNTY WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	966
715	EAST MONROE COUNTY WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	966
715	EAST MONROE COUNTY WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	966
048	GENTRY WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	5385
505	HACKETT WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	963
402	HARMONY GROVE WATER ASSOC	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	1/1/2015	2303
402	HARMONY GROVE WATER ASSOC	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	4/1/2015	2303

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Appendix G - Chemical Maximum Contaminant Level Violation

402	HARMONY GROVE WATER ASSOC	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	10/1/2015	2303
546	HARMONY WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	362
602	HAVANA WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	1160
885	HIGHFILL WATER DEPARTMENT	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	1586
230	HOPE WATER LIGHT COMM	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	11500
765	HWY 4 24 WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	2507
765	HWY 4 24 WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	2507
765	HWY 4 24 WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	2507
765	HWY 4 24 WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	2507
513	JAMES FORK REGIONAL WATER	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	11384
140	KIBLER WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	1755
080	LAKE CHICOT WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	2038
080	LAKE CHICOT WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	2038
080	LAKE CHICOT WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	2038
313	LEE COUNTY WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	4760

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Appendix G - Chemical Maximum Contaminant Level Violation

313	LEE COUNTY WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	4760
773	MILLTOWN-WASHBURN WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	3628
773	MILLTOWN-WASHBURN WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	3628
773	MILLTOWN-WASHBURN WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	3628
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	0
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	0
951	MONTGOMERY CO REGIONAL PWA	1009	Maximum Contaminant Level Violation for Chlorite	6/1/2015	0
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	0
020	MONTROSE WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	391
020	MONTROSE WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	391
020	MONTROSE WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	391
020	MONTROSE WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	391
392	MOUNT IDA WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	3008
392	MOUNT IDA WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	3008
392	MOUNT IDA WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	3008

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Appendix G - Chemical Maximum Contaminant Level Violation

805	NASHVILLE RURAL WATER ASSOC	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	6958
805	NASHVILLE RURAL WATER ASSOC	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	6958
557	NEW LONDON WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	772
604	OLA WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	1117
1078	OZAN CREEK RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	675
883	PARON-OWENSVILLE WATER AUTH	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	2071
883	PARON-OWENSVILLE WATER AUTH	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	7/1/2015	2071
883	PARON-OWENSVILLE WATER AUTH	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	2071
883	PARON-OWENSVILLE WATER AUTH	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	2071
239	RIVIERA UTILITIES	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	1800
978	SOUTH PIKE CO. WATER	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	485
978	SOUTH PIKE CO. WATER	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	485
889	SOUTHWEST ARKANSAS WATER SYST	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	1698
889	SOUTHWEST ARKANSAS WATER SYST	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	1698
889	SOUTHWEST ARKANSAS WATER SYST	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	1698

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Appendix G - Chemical Maximum Contaminant Level Violation

889	SOUTHWEST ARKANSAS WATER SYST	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	1698
889	SOUTHWEST ARKANSAS WATER SYST	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	1698
360	TEXARKANA WATER UTILITIES	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	32097
360	TEXARKANA WATER UTILITIES	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	32097
782	TRI-COUNTY WATER DISTBR DIST	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	16671
782	TRI-COUNTY WATER DISTBR DIST	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	16671
782	TRI-COUNTY WATER DISTBR DIST	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	16671
460	WALDENBURG WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	181
298	WALNUT HILL WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	275
298	WALNUT HILL WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	275
574	WASHINGTON WATER AUTHORITY WWA	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	15734
574	WASHINGTON WATER AUTHORITY WWA	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	15734
535	WHEATLEY WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	447
021	WILMOT WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	550
021	WILMOT WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	550

Friday, June 03, 2016

Appendix G

Appendix G - Chemical Maximum Contaminant Level Violation

783	WIRE ROAD WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	822
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PWS type: P

PWS ID	System Name	SDWIS Code	Violation Definition	Violation Date	Retail population
T0045	ARK ST PARK-QUEEN WILHELMENA	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	203
T0045	ARK ST PARK-QUEEN WILHELMENA	2950	Maximum Contaminant Level Violation for TTHM	10/1/2015	203
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for TTHM	1/1/2015	128
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for TTHM	4/1/2015	128
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for TTHM	7/1/2015	128
N0241	HUTCHINSON REALTY	1025	Maximum Contaminant Level Violation for Fluoride	1/1/2015	55
932	MOUNTAIN DEVELOPMENT	1025	Maximum Contaminant Level Violation for Fluoride	1/1/2015	50

Appendix H - Radium Maximum Contaminant Level Violation

NO VIOLATIONS IN 2015

Tuesday, May 26, 2015

Appendix H

Appendix I - Lead & Copper Rule Monitoring & Treatment Technique (determined or pending resolution in 2015)

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	3/2/2015	865
373	KEISER WATERWORKS	52	Follow-up and Routine Tap Sampling	3/2/2015	1506
1075	NORTH HOWARD RURAL WATER ASSOCIATION	65	Public Education	4/29/2015	964
014	Boydell Water Association	65	Follow-up and Routine Tap	4/29/2015	133
014	Boydell Water Association	52	Follow-up and Routine Tap	7/28/2015	133
377	BASSETT WATERWORKS	52	Follow-up and Routine Tap Sampling	10/1/2011	173
261	CAMPBELL STATION WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2010	240
596	COTTON PLANT WATERWORKS	52	Follow-up and Routine Tap Sampling	10/1/2011	1025
596	COTTON PLANT WATERWORKS	52	Follow-up and Routine Tap Sampling	10/1/2015	1025
150	EARLE WATERWORKS	52	Follow-up and Routine Tap Sampling	10/1/2005	1836
358	FOUKE WATERWORKS	52	Follow-up and Routine Tap Sampling	10/1/2015	865
420	LAKE VIEW MUNICIPAL WATER	52	Follow-up and Routine Tap Sampling	1/1/2007	638
409	MILLWOOD WATER CORPORATION	52	Follow-up and Routine Tap Sampling	1/1/2007	487
1075	NORTH HOWARD RURAL WATER ASSOCIATION	65	Public Education	9/9/2014	964
1075	NORTH HOWARD RURAL WATER ASSOCIATION	52	Follow-up and Routine Tap Sampling	1/1/2013	964
806	WIEDERKEHR VILLAGE WATER DEPT	52	Follow-up and Routine Tap Sampling	1/1/2010	77
806	WIEDERKEHR VILLAGE WATER DEPT	52	Follow-up and Routine Tap Sampling	7/1/2011	77
806	WIEDERKEHR VILLAGE WATER DEPT	52	Follow-up and Routine Tap Sampling	7/1/2010	77
1091	LEATHERWOOD VIEW ESTATES	51	Initial Tap Sampling	7/1/2012	40
1075	NORTH HOWARD RURAL WATER ASSOCIATION	51	Initial Tap Sampling	7/1/2012	964

Appendix J - No Violations For This Calendar Year

PWS type: C

PWS ID	System Name	Retail population served
811	ACORN RURAL WATER ASSN	1903
315	ADC - CUMMINS UNIT MAINT	3800
663	AIRPORT ROAD WATER ASSOCIATION	576
303	ALICIA WATER SYSTEM	157
058	ALPENA WATERWORKS	550
764	ALPINE WATER ASSOCIATION	740
197	ALTUS WATERWORKS	2043
088	AMITY WATERWORKS	725
424	ANTOINE WATERWORKS	618
085	ARKADELPHIA WATERWORKS	10796
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	2284
689	BALD KNOB NORTH WATER ASSOC	2646
068	BANKS WATERWORKS	248
785	BARKADA WATER ASSOCIATION	381
415	BARTON LEXA WATER ASSOCIATION	4000
819	BASIN VALLEY WATER SYSTEM	376
377	BASSETT WATERWORKS	173
250	BATESVILLE WATER UTILITIES	12375
497	BAUXITE WATER	574
129	BAY WATERWORKS	1801
401	BEARDEN WATERWORKS	2407
038	BEAVER WATER DISTRICT	52
844	BEAVERFORK VOLUNTEER FD WSD	3097
904	BEDFORD FALLS MHP	105
462	BEE BRANCH WATER	3135
592	BEEBE WATERWORKS	7898
039	BELLA VISTA P.O.A.	26461
059	BELLEFONTE WATER	455
600	BELLEVILLE WATER	1103
037	BENTON CO WATER	5217
484	BENTON WATERWORKS	30681
041	BENTONVILLE WATER UTILITIES	40137
060	BERGMAN WATERWORKS	2805

Friday, June 03, 2016

Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
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	380
123	BLACK OAK WATERWORKS	449
302	BLACK ROCK WATERWORKS	698
365	BLYTHEVILLE WATERWORKS	16413
178	BOIS D'ARC WATER SYSTEM	50
126	BONO WATERWORKS	1971
336	BOONEVILLE DEVELOPMENT CENTER	275
326	BOONEVILLE WATERWORKS	5892
179	BOWSER WATER ASSN	569
587	BRADFORD WATERWORKS	825
054	BRADLEY CO RURAL WATER ASSN	1099
294	BRADLEY WATERWORKS	258
223	BRECKENRIDGE UNION WATER ASSOC	1267
024	BRIARCLIFF WATERWORKS	313
131	BROOKLAND WATERWORKS	2450
837	BRUNNER HILL WATER ASSOC	1023
486	BRYANT WATERWORKS	19070
295	BUCKNER WATERWORKS	308
671	BUFFALO ISLAND REG WATER DIST	3416
352	BULL SHOALS WATER SYSTEM	2654
338	CABOT WATERWORKS	23776
515	CADDO VALLEY WATERWORKS	635
532	CALDWELL WATER	1280
551	CALION WATER WORKS	492
404	CAMDEN WATERWORKS	13600
877	CAMP ROBINSON	1500
127	CARAWAY WATERWORKS	1375
339	CARLISLE WATERWORKS	2313
675	CARROLL-BOONE WATER DISTRICT	12
165	CARTHAGE WATER AND SEWER	338
130	CASH WATERWORKS	359
526	CAVE CITY WATERWORKS	2664
043	CAVE SPRINGS WATERWORKS	3028
138	CEDARVILLE WATERWORKS	8798

Friday, June 03, 2016

Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
213	CENTER GROVE WATER ASSOCIATION	4398
044	CENTERTON WATERWORKS	13235
465	CENTRAL ARKANSAS WATER	313504
845	CENTRAL LOGAN COUNTY PWFB	1230
503	CENTRAL PUBLIC WATER AUTHORITY	1218
200	CHARLESTON WATERWORKS	3423
521	CHEROKEE VILLAGE WATER ASSOC	4717
789	CHERRY HILL PUBLIC FACILITY BD	864
158	CHERRY VALLEY WATERWORKS	712
647	CHESTER WATER WORKS	210
446	CITY CORPORATION	28616
385	CLARENDON WATERWORKS	1640
741	CLARK CO COUNTRY WATER FACILIT	2450
722	CLAY CO REG WATER DISTRICT	5880
069	CLEVELAND CO RURAL WATER USERS ASSOC	1703
564	CLINTON WATERWORKS	5684
533	COLT WATER ASSOCIATION	976
147	CONCORD WATER & SEWER PFB	3020
189	CONWAY WATER SYSTEM	58908
927	CORINTH VALLEY WATER SYSTEM	84
096	CORNING WATERWORKS	3377
028	COTTER WATERWORKS	980
439	COVE WATERWORKS	625
149	CRAWFORDSVILLE WATERWORKS	2032
873	CRESTWOOD MOBILE HOME PARK	34
459	CROSS COUNTY RURAL WATER SYS	9233
017	CROSSETT WATER COMMISSION	8038
180	CROWLEYS RIDGE WATER ASSOC	3611
249	CUSHMAN WATER SYSTEM	1385
190	DAMASCUS WATER WORKS	1850
601	DARDANELLE WATERWORKS	4228
052	DECATUR WATERWORKS	2851
670	DEER WATER ASSOCIATION	882
224	DELAPLAINE WATERWORKS	150
423	DELIGHT WATERWORKS	1495
461	DENNARD WATER ASSOCIATION	908
199	DENNING WATERWORKS	588
520	DEQUEEN WATER WORK	6594
082	DERMOTT WATERWORKS	2600
449	DES ARC WATERWORKS	3882

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
450	DEVALLS BLUFF WATERWORKS	615
008	DEWITT WATERWORKS	3294
061	DIAMOND CITY WATER	1203
243	DIERKS WATER WORKS	1400
585	DOGWOOD WATER ASSOCIATION	1279
714	DORCHEAT WATER ASSOCIATION	1860
698	Dota Public Water Authority	2570
444	DOVER WATERWORKS	1587
171	DUMAS WATERWORKS	5847
143	DYER WATERWORKS	1023
730	DYESS RURAL WATER	294
376	DYESS WATERWORKS	430
886	E CASS WATER SUPPLY CORP	133
646	EAST END WATER	5800
458	EAST PRAIRIE CNTY PUBLIC WATER AUTHORITY	699
350	EDGEWOOD BAY WATER	277
550	EL DORADO WATERWORKS	18750
418	ELAINE WATERWORKS	1673
567	ELKINS WATERWORKS	2815
393	EMMET WATERWORKS	558
341	ENGLAND WATERWORKS	2823
075	EUREKA SPRINGS WATERWORKS	4058
525	EVENING SHADE WATERWORKS	747
544	FAIRCREST WATER ASSOCIATION	1275
569	FAYETTEVILLE WATERWORKS	91427
514	FCMTC WATERWORKS	500
545	FELSENTHAL WATER AND SEWER	620
046	FIFTY SIX WATERWORKS	595
164	FORDYCE WATER CO	4746
323	FOREMAN WATERWORKS	1173
004	FORREST CITY WATERWORKS	15220
507	FORT SMITH WATER UTILITIES	86209
016	FOUNTAIN HILL WATERWORKS	895
586	FOUR MILE HILL WATER ASSOC	4603
257	FRANKLIN WATERWORKS	243
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

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
645	FURLOW WATER ASSOCIATION	2905
357	GARLAND WATERWORKS	342
692	GARRETT BRIDGE WATER ASSOC	784
034	GASSVILLE WATERWORKS	1618
693	GATEWAY PUBLIC WATER AUTHORITY	1890
699	GENTRYVILLE PUBLIC WATER AUTH	386
009	GILLETT WATER DEPT	670
857	GLEN ACRES	73
422	GLENWOOD WATER DEPARTMENT	3023
316	GOULD MUNICIPAL WATER-SEWER	1041
317	GRADY WATERWORKS	424
734	GRAND PRAIRIE BAYOU 2 PWA	10360
759	GRANGE-CALAMINE WATER ASSOC	2381
437	GRANNIS WATERWORKS	548
T1101	GRASSY KNOB SUBORDINATE SD	65
051	GRAVETTE WATERWORKS	3455
076	GRAY ROCK WATER ASSOCIATION	738
696	GREASY VALLEY WPFB LOGAN CO.	495
701	GREEN HILL-BROOKS CHAPEL WATER	713
191	GREENBRIER WATERWORKS	6590
504	GREENWOOD WATERWORKS	8952
267	GRUBBS WATERWORKS	877
626	GUION WATER DEPARTMENT	270
086	GUM SPRINGS WATER ASSOCIATION	947
087	GURDON WATERWORKS	3215
192	GUY WATERWORKS	1620
015	HAMBURG WATERWORKS	5309
273	HARDIN WATER ASSOCIATION	4802
524	HARDY WATERWORKS	915
071	HARRELL WATERWORKS	305
431	HARRISBURG WATERWORKS	2888
062	HARRISON WATERWORKS	16905
286	HARTMAN WATERWORKS	1230
488	HASKELL WATER SYSTEM	3990
452	HAZEN WATERWORKS	1600
427	HEAFER-BLACK OAK WATER ASSOC	481
104	HEBER SPRINGS WATER SYSTEM	11131
419	HELENA WATER SEWER	5500
672	Highland Public Water Authority	2394
078	HOLIDAY ISLAND WATERWORKS	3326

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
388	HOLLY GROVE WATERWORKS	1010
617	HORSEHEAD WATER ASSOCIATION	4940
255	HORSESHOE BEND WATERWORKS	2131
151	Horseshoe Lake Utilities	734
236	HOT SPRING CO WATER ASSOC	3395
209	HOT SPRINGS UTILITIES	92010
208	HOT SPRINGS VILLAGE WATER	13500
010	HUMPHREY WATERWORKS	557
348	HUNTSVILLE WATERWORKS	2358
107	HWY 63 WATER ASSOCIATION	7343
145	HWY 71 WATER DISTRICT #1 PWA	6190
547	HWY 82 WATER ASSOCIATION	123
702	HWY 9 WATER ASSOCIATION	1285
300	IMBODEN WATERWORKS	677
774	INDEPENDENCE JACKSON REGIONAL	2933
466	JACKSONVILLE WATERWORKS	28364
397	JASPER WATERWORKS	766
276	JEFFERSON-SAMPLES-DEXTER WATER	2852
372	JOINER WATERWORKS	553
124	JONESBORO WATER SYSTEM	70066
582	JUDSONIA WATERWORKS	3028
552	JUNCTION CITY WATERWORKS	760
373	KEISER WATERWORKS	747
588	KENSETT WATERWORKS	1425
337	KEO WATER WORKS	275
821	KIMZEY REGIONAL WATER DISTRICT	11290
827	KINGS HILL ESTATES	25
108	KINGSLAND WATERWORKS	595
869	KINGWOOD MHP	62
099	KNOBEL WATERWORKS	294
287	KNOXVILLE WATERWORKS	1810
706	KROOKED KREEK WATER ASSN	2000
277	LADD WATER ASSOCIATION	2393
483	LAFE REGIONAL WATER DISTRIBUTION DISTRICT	2478
677	LAKE FOREST SUBORDINATE DIST	120
780	LAKE LUCERNE ESTATES	55
824	LAKE TABLE ROCK ESTATES	33
081	LAKE VILLAGE WATERWORKS	2543
822	LAKESIDE WATER ASSOCIATION	1987
027	LAKEVIEW MIDWAY PUBLIC WATER AUTHORITY	3012

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
510	LAVACA WATERWORKS	3428
688	LAWRENCE CO REG WATER DIST	6894
548	LAWSON-URBANA WATER ASSOC	1147
362	LEACHVILLE WATERWORKS	2021
063	LEAD HILL WATERWORKS	515
1091	LEATHERWOOD VIEW ESTATES	40
218	LEOLA WATERWORKS	561
432	LEPANTO WATERWORKS	1893
500	LESLIE WATER SYSTEM	740
297	LEWISVILLE WATERWORKS	1448
272	LIBERTY UTILITIES	44730
716	LISBON WATER ASSOCIATION	422
214	LITTLE CREEK WATER ASSOCIATION	2159
808	LITTLE PORTION HERMITAGE	25
467	LITTLE RIVER COUNTRY CLUB	393
371	LITTLE RIVER WATER ASSOCIATION	816
912	LOCKE-FERN DOLLARD RD WW PFB	1135
517	LOCKESBURG WATERWORKS	739
102	LOCUST BAYOU WATER ASSOCIATION	520
443	LONDON WATERWORKS	1245
274	LONG LAKE WATER ASSOCIATION	500
343	LONOKE WATERWORKS	4245
1076	LONOKE WHITE PUBLIC WATER AUTH	2
049	LOST BRIDGE VILL WAT-SEW DIST	995
406	LOUANN WATERWORKS	192
718	LURTON-PELSOR WATER ASSOC	289
361	LUXORA WATERWORKS	1178
713	LYDESDALE WATER ASSOCIATION	390
299	LYNN WATERWORKS	704
803	MADISON CO REGIONAL WATER	3
349	MADISON CO WATER FACILITIES BD	9318
327	MAGAZINE WATERWORKS	1000
241	MAGNET-BUTTERFIELD WATER AUTHORITY	1838
109	MAGNOLIA WATERWORKS	10866
237	MALVERN WATERWORKS	10318
206	MAMMOTH SPRING WATERWORKS	1442
378	MANILA WATERWORKS	3336
509	MANSFIELD WATERWORKS	2340
310	MARIANNA WATERWORKS	4115
382	MARIE WATER SYSTEM	140

Friday, June 03, 2016

Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
770	MARION COUNTY REG WATER DIST	2
152	MARION WATERWORKS	12345
430	MARKED TREE WATERWORKS	2566
225	MARMADUKE WATERWORKS	1111
501	MARSHALL WATERWORKS	2304
637	MARVELL RURAL WATER ASSOC	1800
421	MARVELL WATERWORKS	1187
464	MAUMELLE WATER CORPORATION	2771
463	MAUMELLE WATER MANAGEMENT	20115
193	MAYFLOWER WATERWORKS	7416
599	MC CRORY WATERWORKS	1647
098	MC DOUGAL WATERWORKS	251
705	MC NEIL RURAL WATER ASSOC	1200
110	MC NEIL WATERWORKS	525
589	MC RAE WATERWORKS	916
170	MCGEHEE WATERWORKS	4386
256	MELBOURNE WATERWORKS	4128
118	MENIFEE WATER DEPARTMENT	435
725	Mid-Arkansas Utilities PWA	11148
153	MIDWAY WATER ASSOCIATION	2100
786	MILL POND VILLAGE MHP	160
242	MINERAL SPRINGS WATERWORKS	1208
169	MITCHELLVILLE WATERWORKS	496
128	MONETTE WATERWORKS	1316
184	MONTICELLO WATER DEPARTMENT	10568
681	MORNING STAR WATER ASSOCIATION	1260
314	MORO WATERWORKS	216
709	MORRISON BLUFF WATER SYSTEM	325
668	MOUNT OLIVE WATER ASSOCIATION	5400
025	MOUNTAIN HOME WATERWORKS	16144
176	MOUNTAIN PINE WATERWORKS	770
454	MOUNTAIN TOP WATER ASSOCIATION	6355
542	MOUNTAIN VIEW WATERWORKS	7178
141	MOUNTAINBURG WATER AND SEWER	990
258	MT PLEASANT WATERWORKS	1353
425	MURFREESBORO WATERWORKS	1641
1069	N E WHITE COUNTY PUBLIC FACILITIES BOARD	0
244	NASHVILLE WATERWORKS	4627
673	NE MISSISSIPPI CO WATER ASSOC	1151
1070	NEAPWA	2

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
683	NEW HOPE WATER ASSOCIATION	1159
248	NEWARK WATERWORKS	1415
264	NEWPORT WATERWORKS	6583
035	NORFORK WATERWORKS	1192
554	NORPHLET WATERWORKS	1153
331	NORTH CARBON CITY WATER ASSOC	113
022	NORTH CROSSETT UTILITIES	3525
023	NORTH EAST CROSSETT WATER ASSN	160
767	NORTH JACKSON CO WATER ASSN	780
826	NORTH PIKE CO RURAL WATER ASSN	1976
583	NORTH WHITE CO RURAL WATER PFB	5300
175	NORTHERN OHIO WATER ASSOC	663
801	OAK GROVE WATER	465
616	ODEN- PENCIL BLUFF WATER ASSN.	383
247	OIL TROUGH WATERWORKS	284
473	O'KEAN WATERWORKS	228
089	OKOLONA WATERWORKS	590
753	OLD BELLA VISTA POA	108
064	OMAHA WATERWORKS	1163
832	OSAGE POINT MHP	68
375	OSCEOLA WATERWORKS	7398
802	OUTSIDE KINGSLAND WATER ASSOC	538
530	OZARK ACRES WATER ASSOCIATION	819
998	Ozark Mtn Regional PWA	0
201	OZARK WATERWORKS	4288
536	PALESTINE WATER ASSOCIATION	1855
580	PANGBURN WATERWORKS	2697
222	PARAGOULD, LIGHT, WATER, & CABLE	24121
560	PARKERS CHAPEL PUBLIC WATER	2369
662	PARKIN RURAL WATER ASSOCIATION	406
160	PARKIN WATERWORKS	988
736	PARTHENON WATER ASSOCIATION	400
598	PATTERSON WATERWORKS	452
053	PEA RIDGE WATERWORKS	5595
091	PEACH ORCHARD WATERWORKS	158
412	PERRY WATER SYSTEM	658
234	PERRYTOWN WATERWORKS	130
413	PERRYVILLE WATERWORKS	2112
251	PFEIFFER WATER AUTHORITY	3241
720	PLEASANT GROVE	2202

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
202	PLEASANT VIEW WATER FAC BOARD	1673
121	PLUMERVILLE WATERWORKS	820
474	POCAHONTAS WATERWORKS	7547
092	POLLARD WATERWORKS	287
305	PORTIA WATERWORKS	437
018	PORTLAND WATERWORKS	617
445	POTTSVILLE WATER ASSOCIATION	4108
217	POYEN WATERWORKS	755
573	PRAIRIE GROVE WATERWORKS	5414
216	PRATTSVILLE WATERWORKS	1282
394	PRESCOTT WATERWORKS	5198
105	QUITMAN WATERWORKS	1062
329	RATCLIFF WATERWORKS	1350
306	RAVENDEN WATERWORKS	470
093	RECTOR WATERWORKS	2312
279	REDFIELD WATERWORKS	2667
732	REDHILL WATER ASSOCIATION	475
835	RICHWOODS WATER ASSOCIATION	1397
776	RIDGEFIELD ESTATES	150
106	RISON WATERWORKS	1344
833	RIVER VALLEY WATER ASSN	1126
674	RIVERSOUTH RURAL WATER DIST	4053
252	Rock Moore Water Authority	3087
389	ROE WATERWORKS	124
055	ROGERS WATER UTILITIES	66838
591	RUSSELL WATERWORKS	360
678	S P G WATER ASSOCIATION	1420
492	SALEM WATER ASSOCIATION	14200
204	SALEM WATERWORKS	1505
036	SALESVILLE WATERWORKS	567
491	SALINE CO WW SS PFB	1949
379	SANDRIDGE-BARDSTOWN WTR ASSOC	153
493	SARDIS WATER ASSOCIATION	13344
330	SCRANTON WATERWORKS	1485
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	209

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
182	SELMA WATER ASSOCIATION	1035
868	SEVIER CO WATER ASSOCIATION	4293
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
056	SILAM SPRINGS WATERWORKS	16577
555	SMACKOVER WATERWORKS	3104
815	SOUTH MOUNTAIN WATER ASSN	669
219	SOUTH SHERIDAN WATER ASSOC	3132
792	SOUTHERN HILLS WATER SYSTEM	45
254	SOUTHSIDE PUB WATER AUTHORITY	9000
495	SOUTHWEST WATER ASSOCIATION	7140
293	SPADRA-GOOSE CAMP WATER ASSOC	510
575	SPRINGDALE WATER UTILITIES	84147
005	ST CHARLES WATERWORKS	379
537	ST FRANCIS RURAL WATER ASSOC	1386
094	ST FRANCIS WATER SYSTEM	235
296	STAMPS WATERWORKS	2268
405	STEPHENS WATERWORKS	1259
013	STUTTGART WATERWORKS	9745
135	SUBIACO CITY WATERWORKS	477
095	SUCCESS WATERWORKS	105
057	SULPHUR SPRINGS WATERWORKS	682
355	SUMMIT WATERWORKS	604
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
045	SYLVAN SHORES SD WATERWORKS	85
895	TANKSLEY APARTMENTS	52
114	TAYLOR WATERWORKS	655
072	THORNTON WATERWORKS	917
186	TILLAR WATERWORKS	225
798	TOAD SUCK PUBLIC FACILITY BD	1314
566	TONTITOWN WATERWORKS	2270
846	TRI COUNTY RWDD -MOORES CHAPEL	2620

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
434	TRUMANN RURAL WATER ASSOC	2614
435	TRUMANN WATERWORKS	7968
266	TUCKERMAN WATERWORKS	1774
825	TULIP - PRINCETON WATER ASSN	1053
220	TULL WATER	1987
579	TUMBLING SHOALS WATER ASSOC	4890
155	TURRELL WATER WORKS	625
855	TWIN OAKS MOBILE HOME PARK	35
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	22435
162	VANNDALE-BIRDEYE WATER ASSOC	2353
380	VICTORIA WATER ASSOCIATION	35
115	VILLAGE WATER ASSOCIATION	417
205	VIOLA WATERWORKS	387
112	WALDO WATERWORKS	1372
498	WALDRON WATERWORKS	4077
858	WALKER CREEK STATELINE RWA	1335
639	WALKERVILLE WATER ASSOCIATION	535
309	WALNUT RIDGE WATERWORKS	4890
345	WARD WATERWORKS	9500
066	WARREN WATERWORKS	6910
232	WASHINGTON WATER SYSTEM	355
606	WATALULA WATER ASSOCIATION	2282
284	WATSON CHAPEL WATER ASSOC	6140
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	351
704	WESTERN GREENE COUNTY R W D	6394
440	WICKES WATERWORKS	1303
538	WIDENER WATERWORKS	692
686	WILBURN WATER ASSOCIATION	739
562	WILDWOOD WATER ASSOCIATION	1280
187	WILMAR WATERWORKS	857
370	WILSON WATER SYSTEM	1101

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
321	WILTON WATERWORKS	374
471	WOODSON-HENSLEY WATER COMPANY	1000
196	WOOSTER WATERWORKS	3700
163	WYNNE WATERWORKS	8837
383	YARBRO WATERWORKS	388
356	YELLVILLE WATERWORKS	2322
319	YORKTOWN WATER ASSOCIATION	8169

PWS type: PWS type: N

T0269	CORNER CAFE & DAIRY BAR	25
T1066	201 XPRESS	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
T1070	Benny's Country Store	44
1080	BIGGERS BED AND BREAKFAST	25
N0080	BLACK BEAR SPRINGS	25
1001	Blue Heron Campground	25
T0350	BLUE WATER'S RESORT	52
T1082	BNR U2-02 DILLARDS FERRY	250
T1022	BNR U2-48 RUSH CAMPGROUND	25
T0098	BNRU2-01 BUFFALO POINT CAMPGROUND	25
T0087	BOY SCOUT CAMP ORR	300
989	Bradley's Restaurant	25
988	Brentwood Rest Area WVM	30
T0091	BROOKHILL RANCH	10060
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
T0097	BUFFALO RV TYLER BEND MTU3-12	25
1013	C. G. Roxane	25
973	CAMP WAR EAGLE	700
986	CEDAR GLADES PARK	25
T0431	CEDAR VALLEY INC	250
T0163	COUNTRY MOUNTAIN INN	100
N0136	CULLIGAN OF NORTHWEST ARKANSAS	25
N0186	CULLIGAN WATER CONDITIONING	30

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
1222	DELTA RESORT & SPA	280
T1076	ECHO CANYON RESORT & MARINA	30
T1107	EUREKA SPRINGS SPORTS FIELD	100
942	FRED BERRY CONSERVATION ED CTR	25
1211	GARNER'S ICE HOUSE ROSE BUD	30
T0231	GASTON'S WHITE RIVER RESORT	550
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 CN0037 MARSHALL	30
1154	GLACIER FAMD1037 MARIANNA	30
1143	GLACIER FAMD4009 RUSSELLVILLE	30
1165	GLACIER FAMD4372 RODGERS	30
1046	GLACIER FG37 MARIANNA	80
1172	GLACIER HILLBILLY U-PUMP	30
1210	GLACIER LES SPRINGDALE	30
1209	GLACIER OTW WESLEY	30
1096	GLACIER SMERC300 ROGERS	30
1053	GLACIER THRIFTWAY CLINTON	30
N0239	GLACIER WATER ALB TEXARK 4318	30
N0245	GLACIER WATER BG CAMDEN 2239	30
N0244	GLACIER WATER BG CROSSETT 0494	30
N0242	GLACIER WATER BG ELDORADO 2195	30
N0243	GLACIER WATER BG MAGNOLIA 2371	30
1126	GLACIER WATER CIRCLE K0030 MOUNTAIN VIEW	30
1021	GLACIER WATER EDWARDS FG3475	30
1161	GLACIER WATER FAMD3377 FT. SMITH	30
1162	GLACIER WATER FAMD8571 FT. SMITH	30
T0486	HIDE A WAY CAMPGROUND	367
T0244	HOLLER BACK GROCERY & FEED	25
T0915	HOT SPR NAT PK HAPPY HOLLOW SP	25
T0916	HOT SPR NAT PK WHITTINGTON SPR	25
T0259	HOT SPRINGS NATIONAL PARK	25
1105	HOWARD COVE STRIPER AND RV	88
T0261	HWY 27 FISHING VILLAGE	25

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
T0714	HWY 27 REC AREA	50
1043	JIM'S SALOON	25
1213	JUNIOR'S POLAR ICE BEEBE	30
T0295	KELLER'S KOVE RESORT	150
T0297	KETTLE CAMPGROUND	55
T0308	KOA CAMPGROUND STORE	40
T0381	KWIK SERV	500
T0313	LAKE NORFORK INN	25
993	Lake Shore Cabins	78
T0316	LAKESIDE COUNTRY CLUB	120
T0164	LANGLEY SCHOOL RV PARK	40
T0330	LITTLE FIR LANDING	250
T1090	LOST BRIDGE MARINA	30
1090	LOST VALLEY CANOE AND LODGING	40
T0341	MANY ISLAND CAMP	200
T0870	MILLWOOD LANDING GOLF & RV RESORT	125
982	MULBERRY RIVER MOUNTAIN RANCH	25
1217	NIMOCK'S ICE MARIANNA	30
T1068	NORFORK LAKE ESTATES-MOHR ADD	30
957	NORFORK MARINA	25
1220	NWS INC. WF0330 FAYETTEVILLE	30
1005	Oak Hill Lodge SGT	25
1216	OZARK ICE HOUSE COTTER	30
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 WMSCO171 CAMDEN	80
N0150	PRIMO HARPS DARDANELLE	30
1176	PRIMO REFILL LLC AKINS NF19 ROGERS	30
N0145	PRIMO REFILL LLC CONWAY WAL-MART005	30
1029	PRIMO REFILL LLC Harp's Ft Smith	30
1066	PRIMO REFILL LLC HARPS124 FAYETTEVILLE	30
N0229	PRIMO REFILL LLC MK3479 ROGERS	30
N0225	PRIMO REFILL LLC NMKT2744 FT SMITH	30
N0173	PRIMO REFILL LLC SILOAM SPRINGS IGA	30
N0168	PRIMO REFILL LLC SPRINGDALE WAL-MA54	60
N0142	PRIMO REFILL LLC STUTTGART WAL-M102	30
1174	PRIMO REFILL LLC WMNM2431 SEARCY	30
1182	PRIMO REFILL LLC WMNM4686 BENTONVILLE	30

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
1113	PRIMO REFILL LLC WMNM5737 FAYETTEVILLE	30
965	PRIMO REFILL LLC WMS0058 RUSSELLVILLE	80
1152	PRIMO REFILL LLC WMSC 0169 LONOKE	30
1028	PRIMO REFILL LLC WMSC 4460 NLR	30
N0218	PRIMO REFILL LLC WMSC0004 SILOAM SP	30
N0230	PRIMO REFILL LLC WMSC0011 MT HOME	30
1181	PRIMO REFILL LLC WMSC0018 NEWPORT	30
909	PRIMO REFILL LLC WMSC0033 NASHVILLE	30
1145	PRIMO REFILL LLC WMSC0062 BLYTHEVILLE	30
N0233	PRIMO REFILL LLC WMSC0066 CLARKSVILL	30
911	PRIMO REFILL LLC WMSC0068 WYNNNE	30
1169	PRIMO REFILL LLC WMSC0074 OSCEOLA	30
947	PRIMO REFILL LLC WMSC0127 MALVERN	120
1011	PRIMO REFILL LLC WMSC0133 Ashdown	30
963	PRIMO REFILL LLC WMSC0296 DARDANELLE	50
977	PRIMO REFILL LLC WMSC0358 ALMA	80
1017	PRIMO REFILL LLC WMSC0388 Fort Smith	30
N0231	PRIMO REFILL LLC WMSC0468 TEXARKANA	30
964	PRIMO REFILL LLC WMSC1114 MTN VIEW	30
944	PRIMO REFILL LLC WMSC1147 FLIPPIN	30
983	PRIMO REFILL LLC WMSC2587 Cabot	30
1106	PRIMO REFILL LLC WMSC2743 SHERWOOD	30
1179	PRIMO REFILL LLC WMSC3168 CONWAY	30
1146	PRIMO REFILL LLC WMSC318 ARKADELPHIA	30
N0240	PRIMO REFILL LLC WMSC3231 GREENWOOD	30
918	PRIMO REFILL LLC WMSC3331 PINE BLUFF	30
1147	PRIMO REFILL LLC WMSC348 MONTICELLO	30
1180	PRIMO REFILL LLC WMSC4168 BEEBE	30
929	PRIMO REFILL LLC WMSC5244 L R	30
946	PRIMO REFILL LLC WMSC5260 ROGERS	30
N0166	PRIMO REFILL LLCASH FLAT WAL-MT160	30
N0156	PRIMO REFILL LLCBENTONVILLE WAL-100	30
N0159	PRIMO REFILL LLCBERRYVILLE WAL-MT76	30
N0200	PRIMO REFILL LLCCONWAY WALMART 2575	80
N0170	PRIMO REFILL LLCFAYETTEVILLE WAL144	30
N0174	PRIMO REFILL LLCFAYETTEVILLE WAL359	30
N0192	PRIMO REFILL LLCFT SMITH WALM125	30
N0202	PRIMO REFILL LLCCHARP'S 119 SPRINGDALE	30
N0212	PRIMO REFILL LLCCHARP'S 135 MOUNTAIN HOME	30
N0158	PRIMO REFILL LLCHARRISON WAL-MAR2	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
N0175	PRIMO REFILL LLC JONESBORO WAL-M128	30
N0160	PRIMO REFILL LLC JONESBORO WAL-M145	30
N0197	PRIMO REFILL LLC NEIGHBORHOOD MARKET	30
N0201	PRIMO REFILL LLC NEIGHBORHOOD MK2745	30
N0223	PRIMO REFILL LLC NMKT2742 SPRINGDALE	80
N0164	PRIMO REFILL LLC POCAHONTAS WAL-M71	30
N0157	PRIMO REFILL LLC ROGERS WAL-MART 01	30
N0152	PRIMO REFILL LLC W HELENA WAL-MA714	30
N0151	PRIMO REFILL LLC W MEMPHIS WAL-MA70	30
N0191	PRIMO REFILL LLC WALM124 LITTLE ROCK	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
N0148	Primo Russellville Harps	30
N0178	PRIMO SUN FEST HOLIDAY ISLAND	30
1201	PRIMO WMNM2686 BENTONVILLE	30
1218	PRIMO WMNM3164 BENTONVILLE	30
1215	PRIMO WMNM3654 ROGERS	30
1189	PRIMO WMNM4128 RUSSELLVILLE	30
1207	PRIMO WMNM4375	30
1208	PRIMO WMNM4376 BENTONVILLE	30
1214	PRIMO WMNM4579 FT. SMITH	30
1219	PRIMO WMNM4654 MARION	30
1068	PRIMO WMNM5738 SPRINGDALE	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
1049	PRIMO WMSC0007 SHERWOOD	30
N0161	PRIMO WMSC0036 PARAGOULD	30
1205	PRIMO WMSC0055 BOONEVILLE	30
N0140	PRIMO WMSC0067 0067	30

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
N0153	PRIMO WMSC0091 FOREST CITY	30
1112	PRIMO WMSC0126 LITTLE ROCK	30
N0224	Primo WMSC0261 Hot Springs	30
921	PRIMO WMSC0279 DEQUEEN	30
1195	PRIMO WMSC0373 HUNTSVILLE	30
930	PRIMO WMSC0380 WALDRON	30
N0222	Primo WMSC3230 Bryant	30
974	PRIMO WMSC336 SHERIDAN	30
1188	PRIMO WMSC4108 SPRINGDALE	30
934	Primo WMSC5433 HSV	30
1167	PRIMO WMSC5706 LITTLE ROCK	80
T1038	RED BUD VALLEY RESORT	25
T1054	RIVERLAKE OUTDOOR Center	30
T1037	RIVERSIDE RESORT	250
T0468	RIVERVIEW COUNTRY STORE	30
1170	RON COLEMAN MINING	25
925	SHADY OAK RV PARK	124
N0094	SHOOTING STAR BEVERAGES	30
958	SOUTHFORK RESORT	50
1183	SPLASH CAR WASH MTN. VIEW	30
T0513	SPRING RIVER OAKS CAMP	25
T1109	SUGAR CREEK LODGE	25
T0526	SUPPLY COUNTRY STORE	150
1163	TEMPEST IN A TEAPOT	25
T0322	THE LANGLEY STORE	25
T0588	USCOE BSWP109 TUCKER HOLLOW	40
T0589	USCOE BSWP110 TUCKER HOLLOW	25
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
T0612	USCOE DG ALPINE RIDGE	25
T0619	USCOE DG LENOX MARCUS	25
T0620	USCOE DG LOWER LAKE	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

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
T0692	USCOE NFWP18 HENDERSON	80
T0695	USCOE NFWP25 BIDWELL POINT	144
T0696	USCOE NFWP29 GAMALIEL	192
T0718	USCOE OC - LITTLE FIR	100
T0763	USFS ALBERT PIKE REC AREA	200
T0770	USFS BLANCHARD	25
T0795	USFS LAKE WEDINGTON	50
T0797	USFS LITTLE PINES REC AREA	25
T0806	USFS REDDING	25
T0810	USFS SHADY LAKE REC AREA 16661	25
T0811	USFS SHADY LAKE REC AREA 16666	25
T0814	USFS SHORES LAKE	25
T0821	USFS WHITE ROCK	35
970	VENTRIS TRAILS END RESORT	50
T0835	WANDERLUST RV PARK	25
949	WEST SHORE RESTAURANT	150
T1105	WHEELIN' WORLD	50
N0084	WILDERNESS VALLEY SPRING	25
1191	YGAP prescott	30
1203	YGAP TEXARKANA 1	30
PWS type:PWS type: P		
N0180	4-H CENTER	40
N0103	AHTD HARRISON 9 HEADQUARTERS	90
N0022	ALBEMARLE CORPORATION SOUTH	550
N0021	ALBEMARLE CORPORATION WEST	150
N0181	BASF CORPORATION	160
N0237	CHRISTIAN MINISTRY ACADEMY	300
N0009	ENTERGY - INDEPENDENCE	150
N0032	Evergreen Packaging INC, Pine Bluff	1060
N0028	GEORGIA PACIFIC PAPER MILL	1400
N0214	GEORGIA PACIFIC WOOD PRODUCTS LLC	100
T1065	GREENWICH CENTER	30
N0046	NAT CTR FOR TOXOLOGICAL RES	400
N0188	NW ARKANSAS REGIONAL AIRPORT	2568
N0048	OARK SCHOOLS	200
N0057	REMINGTON ARMS COMPANY	1250
1175	ST. VINCENT INFIRMARY	2700
N0109	SW REGION WILDERNESS CAMP	41
N0088	THE GREAT PASSION PLAY	825
1221	VETERANS HEALTH CARE SYSTEM OF THE OZARKS	2150

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
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
282	ADC - TUCKER UNIT MAINT	Warning of Administrative Order	8/11/2015	TCR/DBP
282	ADC - TUCKER UNIT MAINT	Administrative Order	12/15/2015	TCR/DBP
796	ADC EAST ARKANSAS REGIONAL	Warning of Administrative Order	5/13/2015	TCR
721	AURELLE WATER SYSTEM	Warning of Administrative Order	2/4/2015	TCR
519	BEN LOMOND WATERWORKS	Warning of Administrative Order	3/19/2015	TCR
519	BEN LOMOND WATERWORKS	Administrative Order	7/10/2015	TCR/PN
519	BEN LOMOND WATERWORKS	Proposed Penalty	10/8/2015	TCR/PN
871	BENTON-WASHINGTON REGIONAL PWA	Warning of Administrative Order	2/4/2015	DBPR/TCR
871	BENTON-WASHINGTON REGIONAL PWA	Administrative Order	9/18/2015	TCR/DBP
014	BOYDELL WATER ASSOCIATION	Proposed Penalty	9/16/2015	TCR/LCR
653	BRANCH WATER WORKS	Warning of Administrative Order	11/23/2015	DBP
384	BRINKLEY WATERWORKS	Warning of Administrative Order	5/13/2015	DBP
384	BRINKLEY WATERWORKS	Administrative Order	8/11/2015	DBP
737	BUENA VISTA-OGEMAW WATER ASSOCIATION	Warning of Administrative Order	2/4/2015	DBPR/TCR
737	BUENA VISTA-OGEMAW WATER ASSOCIATION	Proposed Penalty	11/25/2015	DBP
661	CHICOT JUNCTION WATER ASSOC	Warning of Administrative Order	8/11/2015	DBP/TCR
661	CHICOT JUNCTION WATER ASSOC	Administrative Order	11/24/2015	DBP/PN/TCR
403	CHIDESTER WATERWORKS	Warning of Administrative Order	4/17/2015	TCR/GWR
620	COTTONSHED WATERWORKS	Warning of Administrative Order	2/4/2015	DBPR (oper)/PN
620	COTTONSHED WATERWORKS	Warning of Administrative Order	12/15/2015	DPB (lic)

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Appendix K

Appendix K - Enforcement Actions

685	DEER RUN WATER COMPANY	Warning of Administrative Order	8/11/2015	DBPR (lic)/PN
685	DEER RUN WATER COMPANY	Administrative Order	10/7/2015	DBP (lic)/PN
685	DEER RUN WATER COMPANY	Proposed Penalty	11/25/2015	DBP/PN
715	EAST MONROE COUNTY WATER USERS	Warning of Administrative Order	5/13/2015	DBP
715	EAST MONROE COUNTY WATER USERS	Administrative Order	8/11/2015	DBP
715	EAST MONROE COUNTY WATER USERS	Proposed Penalty	11/25/2015	DBP
539	EASTSIDE HOMEOWNERS ASSOC	Warning of Administrative Order	11/23/2015	TCR
358	FOUKE WATERWORKS	Proposed Penalty	1/6/2015	TCR/PN/CCR
516	GILLHAM WATERWORKS	Warning of Administrative Order	6/8/2015	TCR/PN
516	GILLHAM WATERWORKS	Administrative Order	7/10/2015	TCR/DBP (lic)
516	GILLHAM WATERWORKS	Proposed Penalty	12/15/2015	TCR/Operlic/PN
154	GILMORE WATERWORKS	Warning of Administrative Order	5/13/2015	TCR/licensing
738	GRAND PRAIRIE REGIONAL WATER	Administrative Order	4/17/2015	TCR
097	GREENWAY WATERWORKS	Warning of Administrative Order	12/15/2015	OperLic/PN
505	HACKETT WATERWORKS	Warning of Administrative Order	2/4/2015	DBPR
505	HACKETT WATERWORKS	Administrative Order	8/11/2015	DBP
402	HARMONY GROVE WATER ASSOC	Warning of Administrative Order	5/13/2015	TCR/DBP
402	HARMONY GROVE WATER ASSOC	Administrative Order	8/11/2015	TCR/DBP
506	HARTFORD WATERWORKS	Proposed Penalty	5/5/2015	TCR/DBPR
230	HOPE WATER LIGHT COMM	Warning of Administrative Order	8/11/2015	SWTR
884	HOSANNA HEIGHTS WATER	Administrative Order	1/13/2015	TCR/GWR

Appendix K - Enforcement Actions

884	HOSANNA HEIGHTS WATER	Proposed Penalty	4/22/2015	TCR/GWR
414 (lic)	HOUSTON WATERWORKS	Warning of Administrative Order	1/14/2015	DBPR
414 (lic)	HOUSTON WATERWORKS	Administrative Order	3/19/2015	DBPR
414	HOUSTON WATERWORKS	Proposed Penalty	7/17/2015	PN/CCR
765	HWY 4 24 WATER ASSOCIATION	Administrative Order	5/13/2015	TCR/DBPR
765	HWY 4 24 WATER ASSOCIATION	Proposed Penalty	8/12/2015	TCR/DBP
080	LAKE CHICOT WATER ASSOCIATION	Warning of Administrative Order	5/13/2015	DBP/tcr
080	LAKE CHICOT WATER ASSOCIATION	Administrative Order	8/11/2015	DBP/TCR
080	LAKE CHICOT WATER ASSOCIATION	Proposed Penalty	11/25/2015	DBP
822	LAKESIDE WATER ASSOCIATION	Warning of Administrative Order	1/14/2015	TCR
747	LEISURE HILLS MOBILE HOME PARK	Warning of Administrative Order	8/11/2015	TCR/DBPR
572	LINCOLN WATERWORKS	Warning of Administrative Order	9/21/2015	TCR
787	LITTLE RIVER CO RDA	Warning of Administrative Order	4/17/2015	DBPR
787	LITTLE RIVER CO RDA	Administrative Order	8/11/2015	DBP/tcr
787	LITTLE RIVER CO RDA	Proposed Penalty	11/25/2015	DBP
1141	MILLER COUNTY PUBLIC WATER AUTHORITY	Warning of Administrative Order	9/21/2015	TCR
773	MILLTOWN-WASHBURN WATER USERS	Warning of Administrative Order	11/23/2015	DBP
020	MONTROSE WATERWORKS	Proposed Penalty	9/16/2015	TCR/DBP
392	MOUNT IDA WATERWORKS	Warning of Administrative Order	2/4/2015	DBPR
392	MOUNT IDA WATERWORKS	Administrative Order	5/13/2015	DBPR/TCR
392	MOUNT IDA WATERWORKS	Proposed Penalty	8/12/2015	DBP

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557	NEW LONDON WATER ASSOCIATION	Proposed Penalty	1/20/2015	TCR	
391	NORMAN WATERWORKS	Warning of Administrative Order	4/17/2015	DBPR (licensing)	
331	NORTH CARBON CITY WATER ASSOC	Warning of Administrative Order	7/10/2015	TCR	
1075	NORTH HOWARD RURAL WATER ASSOCIATION	Warning of Administrative Order	2/4/2015	DBPR (oper)	
1075	NORTH HOWARD RURAL WATER ASSOCIATION	Administrative Order	4/17/2015	DPBR (licensing)	
259	OXFORD WATERWORKS	Warning of Administrative Order	5/13/2015	TCR/licensing	
019	PARKDALE WATERWORKS	Warning of Administrative Order	5/13/2015	TCR	
019	PARKDALE WATERWORKS	Administrative Order	8/11/2015	TCR/PN	
883	PARON-OWENSVILLE WATER AUTH	Warning of Administrative Order	8/11/2015	SWTR/DBP	
883	PARON-OWENSVILLE WATER AUTH	Administrative Order	11/24/2015	DBP/SWTR/PN	
623	PERLA WATER ASSOCIATION	Warning of Administrative Order	5/13/2015	TCR	
561	QUINN WATER ASSOCIATION	Warning of Administrative Order	3/19/2015	TCR	
851	SOUTH LOGAN COUNTY WATER	Warning of Administrative Order	8/11/2015	DBP/TCR	
889	SOUTHWEST ARKANSAS WATER SYST	Warning of Administrative Order	2/4/2015	DBPR/PN	
889	SOUTHWEST ARKANSAS WATER SYST	Administrative Order	5/13/2015	DBPR	
889	SOUTHWEST ARKANSAS WATER SYST	Proposed Penalty	8/12/2015	DBP	
166	SPARKMAN WATERWORKS	Warning of Administrative Order	11/23/2015	DBP (licensing)	
318	STAR CITY WATER WATERWORKS	Proposed Penalty	7/17/2015	TCR	
556	STRONG WATERWORKS	Warning of Administrative Order	2/4/2015	TCR	
334	SUBIACO ACADEMY WATERWORKS	Warning of Administrative Order	10/7/2015	SWTR	
782	TRI-COUNTY WATER DISTBR DIST	Warning of Administrative Order	2/4/2015	DBPR	

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782	TRI-COUNTY WATER DISTBR DIST	Administrative Order	5/13/2015	DBPR
782	TRI-COUNTY WATER DISTBR DIST	Proposed Penalty	8/12/2015	DBP
195	VILONIA WATERWORKS	Warning of Administrative Order	6/8/2015	TCR
116	WALKER WATER ASSOCIATION	Penalty Assessed - Board of Health	2/13/2015	TCR/DBPR/PN
298	WALNUT HILL WATER ASSOCIATION	Warning of Administrative Order	8/11/2015	DBP/TCR
298	WALNUT HILL WATER ASSOCIATION	Administrative Order	11/24/2015	DBP/TCR
1133	WARD MOBILE HOME PARK	Penalty Assessed - Board of Health	2/13/2015	TCR/PN
806	WIEDERKEHR VILLAGE WATER DEPT	Administrative Order	11/24/2015	SWTR/LCR
806	WIEDERKEHR VILLAGE WATER DEPT	Proposed Penalty	12/15/2015	SWTR/LCR/OperLic
650	WILLISVILLE WATERWORKS	Warning of Administrative Order	5/13/2015	DBP (licensing)
642	WINTHROP WATER ASSOCIATION	Warning of Administrative Order	7/14/2015	TCR/SWTR/DBP/PN
642	WINTHROP WATER ASSOCIATION	Administrative Order	10/7/2015	TCR/PN

PWS type: N

PWS	System Name	Enforcement Action	Date Issued	Rule Violated
T0323	101 Great American Diner	Administrative Order	4/17/2015	TCR/PN
t0323	101 Great American Diner	Proposed Penalty	7/17/2015	TCR/PN
T0171	ANGLERS GRILL	Warning of Administrative Order	12/15/2015	TCR/PN
960	ANTIOCH CHURCH	Warning of Administrative Order	11/23/2015	TCR/GWR
N0074	ASHLEY MINERAL SPRING	Warning of Administrative Order	5/13/2015	SWTR
T1086	BEAR CREEK COUNTRY STORE	Penalty Assessed - Board of Health	9/23/2015	TCR/GWR/PN
1155	BLUE BELL CAFE	Penalty Assessed - Board of Health	2/13/2015	TCR/SWTR/PN
T0083	BOGG SPRINGS BAPTIST CAMP	Warning of Administrative Order	8/11/2015	TCR/GWR

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T0885	BOLL WEEVIL	Warning of Administrative Order	6/8/2015	TCR
T1083	BRADY MOUNTAIN RESORT & MARINA	Warning of Administrative Order	2/4/2015	TCR/PN
T0557	CAMP TRADING POST	Warning of Administrative Order	1/14/2015	TCR/GWR
T1095	CATALPA GENERAL STORE	Administrative Order	5/13/2015	TCR
T0563	FREEDOM RV PARK	Penalty Assessed - Board of Health	2/13/2015	TCR/GWR/PN
972	GENERAL WATER CONDITIONING	Proposed Penalty	10/8/2015	TCR/PN
T0611	H K THATCHER LOCK AND DAM	Warning of Administrative Order	11/23/2015	TCR/PN
T0611	H K THATCHER LOCK AND DAM	Warning of Administrative Order	12/15/2015	TCR/PN
1094	J & J WATER SPORTS	Warning of Administrative Order	5/13/2015	TCR
T1092	Lake Norfolk Ozark Mountain Lodge	Warning of Administrative Order	4/17/2015	TCR
T1092	Lake Norfolk Ozark Mountain Lodge	Administrative Order	6/9/2015	TCR
T1092	Lake Norfolk Ozark Mountain Lodge	Proposed Penalty	7/17/2015	TCR
T0326	LESTER FLATT MEMORIAL PARK	Warning of Administrative Order	11/23/2015	TCR/GWR/PN
1018	Parthenon Church of God	Administrative Order	3/19/2015	TCR/SWTR
1018	Parthenon Church of God	Proposed Penalty	8/12/2015	SWTR/TCR
T0484	SANDRA D'S GROCERY & FUEL STOP	Warning of Administrative Order	5/13/2015	TCR/PN
T0399	STATION ONE	Penalty Assessed - Board of Health	4/6/2015	TCR/PN/GWR
T0524	SUNRISE POINT RESORT	Administrative Order	1/16/2015	TCR/SWTR/PN
T0524	SUNRISE POINT RESORT	Proposed Penalty	5/5/2015	SWTR/TCR
T0524	SUNRISE POINT RESORT	Penalty Assessed - Board of Health	9/23/2015	TCR/SWTR
1047	T & T DOLLAR STORE FS	Warning of Administrative Order	11/23/2015	TCR/PN

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T0550	THREE OAKS RESORT	Proposed Penalty	7/17/2015	TCR/PN
T0832	WAGON WHEEL RESTAURANT	Warning of Administrative Order	12/15/2015	SWTR/TCR
T1106	WATER WAGON	Warning of Administrative Order	10/7/2015	TCR
T0852	WHITE RIVER CAMPGROUND	Proposed Penalty	9/21/2015	TCR/SWTR

PWS type: P

PWS	System Name	Enforcement Action	Date Issued	Rule Violated
T1110	ARK STATE PARK MT MAGAZINE	Proposed Penalty	2/23/2015	DBP
N0029	Great Lakes Chemical South	Warning of Administrative Order	9/21/2015	TCR
N0134	NSC INTERNATIONAL	Warning of Administrative Order	1/14/2015	TCR