



**Arkansas
Department
of Health**

Drinking Water Program

Annual Report

Public Water System Supervision Program

Calendar Year 2013

Arkansas Department of Health
4815 West Markham Slot-37
Little Rock, AR 72203-1437

Contact:
Robin Michaels
Compliance/Enforcement Officer
Telephone (501) 661-2623
Fax (501) 661-2032
robin.michaels@arkansas.gov

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INTRODUCTION

Arkansas Land Use (2013 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 (2013 U. S. Census Bureau Estimate) 2,959,373

Population served by community public water systems	2,787,630
Population served by community surface water systems	1,788,561
Population served by community ground water systems	883,088
Population served by community ground & surface systems	115,981
% population served by community public water systems	94.1%
% population served by individual private wells or other source	5.9%

Total number of public water systems active during 2013 1109

Number of community public water systems	701
Number of transient non-community public water systems	329
Number of non-transient non-community public water systems	35
Number of non-public water systems (water systems inactivated in 2013)	44
Number of systems using surface water	405
Number of systems using ground water	671
Number of systems using ground & surface	33

Number of systems activated in 2013 (included in the above totals) and are, now a non-public water system (NP), closed, or are connected to another regulated public water system.

- Community water systems (AR0000347, AR0000659, AR0000703, AR0000881, AR0000325 AND AR0001042) 6
- Transient non-community & Non-transient-non- community (NP) 38

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

PURPOSE

The purpose of this report is to summarize the Arkansas Public Water System violations data submitted to the Safe Drinking Water Information System (SDWIS/FED) for the calendar year 2013. The data include PWS inventory statistics, the incidence of Maximum Contaminant Level, Major Monitoring, and Treatment Technique violations, and the enforcement actions taken against violators. The report provides a total annual representation of the numbers of violations for each of the four categories listed in Section 1414(c)(3) of the Safe Drinking Water Act reauthorization. These four categories include MCLs, treatment techniques, variances and exemptions, and significant monitoring violations.

STATUTORY ORIGIN

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

The SDWA applies to the 50 States, the District of Columbia, Indian Lands, Puerto Rico, the Virgin Islands, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the Republic of Palau.

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

ACCESSIBILITY TO PUBLIC:

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

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 2013 for contaminants and rules not shown in the violation tables.
- There were 1109 public water systems in operation during 2013. Seven hundred and one (701) were community water systems, thirty five (35) were non-transient, non-community water systems, and three hundred and twenty nine (329) were transient non-community water systems and (44) systems were inactivated in 2013 and are now non-public.
- A total of two hundred and sixty eight (268) major violations occurred for public water systems during 2013. Seventy one (71) were community water systems, seven (7) were non-transient, non-community water systems, one hundred and eighty two (182) were transient non-community water systems, and eight (8) violations for five systems who were active in CY2013 but are now inactive and non-public.
- A total of one hundred and thirty four (134) public water systems had Maximum Contaminant Level violations or Treatment Technique violations. Ninety seven (97) were community water systems, four (4) were non-transient, non-community water systems, and twenty three (23) transient non-community water system and ten (10) systems which were active in CY2013 but are now inactive and non-public..
- A total of one hundred sixty seven (167) public water systems had major monitoring violations. Fifty one (51) were community water systems, five (5) was a non-transient, non-community water system, and one hundred and sixr (106) were transient non-community water systems. There were five (5) systems that are no longer active and are now NP (non-public).
- No variances or exemptions were issued to any public water system in Arkansas during the calendar year 2013.
- 98.5% of the public water systems in Arkansas did not have an organic (SOC, VOC, TTHM, HAA) MCL violation. All other organic violations were for the (TTHM, HAA) analyte groups.
- 100% of the public water systems in Arkansas did not have a nitrate MCL violation.
- 99.6% 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 five (5) inorganic chemical violations, three (3) violations at one (1) community and two (2) violations at two (2) non-transient-non-community system whose source contains naturally occurring Fluoride.
- There were no monitoring violations for chemicals covered under Phases I, II, IIB, & V. The Arkansas Department of Health performs monitoring of these chemicals on behalf of the public water systems.

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

	Monitoring	Quality	Overall
Compliance Percentage	99.6%	98.5%	98.2%
Person months exposure	100459	472610	573069
Person months possible	33058308	33058308	33058308

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 2013**) 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 2013 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 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 51, 52, 66, 58, 65

Radionuclide Rule: MCL violations

Consumer Confidence Reports and Public Notification: Violations 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	5/3/0/2	3/1/0/2			0	0
Arsenic	1005	10.0	0/0/0/0	0/0/0/0			0	0
Organic Contaminants								
Subtotal			5/3/0/2	3/1/0/2			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				77/77/0/0	12/12/0/0		
Stage 1 DBPR	0999						17/15/0/2	14/13/0/1
Chlorite	1009						0/0/0/0	0/0/0/0
Total Haloacetic Acids (HAA5)	2456	0.060	6/6/0/0	3/3/0/0				
Total Organic Carbon	2920				0/0/0/0	0/0/0/0		
Total Trhhalomethanes (TTHM)	2950	0.08	36/35/0/1	16/15/0/1				
Subtotal			42/41/0/1	19/18/0/1	77/77/0/0	12/12/0/0	17/15/0/2	14/13/0/1

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	4/1/3/0	4/1/3/0				
Non-Acute MCL violation	22	Presence	100/67/29/4	75/53/20/2				
Major routine monitoring	23						198/44/151/3	143/36/105/2
Major follow up monitoring	25						11/6/5/0	9/5/4/0
Monitoring(TCR), Repeat Minor	26						7/3/4/0	7/3/4/0
Subtotal			104/68/32/4	79/54/23/2			216/53/160/3	159/44/113/2

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						11/0/11/0	5/0/5/0
Monitoring, routine/filter turbidity	38						9/0/9/0	4/0/4/0/0
Treatment techniques	41				13/12/1/0	7/6/1/0		
Failure to filter	42				4/0/4/0	1/0/1/0		
Treatment Tech > Turb 1 NTU	43				4/4/0/0	4/4/0/0		
Treatment Tech > Turb 3 NTU	44				0/0/0/0	0/0/0/0		
Subtotal					21/16/5/0	12/10/2/0	20/0/20/0	9/0/9/0

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						16/16/0/0	10/10/0/0
Failure to Conduct Consumer Notice	66						18/18/0/0	13/13/0/0
Treatment Installation	58				0/0/0/0	0/0/0/0		
Public education	65				3/3/0/0	3/3/0/0		
Subtotal					3/3/0/0	3/3/0/0	36/36/0/0	25/25/0/0

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
Radium-226 and Radium-228	4010	5 pCi/l	10/10/0/0	4/4/0/0			0	0
Gross beta	4100	4 mrem/yr	0	0			0	0
Subtotal			10/10/0/0	4/4/0/0			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						69/67/1/1	65/63/1/1
Public Notification	75						94/32/62/0	61/19/42/0
Subtotal							163/99/63/1	126/82/43/1

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, 2013 PWS Annual Compliance Report, is January 1, 2013 through December 31, 2013.

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 2013.

ENFORCEMENT DEFINITIONS

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

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

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

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

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

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

SUMMARY OF ENFORCEMENT ACTIONS

Following is a summary of the enforcement actions taken in 2013.

Community Public Water Systems

State Formal Notification of Violation (SFJ).....	31
Administrative Orders Issued (SFL).....	19
Proposed Penalties Issued (SFN).....	16
Penalties Suspended – Board of Health (SFO).....	0
Penalties Assessed – Bilateral Compliance Agreements (SFK).....	0
Penalties Assessed – Board of Health (SFM).....	1
Total Enforcement Actions for CWSs.....	67

Non-Transient Non-Community Systems

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

Transient Non-Community Systems

State Formal Notification of Violation (SFJ).....	18
Administrative Orders Issued (SFL).....	14
Proposed Penalties Issued (SFN).....	2
Penalties Suspended – Board of Health (SFO).....	0
Penalties Assessed – Bilateral Compliance Agreements (SFK).....	0
Penalties Assessed – Board of Health (SFM).....	0
Total Enforcement Actions for CWSs.....	34

COMPLIANCE ASSISTANCE EFFORTS

Capacity Development Program

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

The Engineering Section advertised for a new Request for Proposals as part of our Capacity Development Program efforts in early 2011 with contracts beginning in September 2011. The review process led to Arkansas Rural Water Association being awarded the Financial and Managerial and the Technical and Operational contracts to assist small public water systems achieve TMF capacity. The Section's goal was to provide more of a "hands on" approach with the Engineering Section's staff performing the assessments and the contractor performing system specific types of assistance and training. As part of our efforts, in 2013, Arkansas Rural Water Association assisted in 325 hours of technical assistance in the Financial and Managerial contract and 559 hours of technical assistance hours in the Technical and Operational contract. They participated in three Comprehensive Performance Evaluations. Some examples of direct assistance hours provided by the Contractors include rate studies, board member training, asset management plans, budgets, emergency response plans, on-site peer to peer training, new operator assistance with sampling plans and operations reports, leak detection and repairs, valve maintenance training, and assistance with water treatment problems.

As part of the Section's initiatives to promote and improve the asset sustainability of small public water systems, the Section contracted with Magnolia River Services, Inc. [MRS] to assist high priority small public water systems to assess and improve their infrastructure by physically locating and mapping the primary water system assets with GPS equipment and then importing the field-collected data onto the utility's computer. MRS then installed a GIS platform onto the utility's computer and trained the staff on the use of the software and how to view and print maps. The water system was also provided with a 24" by 36" laminated map of the distribution system for office use. In 2013, MRS completed 19 assessment reports, collected GPS data at 19 water systems, and installed and trained 19 water systems on the use of the GIS software.

Sanitary Surveys

Sanitary Surveys conducted by technical staff can consist of reporting deficiencies in the construction or design of a public water system or the operation of the public water system. Sanitary Surveys combined with monitoring and reporting, to complement each other, can be indispensable for assuring the long-term quality and safety of drinking water. In calendar year 2013, there were approximately four hundred two (402) sanitary surveys performed. Two hundred fifty five (255) Sanitary Surveys were performed on the state's community water systems, One hundred thirty five (135) Sanitary Surveys were performed on transient non-community water systems sixteen (16) on non-transient non-community water systems. Four (4) of these systems, all Transient Non-Community, became inactive in 2013 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 2013 in sponsoring technical tracks at the annual conferences for both the Arkansas Water Works and Water Environment Association and the Arkansas Rural Water Association. At the AWW&WEA conference, the Engineering Section sponsored two technical tracks with a total of 18 separate sessions on issues including regulations and regulatory compliance, treatment and distribution technical matters, and treatability studies. At the ARWA conference, the Engineering section sponsored one technical track with a total 8 separate sessions on similar topics.

Source Water Assessment Program (SWAP)

The Source Water Assessment program, required by the Safe Drinking Water Act Amendments of 1996, was developed by the Arkansas Department of Health (ADH) and was submitted to and approved by the U.S. Environmental Protection Agency during calendar year 1999. SWAP reports were produced for each public water system to serve as a management tool for implementing source protection activities. Initially, the Source Water Assessment Program located all sources of drinking water utilized by public water systems, delineated “assessment areas” around each source, and mapped potential contaminants within the delineated areas for approximately one thousand five hundred (1500) drinking water sources in Arkansas in 2003. Approximately 1100 PWS systems were active in 2013. At the close of 2013, 366 public water systems serving 1,835,448 people have reached substantial implementation. This represents 52.2% of the community PWS and 65.8% of the population served in Arkansas.

During 2013, a total of nine (9) Phase I Delineation Wellhead Protection (WHP) reports covering thirty four (34) wells and nineteen (19) Phase II Potential Sources of Contamination (PSOC) Inventory WHP reports covering forty nine (49) 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 thirty (30) PSOC maps created by ADH. This data has been incorporated into the source water assessment program databases. In 2013, SWPP staff incorporated mobile GIS mapping to improve the accuracy and production of Phase I and Phase II reports.

The source water assessment program staff continued to maintain the existing source water assessment GIS database which provided six (6) source water protection presentations, four (4) newsletter articles, and eleven (11) information booths regarding source water protection, participated with other agencies regarding source protection twenty two (22) times, disseminated nine (9) source water assessment reports to public water suppliers, performed seventeen (17) public water supply well recommendations, reviewed drill cuttings for six (6) wells, and processed 742 miscellaneous environmental permit reviews resulting in 533 comment letters, including 31 AOGC Form 36 UIC evaluations. Additional activities conducted included screening and responding to requestors for SWAP GIS data, providing information on hydrogeology and associated technical support for PWS, adoption of drinking water protection ordinances to local governments, performing proximity analyses, and reviewing and commenting on a variety of construction and environmental projects that have the potential to impact public water supply sources in the state.

The collection of data needed for updating the source water assessments has been ongoing since inception in 2003. The software used to complete source water assessments (SWAP GIS Model) is no longer being supported by the vendor. We are in the second year of a two year contract with USGS to update the SWAP model to restore functionality & we anticipate that conversion will be completed by July 1, 2014. A technical service contract with University of Arkansas completed in July 1, 2013 provided a geo-database of lineaments in mantled karst and fractured bedrock & an additional 3 yr. technical service contract with USGS begun in SFY 2013 and will provide an interactive map of the Ozark Aquifer System by July 1, 2015. SWPP staff are already utilizing the karst/lineament geo-database and portions of the USGS work to improve accuracy of well recommendations and other technical support for PWS. The SWPP was fully staffed with 4 members –2 geologists and 2 EHS— for 2013.

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 2013 in these areas include the following:

Long Term 2 Enhanced Surface Water Treatment Rule: As part of early implementation strategies for small systems, the first round of source monitoring for *Cryptosporidium* and *E. coli* was completed for the small systems in calendar year 2009. Historically, a total of 37 sources have exceeded the trigger levels for *E. coli* under the LT2 Rule and were required to monitor for *Cryptosporidium*. Analyses of samples continue to be outsourced to BioVir Laboratories for *E. coli* and *Cryptosporidium*. *E. coli* samples were also analyzed in-house by the Arkansas Public Health Laboratory.

Grading for monitoring and reporting requirements was conducted on a monthly basis for each of the small system sources. There were no violations issued for repeated failure to conduct source monitoring for *Cryptosporidium* or *E. coli* for small systems. Source water monitoring data was used to categorize the source water *Cryptosporidium* concentration into one of four “bin” classifications based on the average concentration of the pathogen in the source water. The vast majority of the small systems, thirty-four (34) or 92%, will remain classified in the lowest treatment bin (Bin 1). A total of twenty-three (23) or 62% of all systems have tested positive for *Cryptosporidium* in their untreated source water. To date, seven systems have triggered a Bin 2 classification, which will require additional treatment. Four (4) are large systems and three (3) are small systems.

ADH has received Plan of Action Letters from all seven of the Bin 2 Systems. All of these facilities proposed to obtain 1.0-log of credit by documenting treatment performance in their combined filter and individual filters. Hot Springs (Lakeside) and Fort Smith (Lee Creek) began documenting performance in October 2012 by submitting monthly verification forms for IFE and CFE turbidity levels. In October 2013, Batesville and Clarksville began similarly documenting treatment performance in their combined and individual filters. In October 2014, Amity, Pocahontas, and Clarksville will begin documenting treatment performance in their combined and individual filters. To date, the four currently-subject systems have been able to meet the minimum treatment requirements to obtain the 1.0-log of *Cryptosporidium* inactivation credit each month per the LT2ESWTR.

The status of *E. coli* source monitoring at small systems is as follows:

- Ozark Mountain Regional PWA (completion November 2014)
- Parthenon Church of God (was completed May 2013)
- NEPAWA (completed *Cryptosporidium* monitoring and was classified Bin 1)

Cryptosporidium source monitoring for emergency sources began in September 2011 and was completed August 2013 for the following large systems:

- Conway (additional source on Cadron Creek) went into Bin 1.
- Russellville City Corporation (3 additional raw water sources). One source at Russellville City Corporation went into Bin 2 while the others are in Bin 1.

Stage 2 Disinfectants and Disinfection By Products Rule: As part of continued implementation strategies, Total Trihalomethane and Haloacetic Acid 5 monitoring plans were updated and approved as needed for all non-transient non-community water systems. Two (2) systems submitted a request for an extension during the calendar year 2013. One (1) capital improvement extension approval was issued during the calendar year. Following the Stage 2 compliance schedule, ADH began compliance monitoring for one hundred fifty three (153) community water

systems (Schedule 3 and Schedule 4), and quarterly grading for LRAA and OEL compliance for each system to which it was applicable. We continued using the new disinfection by-product and treatment technique calculation reports and monitoring plans format and began implementing the operational evaluation level (OEL) report State review policy and tools. Six (6) OEL exceedance notifications were issued in calendar year 2013. Acceptable OEL Reports were received from four (4) of these water systems in calendar year 2013.

Ground Water Rule: The ADH began implementation of the GWR in December 2009. During the calendar year 2013, twenty-one (21) systems conducted Compliance Monitoring (i.e., monitoring to determine compliance with 4-log virus treatment). Grading for monitoring and reporting requirements was conducted on a monthly basis for each of these system sources. No systems were issued violations for failure to maintain CT. There were no violations issued for failure to conduct compliance monitoring. TCR sampling data was reviewed daily for 602 ground water systems with a total of 1120 ground water well sources during the 2013 calendar year. From this subset of systems approximately 274 routine distribution system samples tested total coliform positive and triggered source water monitoring. A total of four (4) system sources tested *E. coli* positive and required additional raw water *E. coli* monitoring. One (1) of the systems had confirmed *E. coli* positive samples as a result of the additional monitoring and required corrective action. A total of zero (0) violations were issued for failure to meet State designated interim measures. A total of 123 groundwater consecutive systems were tracked monthly to assure their special GWR compliance criteria.

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, and Iowa, EPA Region 6 staff, EPA Technical Support Center Staff, and staff from Process Applications, Inc., an EPA contractor. During Calendar year 2013, staff members attended the AWOP quarterly meetings and shared information and program implementation with other states. Turbidity data from monthly operation reports was entered into an Access database for performance tracking and to determine prioritization of efforts. As discussed below, staff also conducted 3 CPEs and provided plant specific technical assistance.

Comprehensive Performance Evaluations

A total of three (3), Comprehensive Performance Evaluations (CPE) were conducted during calendar year 2012. 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 four (4) to six (6) CPE's per calendar year. In calendar year 2013, CPE's were conducted at the Dardanelle, Ozark, and Ola water systems. A fourth CPE was scheduled at Mountain Home, but had to be postponed until 2014 due to inclement weather.

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.

The Engineering Section conducted a DBP focused Performance Based Training project starting in 2012 and continuing through 2013 into 2014. The “Beaver PBT” included Beaver Water District and 8 of its 16 consecutive water systems.

Among the water systems receiving other technical assistance related to disinfection byproducts in 2013 were; Airport Road, Beaver Water District, Benton County Water Authority #4, Bentonville, Bodcaw Rural, Chicot Junction, Elkins, Fayetteville, Hope, Lake Chicot, Lake Village, Magazine, Mayflower, Old Bella Vista, Ratcliff, Rogers, Springdale, and Tontitown. This technical assistance includes but is not limited to tank studies, monitoring plan updates, disinfection by-product related performance based training, chlorine control, total organic carbon treatment technique optimization through jar testing and pilot studies, and water system inspections.

Area Wide Optimization Program related activities, discussed elsewhere in this report, include Comprehensive Performance Evaluations, Comprehensive Technical Assistance, Performance Based Training, and quarterly and annual AWOP meetings. Systems involved in AWOP

Technical Assistance & Training (cont)

activities in addition to those systems listed under disinfection byproduct technical assistance above: Batesville, Clinton, Dardanelle, James Fork, Ola, Ozark, and Subiaco Academy

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 2013, summer interns checked the calibration of 211 turbidimeters, 66 pH meters, and 66 chlorine analyzers at 25 surface water treatment plants. Only 72% of the turbidimeters, 59% of the pH meters, and 79% of the chlorine analyzers were found to be in calibration. The findings for turbidimeters and pH meters are worse than last years.

In addition, the interns reviewed the bacteriological sample data for 223 water systems with a retail population less than 3,300 and had the following findings:

- 45 systems had “interesting” or low chlorine residuals and were listed for field follow ups
- 30 systems had field follow up chlorine residual checks done and chlorine residuals similar to the system reported residuals were found at 29 systems.
- 1 system had significantly different chlorine residuals and additional follow up by district staff determined the systems test kit was not giving accurate readings.
- It is interesting that the systems with populations less than 3,300 had far fewer discrepancies than the systems with populations between 3,300 and 10,000 population which were checked in 2012.

Cross-Connection Control Program

Approximately ninety (98) percent of the community water systems surveyed have at least a partial Cross Connection Control Program (CCCP) and approximately 1/3 of the community water systems have a 100% complete CCCP. Each year some systems let their cross-connection control program lapse because of operator turnover or from general lack of effort.

The cross-connection control engineer made one hundred and two (102) cross-connection program surveys at water utilities. Of these utilities, two (2) systems had no cross connection control program at all and twenty nine (29) systems have a 100% complete program. Five (5) visits were made to waterworks district meetings and conferences to provide CCCP presentations and training. The cross-connection control engineer is active in the American Backflow Prevention Association and the Backflow Prevention Association of Arkansas of which he is a member of the board of directors. He attended all four board meetings and taught three (3) classes

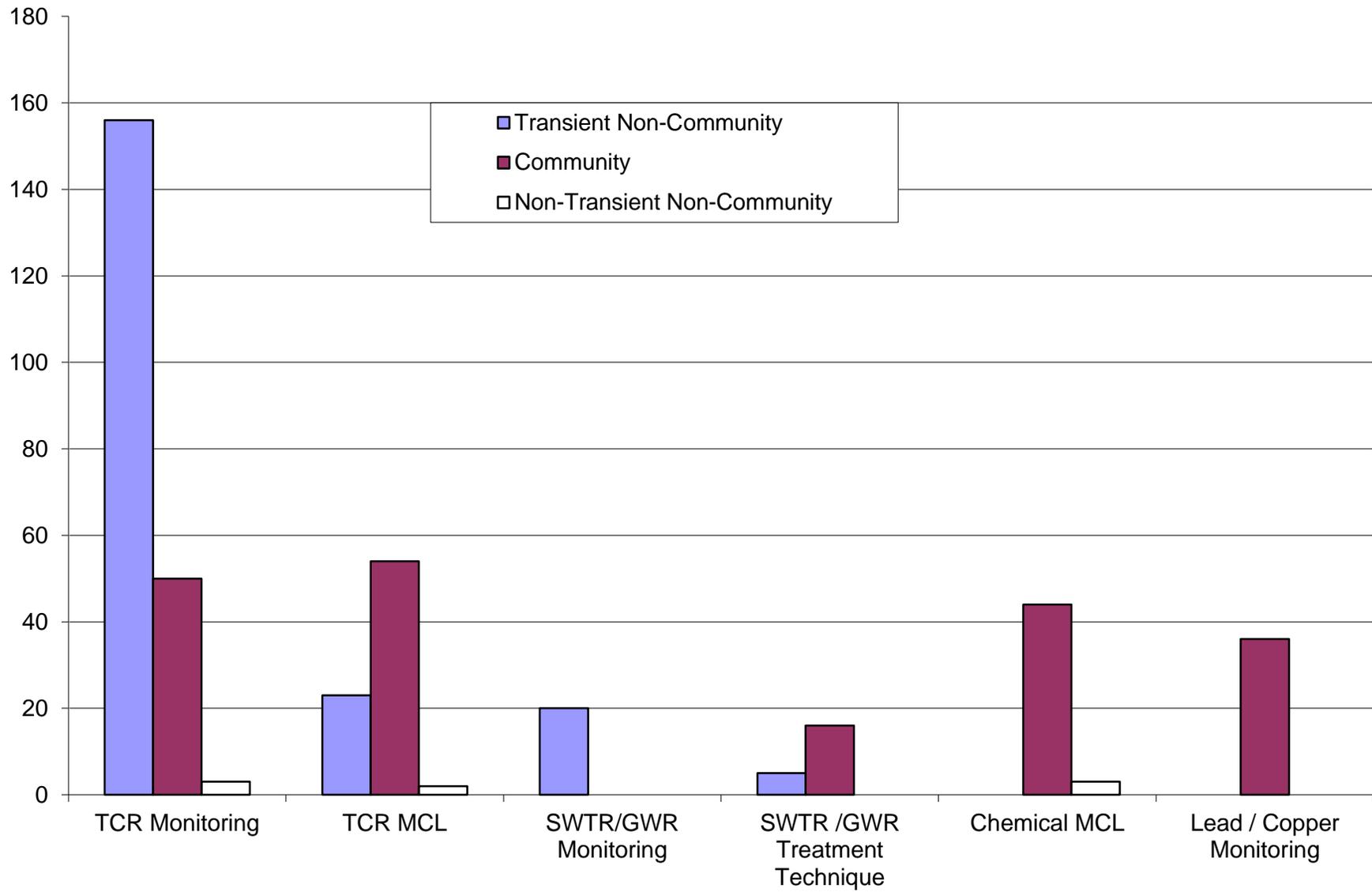
Water Operator Licensing and Training

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.

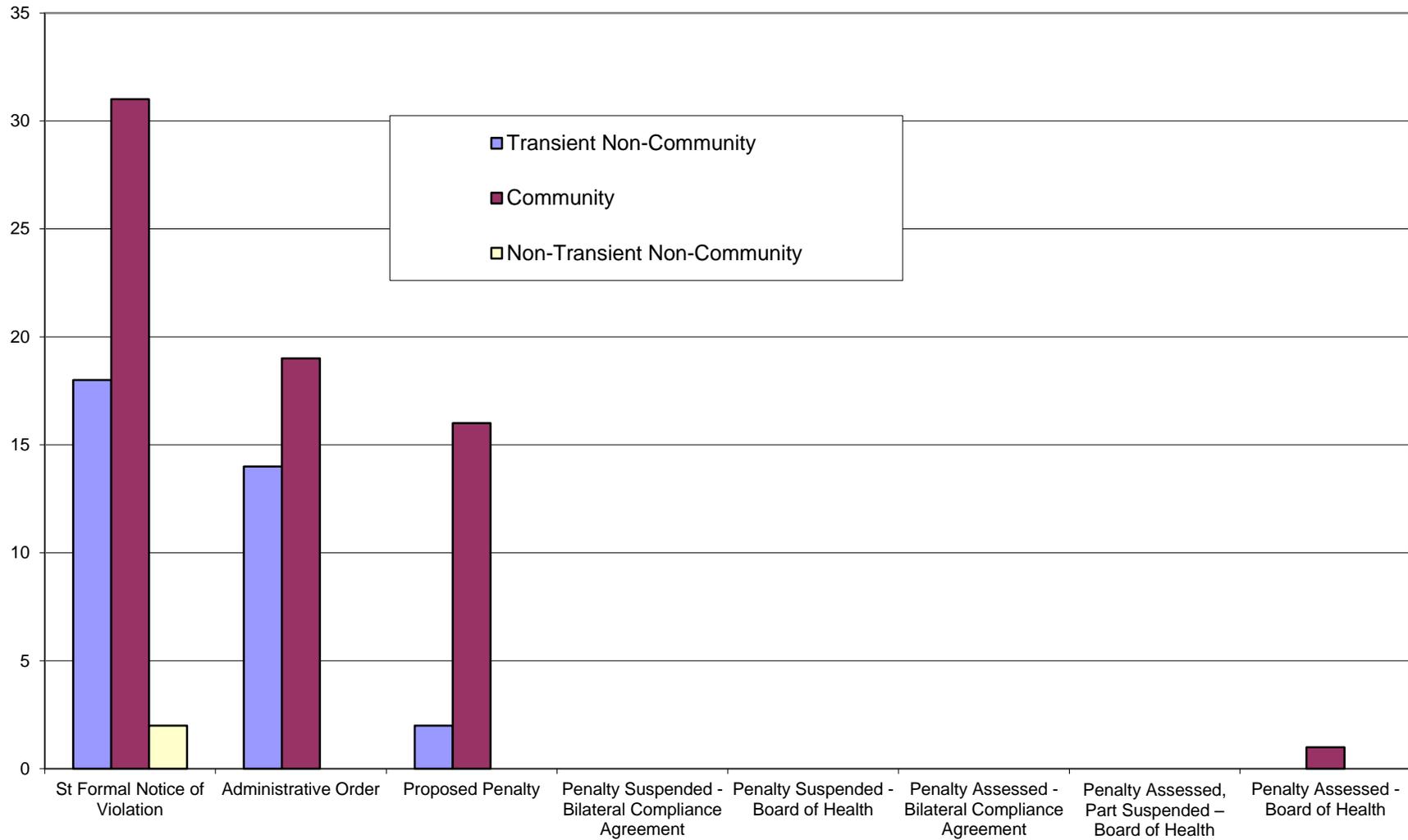
In order to sit for a water operator license exam, specific curriculum based courses must be attended. The 9 courses range from 8 to 24 hours in length with total hours ranging from 40 hours required for the lowest license grades and 96 hours for the highest license grades. The approved course providers 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 44 classroom based courses in 2013, 25 were SRF Capacity Development Set Aside federal funds. In addition they conducted 24 internet based training courses in 2013. The Arkansas Rural Water Association provided 40 courses in 2013, 29 were SRF funded. The Engineering Section is the only approved provider of the required public water system regulations and Safe Drinking Water Act Compliance course. The Compliance course was provided 15 times in 2013. A total of 123 mandatory training sessions were offered by the three approved training organizations in calendar year 2013. In addition to the above courses, approved general and specialized training is provided at: the annual conference and monthly meetings of the Arkansas Water Works and Water Environment Association and its nine (9) regional districts; the annual conference and specialty workshops of the Arkansas Rural Water Association; specialty workshops of the Arkansas Environmental Academy; and a large array of other relevant training is offered to water operators by various other industry groups and private vendors. Most of this training is approved for license renewal credit to assist licensed operator in meeting their continuing education requirement.

In calendar year 2013, approximately 464 water operator license exams were administered, 231 water operator licenses were issued, and 101 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 2355 active licensed water operators at the end of calendar year 2013. They held 3249 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
242	MINERAL SPRINGS WATERWORKS	21	5/1/2013	1208

PWS type: N

PWS ID	System Name	SDWIS Code	Violation Date	Retail population
T0563	FREEDOM RV PARK	21	4/1/2013	25
T0414	PARKWAY TRAVEL PARK	21	8/1/2013	30
T0399	STATION ONE	21	11/1/2013	50

Appendix B - Microbiological Maximum Contaminant Level Violations

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
365	BLYTHEVILLE WATERWORKS	22	7/1/2013	16910
979	Bonanza Waterworks	22	9/1/2013	575
014	BOYDELL WATER ASSOCIATION	22	8/1/2013	133
014	BOYDELL WATER ASSOCIATION	22	10/1/2013	133
014	BOYDELL WATER ASSOCIATION	22	12/1/2013	133
384	BRINKLEY WATERWORKS	22	1/1/2013	4200
384	BRINKLEY WATERWORKS	22	2/1/2013	4200
877	CAMP ROBINSON	22	6/1/2013	999
044	CENTERTON WATERWORKS	22	10/1/2013	11424
661	CHICOT JUNCTION WATER ASSOC	22	7/1/2013	779
096	CORNING WATERWORKS	22	5/1/2013	3377
596	COTTON PLANT WATERWORKS	22	8/1/2013	1181
596	COTTON PLANT WATERWORKS	22	9/1/2013	1181
249	CUSHMAN WATER SYSTEM	22	8/1/2013	1378
601	DARDANELLE WATERWORKS	22	8/1/2013	4228
685	DEER RUN WATER COMPANY	22	5/1/2013	117
685	DEER RUN WATER COMPANY	22	7/1/2013	117
539	EASTSIDE HOMEOWNERS ASSOC	22	7/1/2013	175
539	EASTSIDE HOMEOWNERS ASSOC	22	10/1/2013	175
525	EVENING SHADE WATERWORKS	22	9/1/2013	755
004	FORREST CITY WATERWORKS	22	12/1/2013	15220
625	FREE HOPE WATER ASSOCIATION	22	11/1/2013	185
T1101	GRASSY KNOB SUBORDINATE SD	22	6/1/2013	50
T1101	GRASSY KNOB SUBORDINATE SD	22	7/1/2013	50
436	HATFIELD WATERWORKS	22	7/1/2013	807
159	HICKORY RIDGE WATERWORKS	22	6/1/2013	272
388	HOLLY GROVE WATERWORKS	22	1/1/2013	1010
797	HORSESHOE HOMES WATER ASSOC	22	6/1/2013	82
797	HORSESHOE HOMES WATER ASSOC	22	7/1/2013	82
797	HORSESHOE HOMES WATER ASSOC	22	10/1/2013	82
765	HWY 4 24 WATER ASSOCIATION	22	10/1/2013	2507
774	INDEPENDENCE JACKSON REGIONAL	22	12/1/2013	2933
781	INDIAN SWITCH RURAL WATER ASSN	22	7/1/2013	730

Appendix B - Microbiological Maximum Contaminant Level Violations

466	JACKSONVILLE WATERWORKS	22	10/1/2013	30430
140	KIBLER WATER SYSTEM	22	10/1/2013	1812
031	LAKE BULL SHOALS ESTATES WATER	22	8/1/2013	54
081	LAKE VILLAGE WATERWORKS	22	4/1/2013	2735
822	LAKESIDE WATER ASSOCIATION	22	6/1/2013	1987
500	LESLIE WATER SYSTEM	22	8/1/2013	740
713	LYDESDALE WATER ASSOCIATION	22	10/1/2013	390
713	LYDESDALE WATER ASSOCIATION	22	11/1/2013	390
237	MALVERN WATERWORKS	22	8/1/2013	10958
237	MALVERN WATERWORKS	22	10/1/2013	10958
501	MARSHALL WATERWORKS	22	9/1/2013	2304
619	MAYNARD WATERWORKS	22	8/1/2013	470
170	MC GEHEE WATERWORKS	22	2/1/2013	4386
020	MONTROSE WATERWORKS	22	5/1/2013	462
314	MORO WATERWORKS	22	4/1/2013	308
856	NAIL-SWAIN WATER ASSOCIATION	22	7/1/2013	604
856	NAIL-SWAIN WATER ASSOCIATION	22	9/1/2013	604
557	NEW LONDON WATER ASSOCIATION	22	11/1/2013	868
146	OAK GROVE WATER ASSOCIATION	22	5/1/2013	2660
259	OXFORD WATERWORKS	22	12/1/2013	1105
998	Ozark Mtn Regional PWA	22	4/1/2013	0
998	Ozark Mtn Regional PWA	22	5/1/2013	0
090	PIGGOTT WATERWORKS	22	7/1/2013	4251
093	RECTOR WATERWORKS	22	9/1/2013	2933
815	SOUTH MOUNTAIN WATER ASSN	22	9/1/2013	739
792	SOUTHERN HILLS WATER SYSTEM	22	7/1/2013	45
318	STAR CITY WATER WATERWORKS	22	5/1/2013	2842
057	SULPHUR SPRINGS WATERWORKS	22	10/1/2013	720
618	TOLLETTE WATER	22	6/1/2013	339
618	TOLLETTE WATER	22	7/1/2013	339
855	TWIN OAKS MOBILE HOME PARK	22	10/1/2013	35
654	UNITED WATER ASSOCIATION	22	1/1/2013	568
1133	WARD MOBILE HOME PARK	22	4/1/2013	63
321	WILTON WATERWORKS	22	11/1/2013	374

Appendix B - Microbiological Maximum Contaminant Level Violations

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
N0074	ASHLEY MINERAL SPRING	22	5/1/2013	25
T0061	BARN CAFÉ	22	9/1/2013	25
T1086	BEAR CREEK COUNTRY STORE	22	1/1/2013	50
T1047	BUFFALO OUTDOOR CENTER	22	9/1/2013	25
T1047	BUFFALO OUTDOOR CENTER	22	10/1/2013	25
T0998	BULLFROG MARINA	22	4/1/2013	25
T0102	BYRD'S ADVENTURE CENTER, INC.	22	5/1/2013	25
T1095	CATALPA GENERAL STORE	22	12/1/2013	30
1148	COUNTRY BURGERS	22	6/1/2013	25
748	CRABAPPLE POINT WATER SYSTEM	22	8/1/2013	10
748	CRABAPPLE POINT WATER SYSTEM	22	9/1/2013	10
748	CRABAPPLE POINT WATER SYSTEM	22	10/1/2013	10
748	CRABAPPLE POINT WATER SYSTEM	22	11/1/2013	10
T0116	FERNCLIFF CAMP CONFER CENTER	22	7/1/2013	162
T0116	FERNCLIFF CAMP CONFER CENTER	22	10/1/2013	162
T0563	FREEDOM RV PARK	22	9/1/2013	25
982	MULBERRY RIVER MOUNTAIN RANCH	22	6/1/2013	25
1015	Ozark mountain Gallery	22	6/1/2013	25
T0406	OZARK REGULAR BAPTIST CAMP	22	6/1/2013	25
T0406	OZARK REGULAR BAPTIST CAMP	22	7/1/2013	25
T0406	OZARK REGULAR BAPTIST CAMP	22	8/1/2013	25
T0406	OZARK REGULAR BAPTIST CAMP	22	9/1/2013	25
T0414	PARKWAY TRAVEL PARK	22	10/1/2013	30
T0414	PARKWAY TRAVEL PARK	22	11/1/2013	30
N0142	PRIMO REFILL LLC STUTTGART WAL-M102	22	2/1/2013	30
T1038	RED BUD VALLEY RESORT	22	8/1/2013	25
936	RIVERSIDE RETREAT	22	1/1/2013	25
T0294	SHEPHERDS INN RETREAT CENTER	22	5/1/2013	50
T0696	USCOE NFWP29 GAMALIEL	22	7/1/2013	192

PWS type: P

PWS	System Name	SDWIS Code	Violation Date	Retail population
N0106	Great Lakes Chemical West	22	7/1/2013	25
N0106	Great Lakes Chemical West	22	12/1/2013	25
932	MOUNTAIN DEVELOPMENT	22	5/1/2013	50
932	MOUNTAIN DEVELOPMENT	22	9/1/2013	50

Appendix C - Microbiological Monitoring - No Valid Samples

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
721	AURELLE WATER SYSTEM	23	7/1/2013	310
068	BANKS WATERWORKS	23	1/1/2013	294
068	BANKS WATERWORKS	23	2/1/2013	294
068	BANKS WATERWORKS	23	10/1/2013	294
785	BARKADA WATER ASSOCIATION	23	12/1/2013	381
622	BATTS-LAPILE WATER ASSOCIATION	23	11/1/2013	635
904	BEDFORD FALLS MHP	23	6/1/2013	95
130	CASH WATERWORKS	23	3/1/2013	364
203	CASS C C C	23	11/1/2013	264
813	COTTONWOOD WATER ASSOCIATION	23	3/1/2013	670
813	COTTONWOOD WATER ASSOCIATION	23	11/1/2013	670
199	DENNING WATERWORKS	23	5/1/2013	588
199	DENNING WATERWORKS	23	11/1/2013	588
082	DERMOTT WATERWORKS	23	1/1/2013	3228
082	DERMOTT WATERWORKS	23	2/1/2013	3228
316	GOULD MUNICIPAL WATER-SEWER	23	5/1/2013	1041
097	GREENWAY WATERWORKS	23	12/1/2013	322
506	HARTFORD WATERWORKS	23	9/1/2013	655
344	HUMNOKE WATERWORKS	23	8/1/2013	331
397	JASPER WATERWORKS	23	8/1/2013	766
108	KINGSLAND WATERWORKS	23	11/1/2013	553
747	LEISURE HILLS MOBILE HOME PARK	23	2/1/2013	117
619	MAYNARD WATERWORKS	23	4/1/2013	470
589	MC RAE WATERWORKS	23	10/1/2013	956
409	MILLWOOD WATER CORPORATION	23	10/1/2013	487
680	MT SHERMAN WATER ASSOCIATION	23	10/1/2013	769
175	NORTHERN OHIO WATER ASSOC	23	4/1/2013	663
818	PIKE CITY WATER ASSN	23	3/1/2013	321
354	PYATT WATERWORKS	23	1/1/2013	225
477	RAVENDEN SPRINGS WATERWORKS	23	6/1/2013	143
318	STAR CITY WATER WATERWORKS	23	6/1/2013	2842
556	STRONG WATERWORKS	23	7/1/2013	910
891	TALL OAKS MHP	23	10/1/2013	37
137	VANDERVOORT WATERWORKS	23	6/1/2013	685
137	VANDERVOORT WATERWORKS	23	8/1/2013	685
205	VIOLA WATERWORKS	23	6/1/2013	282

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Appendix C - Microbiological Monitoring - No Valid Samples

283	WABBASEKA WATERWORKS	23	1/1/2013	360
285	WHITE HALL WATERWORKS	23	11/1/2013	4732
806	WIEDERKEHR VILLAGE WATER DEPT	23	5/1/2013	77
806	WIEDERKEHR VILLAGE WATER DEPT	23	11/1/2013	77
650	WILLISVILLE WATERWORKS	23	4/1/2013	448
321	WILTON WATERWORKS	23	9/1/2013	374
383	YARBRO WATERWORKS	23	4/1/2013	369
383	YARBRO WATERWORKS	23	11/1/2013	369

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
T0323	101 Great American Diner	23	11/1/2013	32
T0015	AHTD-LONSDALE REST AREA	23	10/1/2013	100
T0171	ANGLERS GRILL	23	6/1/2013	50
T0171	ANGLERS GRILL	23	11/1/2013	50
960	ANTIOCH CHURCH	23	3/1/2013	
T1002	BAR NONE COWBOY CHURCH	23	11/1/2013	125
T1086	BEAR CREEK COUNTRY STORE	23	6/1/2013	50
1080	BIGGERS BED AND BREADFAST	23	6/1/2013	25
1080	BIGGERS BED AND BREADFAST	23	10/1/2013	25
1155	BLUE BELL CAFE	23	8/1/2013	25
1155	BLUE BELL CAFE	23	9/1/2013	25
1001	Blue Heron Campground	23	6/1/2013	25
T0350	BLUE WATER'S RESORT	23	10/1/2013	52
T0885	BOLL WEEVIL	23	12/1/2013	300
973	CAMP WAR EAGLE	23	5/1/2013	700
T1003	CEDAR FALLS RESORT MOTEL	23	7/1/2013	25
T1003	CEDAR FALLS RESORT MOTEL	23	10/1/2013	25
T1003	CEDAR FALLS RESORT MOTEL	23	11/1/2013	25
T1003	CEDAR FALLS RESORT MOTEL	23	12/1/2013	25
931	CEDAR RIDGE COUNTRY CUPBOARD	23	5/1/2013	25
931	CEDAR RIDGE COUNTRY CUPBOARD	23	6/1/2013	25
T0431	CEDAR VALLEY INC	23	6/1/2013	250
938	CHRISTIAN LIFE CHURCH OF NW AR	23	9/1/2013	50
938	CHRISTIAN LIFE CHURCH OF NW AR	23	11/1/2013	50
T1080	CITGO FLASH MARKET	23	1/1/2013	250
748	CRABAPPLE POINT WATER SYSTEM	23	1/1/2013	10
N0186	CULLIGAN WATER CONDITIONING	23	10/1/2013	30
T0269	CUTOFF CORNER CAFÉ & DAIRY BAR	23	4/1/2013	25

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Appendix C - Microbiological Monitoring - No Valid Samples

T1076	ECHO CANYON RESORT & MARINA	23	4/1/2013	30
T0116	FERNCLIFF CAMP CONFER CENTER	23	11/1/2013	162
T0215	FISH FIDDLE RESORT	23	9/1/2013	50
942	FRED BERRY CONSERVATION ED CTR	23	6/1/2013	25
942	FRED BERRY CONSERVATION ED CTR	23	11/1/2013	25
T0563	FREEDOM RV PARK	23	11/1/2013	25
T0932	GASKINS CABIN STEAKHOUSE	23	9/1/2013	75
T0932	GASKINS CABIN STEAKHOUSE	23	12/1/2013	75
972	GENERAL WATER CONDITIONING	23	3/1/2013	30
972	GENERAL WATER CONDITIONING	23	11/1/2013	30
1142	GLACIER 8473FAMD PINEY	23	12/1/2013	30
1140	GLACIER BG105 PINE BLUFF	23	12/1/2013	30
1120	GLACIER CASHSAV3301 RUSSELLVILLE	23	12/1/2013	30
1143	GLACIER FAMD4009 RUSSELLVILLE	23	12/1/2013	30
1045	GLACIER FOOD GIANT 19 FC	23	9/1/2013	80
1046	GLACIER FOOD GIANT 37 MAR	23	9/1/2013	80
1024	Glacier HF1684 LR	23	12/1/2013	30
1084	GLACIER MERC101 SPRINGDALE	23	9/1/2013	30
1115	GLACIER SNAP22 CALICO ROCK	23	8/1/2013	30
1115	GLACIER SNAP22 CALICO ROCK	23	12/1/2013	30
N0245	GLACIER WATER BG CAMDEN 2239	23	12/1/2013	30
N0242	GLACIER WATER BG ELDORADO 2195	23	8/1/2013	30
N0242	GLACIER WATER BG ELDORADO 2195	23	12/1/2013	30
N0243	GLACIER WATER BG MAGNOLIA 2371	23	12/1/2013	30
1021	GLACIER WATER EDWARDS FG3475	23	12/1/2013	30
1159	GLACIER WATER FAMD0968 PINE BLUFF	23	10/1/2013	30
1159	GLACIER WATER FAMD0968 PINE BLUFF	23	12/1/2013	30
1160	GLACIER WATER FAMD1294 W. HELENA	23	9/1/2013	30
1161	GLACIER WATER FAMD3377 FT. SMITH	23	12/1/2013	30
1162	GLACIER WATER FAMD8571 FT. SMITH	23	12/1/2013	30
1173	GLACIER WATER FAMD9079 OZARK	23	12/1/2013	30
T0611	H K THATCHER LOCK AND DAM	23	10/1/2013	25
981	HARVEST CHURCH	23	5/1/2013	75
T0258	HOLIDAY HILLS RESORT	23	10/1/2013	150
T1052	HORIZON-LAKEVIEW RESTAURANT	23	10/1/2013	30
1094	J & J WATER SPORTS	23	3/1/2013	50
T0332	LITTLE PORTION RETREAT CENTER	23	12/1/2013	60
T0870	MILLWOOD LANDING GOLF & RV RESORT	23	3/1/2013	125
N0094	MOUNTAIN PURE LLC	23	2/1/2013	30

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Appendix C

Appendix C - Microbiological Monitoring - No Valid Samples

N0094	MOUNTAIN PURE LLC	23	8/1/2013	30
957	NORFORK MARINA	23	6/1/2013	0
1015	Ozark mountain Gallery	23	9/1/2013	25
1018	Parthenon Church of God	23	10/1/2013	35
1018	Parthenon Church of God	23	11/1/2013	35
1071	PRIMO WMSCO171 CAMDEN	23	4/1/2013	30
N0142	PRIMO REFILL LLC STUTTGART WAL-M102	23	11/1/2013	30
1153	PRIMO REFILL LLC WMSC 0083 MAGNOLIA	23	3/1/2013	30
1153	PRIMO REFILL LLC WMSC 0083 MAGNOLIA	23	4/1/2013	30
1152	PRIMO REFILL LLC WMSC 0169 LONOKE	23	11/1/2013	30
1145	PRIMO REFILL LLC WMSC0062 BLYTHEVILLE	23	9/1/2013	30
1145	PRIMO REFILL LLC WMSC0062 BLYTHEVILLE	23	10/1/2013	30
911	PRIMO REFILL LLC WMSC0068 WYNNE	23	3/1/2013	30
911	PRIMO REFILL LLC WMSC0068 WYNNE	23	8/1/2013	30
1169	PRIMO REFILL LLC WMSC0074 OSCEOLA	23	9/1/2013	30
939	PRIMO REFILL LLC WMSC0167 CROSSETT	23	4/1/2013	30
939	PRIMO REFILL LLC WMSC0167 CROSSETT	23	6/1/2013	30
939	PRIMO REFILL LLC WMSC0167 CROSSETT	23	9/1/2013	30
977	PRIMO REFILL LLC WMSC0358 ALMA	23	3/1/2013	80
N0231	PRIMO REFILL LLC WMSC0468 TEXARKANA	23	3/1/2013	30
918	PRIMO REFILL LLC WMSC3331 PINE BLUFF	23	11/1/2013	30
974	PRIMO REFILL LLC WMSC336 SHERIDAN	23	4/1/2013	30
1147	PRIMO REFILL LLC WMSC348 MONTICELLO	23	4/1/2013	30
1147	PRIMO REFILL LLC WMSC348 MONTICELLO	23	5/1/2013	30
1147	PRIMO REFILL LLC WMSC348 MONTICELLO	23	6/1/2013	30
1147	PRIMO REFILL LLC WMSC348 MONTICELLO	23	8/1/2013	30
1147	PRIMO REFILL LLC WMSC348 MONTICELLO	23	9/1/2013	30
1147	PRIMO REFILL LLC WMSC348 MONTICELLO	23	10/1/2013	30
N0166	PRIMO REFILL LLCASH FLAT WAL-MT160	23	9/1/2013	30
N0154	PRIMO REFILL LLCELDORADO WAL-M530	23	2/1/2013	30
N0154	PRIMO REFILL LLCELDORADO WAL-M530	23	5/1/2013	30
N0154	PRIMO REFILL LLCELDORADO WAL-M530	23	6/1/2013	30
N0154	PRIMO REFILL LLCELDORADO WAL-M530	23	9/1/2013	30
N0153	PRIMO REFILL LLCFORREST CITY WAL-91	23	3/1/2013	30
N0192	PRIMO REFILL LLCFT SMITH WALM125	23	8/1/2013	30
N0212	PRIMO REFILL LLC HARP'S 135 MOUNTAIN	23	11/1/2013	30
N0158	PRIMO REFILL LLC HARRISON WAL-MAR2	23	1/1/2013	30
N0198	PRIMO REFILL LLC JACKSONVILLE WALM24	23	3/1/2013	30
N0175	PRIMO REFILL LLC JONESBORO WAL-M128	23	9/1/2013	30

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Appendix C

Appendix C - Microbiological Monitoring - No Valid Samples

N0175	PRIMO REFILL LLCJONESBORO WAL-M128	23	10/1/2013	30
N0160	PRIMO REFILL LLCJONESBORO WAL-M145	23	3/1/2013	30
N0160	PRIMO REFILL LLCJONESBORO WAL-M145	23	9/1/2013	30
N0160	PRIMO REFILL LLCJONESBORO WAL-M145	23	10/1/2013	30
N0161	PRIMO REFILL LLCPARAGOULD WAL-	23	8/1/2013	30
N0161	PRIMO REFILL LLCPARAGOULD WAL-	23	9/1/2013	30
N0161	PRIMO REFILL LLCPARAGOULD WAL-	23	10/1/2013	30
N0164	PRIMO REFILL LLCPOCAHONTAS WAL-M71	23	3/1/2013	30
N0164	PRIMO REFILL LLCPOCAHONTAS WAL-M71	23	8/1/2013	30
N0164	PRIMO REFILL LLCPOCAHONTAS WAL-M71	23	9/1/2013	30
N0164	PRIMO REFILL LLCPOCAHONTAS WAL-M71	23	10/1/2013	30
N0151	PRIMO REFILL LLCW MEMPHIS WAL-MA70	23	10/1/2013	30
N0221	PRIMO REFILL LLCW MSC1065 HOPE	23	3/1/2013	30
934	Primo WMSC5433 HSV	23	1/1/2013	30
936	RIVERSIDE RETREAT	23	10/1/2013	25
936	RIVERSIDE RETREAT	23	12/1/2013	25
T0468	RIVERVIEW COUNTRY STORE	23	3/1/2013	30
T0470	ROADRUNNER INN	23	11/1/2013	25
T0472	ROCKING CHAIR RANCH	23	4/1/2013	84
T1097	ROOST YOUR WHEELS	23	10/1/2013	120
T1085	RUSSELL'S RV PARK	23	5/1/2013	165
T0484	SANDRA D'S GROCERY & FUEL STOP	23	4/1/2013	25
989	Sean's Restaurant	23	10/1/2013	25
989	Sean's Restaurant	23	11/1/2013	25
T0294	SHEPHERDS INN RETREAT CENTER	23	7/1/2013	50
T0513	SPRING RIVER OAKS CAMP	23	4/1/2013	25
T0399	STATION ONE	23	1/1/2013	50
T0399	STATION ONE	23	7/1/2013	50
T0399	STATION ONE	23	8/1/2013	50
T1109	SUGAR CREEK LODGE	23	12/1/2013	25
T0524	SUNRISE POINT RESORT	23	10/1/2013	76
945	SUPERLIFT ORV PARK	23	2/1/2013	80
945	SUPERLIFT ORV PARK	23	3/1/2013	80
T0526	SUPPLY COUNTRY STORE	23	4/1/2013	150
1010	Taylor Jam	23	2/1/2013	25
T0829	THE INN AT LOST BRIDGE	23	10/1/2013	25
T1108	THE ROADHOUSE	23	10/1/2013	50
T1108	THE ROADHOUSE	23	11/1/2013	50
T0550	THREE OAKS RESORT	23	7/1/2013	40

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Appendix C

Appendix C - Microbiological Monitoring - No Valid Samples

T0550	THREE OAKS RESORT	23	8/1/2013	40
T0682	USCOE MIP5 COTTONSHED	23	10/1/2013	25
T1053	USCOE NF HOWARD COVE	23	8/1/2013	100
T1053	USCOE NF HOWARD COVE	23	9/1/2013	100
T0852	WHITE RIVER CAMPGROUND	23	1/1/2013	250
T0852	WHITE RIVER CAMPGROUND	23	5/1/2013	250

PWS type: P

PWS	System Name	SDWIS Code	Violation Date	Retail population
N0134	NSC INTERNATIONAL	23	5/1/2013	38
N0134	NSC INTERNATIONAL	23	9/1/2013	38
N0126	TRINITY BEHAVIORAL HEALTH	23	11/1/2013	99

Appendix D - Microbiological Monitoring - No resamples of Positive Samples

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
068	BANKS WATERWORKS	25	4/1/2013	294
111	EMERSON WATERWORKS	25	7/1/2013	1158
781	INDIAN SWITCH RURAL WATER ASSN	25	9/1/2013	730
020	MONTROSE WATERWORKS	25	4/1/2013	462
020	MONTROSE WATERWORKS	25	12/1/2013	462
1133	WARD MOBILE HOME PARK	25	2/1/2013	63

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
T1086	BEAR CREEK COUNTRY STORE	25	8/1/2013	50
T1086	BEAR CREEK COUNTRY STORE	25	12/1/2013	50
T0563	FREEDOM RV PARK	25	12/1/2013	25
T0870	MILLWOOD LANDING GOLF & RV RESORT	25	6/1/2013	125
T0399	STATION ONE	25	12/1/2013	50

Appendix E - Surface Water Treatment Rule Monitoring

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
1155	BLUE BELL CAFE	36	11/1/2013	25
1155	BLUE BELL CAFE	36	12/1/2013	25
N0094	MOUNTAIN PURE LLC	36	1/1/2013	30
N0094	MOUNTAIN PURE LLC	36	2/1/2013	30
N0094	MOUNTAIN PURE LLC	36	3/1/2013	30
N0073	MT VALLEY SPRING CO	36	2/1/2013	25
N0073	MT VALLEY SPRING CO	36	4/1/2013	25
N0073	MT VALLEY SPRING CO	36	11/1/2013	25
T0829	THE INN AT LOST BRIDGE	36	5/1/2013	25
T0829	THE INN AT LOST BRIDGE	36	10/1/2013	25
T0852	WHITE RIVER CAMPGROUND	36	12/1/2013	250

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Appendix E

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

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
485	ARKANSAS HEALTH CENTER	41	11/30/2013	1000
721	AURELLE WATER SYSTEM	41	6/30/2013	310
670	DEER WATER ASSOCIATION	41	1/31/2013	882
075	EUREKA SPRINGS WATERWORKS	41	10/31/2013	3158
075	EUREKA SPRINGS WATERWORKS	41	11/30/2013	3158
358	FOUKE WATERWORKS	41	9/30/2013	975
358	FOUKE WATERWORKS	41	10/31/2013	975
358	FOUKE WATERWORKS	41	11/30/2013	975
358	FOUKE WATERWORKS	41	12/31/2013	975
T1101	GRASSY KNOB SUBORDINATE SD	41	9/30/2013	50
884	HOSANNA HEIGHTS WATER	41	5/31/2013	79
208	HOT SPRINGS VILLAGE WATERWORKS	41	11/30/2013	13500
580	PANGBURN WATERWORKS	41	9/30/2013	3300
580	PANGBURN WATERWORKS	41	10/31/2013	3300
580	PANGBURN WATERWORKS	41	11/30/2013	3300
580	PANGBURN WATERWORKS	41	12/31/2013	3300
580	PANGBURN WATERWORKS	41	12/31/2013	3300
649	PENDLETON-PEA RIDGE WATER ASSN	41	2/28/2013	977
623	PERLA WATER ASSOCIATION	41	8/31/2013	1900
112	WALDO WATERWORKS	41	7/31/2013	1372
174	WATSON WATERWORKS	41	1/31/2013	321
174	WATSON WATERWORKS	41	2/28/2013	321
174	WATSON WATERWORKS	41	3/31/2013	321
174	WATSON WATERWORKS	41	5/31/2013	321
650	WILLISVILLE WATERWORKS	41	10/31/2013	448
321	WILTON WATERWORKS	41	12/31/2013	374

PWS type: N

PWS	System Name	SDWIS Code	Violation Date	Retail population
N0073	MT VALLEY SPRING CO	41	5/31/2013	25

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Appendix F

Appendix G - Chemical Maximum Contaminant Level Violation

PWS type: C

PWS ID	System Name	SDWIS Code	Violation Definition	Violation Date	Retail population
088	AMITY WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	762
088	AMITY WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	762
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	403
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	403
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2013	403
638	BLUE MOUNTAIN WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2013	403
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	1203
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	1203
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	7/1/2013	1203
887	BODCAW RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	10/1/2013	1203
653	BRANCH WATER WORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	480
653	BRANCH WATER WORKS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2013	480
200	CHARLESTON WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	3423
200	CHARLESTON WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	3423

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Appendix G

Appendix G - Chemical Maximum Contaminant Level Violation

504	GREENWOOD WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	10/1/2013	8823
327	MAGAZINE WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	1038
327	MAGAZINE WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	1038
438	MENA WATER DEPT	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	4/1/2013	5590
438	MENA WATER DEPT	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	7/1/2013	5590
438	MENA WATER DEPT	2950	Maximum Contaminant Level Violation for TTHM	7/1/2013	5590
438	MENA WATER DEPT	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	10/1/2013	5590
438	MENA WATER DEPT	2950	Maximum Contaminant Level Violation for TTHM	10/1/2013	5590
773	MILLTOWN-WASHBURN WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	3548
773	MILLTOWN-WASHBURN WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	3548
773	MILLTOWN-WASHBURN WATER USERS	2950	Maximum Contaminant Level Violation for TTHM	7/1/2013	3548
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	0
951	MONTGOMERY CO REGIONAL PWA	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	7/1/2013	0
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	7/1/2013	0
951	MONTGOMERY CO REGIONAL PWA	2950	Maximum Contaminant Level Violation for TTHM	10/1/2013	0

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Appendix G

Appendix G - Chemical Maximum Contaminant Level Violation

951	MONTGOMERY CO REGIONAL PWA	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	10/1/2013	0
826	NORTH PIKE CO RURAL WATER ASSN	2456	Maximum Contaminant Level Violation for Total Haloacetic Acids (HAA5)	4/1/2013	1976
559	OLD UNION WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	1233
559	OLD UNION WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	1233
559	OLD UNION WATER ASSOCIATION	2950	Maximum Contaminant Level Violation for TTHM	7/1/2013	1233
1078	OZAN CREEK RURAL WATER SYSTEM	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	1074
605	PLAINVIEW WATER DEPARTMENT	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	1063
605	PLAINVIEW WATER DEPARTMENT	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	1063
605	PLAINVIEW WATER DEPARTMENT	2950	Maximum Contaminant Level Violation for TTHM	7/1/2013	1063
329	RATCLIFF WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	1350
329	RATCLIFF WATERWORKS	2950	Maximum Contaminant Level Violation for TTHM	4/1/2013	1350
758	SDM WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for Fluoride	1/1/2013	373
758	SDM WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for Fluoride	4/1/2013	373
758	SDM WATER ASSOCIATION	1025	Maximum Contaminant Level Violation for Fluoride	7/1/2013	373
851	SOUTH LOGAN COUNTY WATER	2950	Maximum Contaminant Level Violation for TTHM	1/1/2013	1540

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Appendix G

Appendix G - Chemical Maximum Contaminant Level Violation

PWS type: P

PWS ID	System Name	SDWIS Code	Violation Definition	Violation Date	Retail population
T1110	ARK STATE PARK MT MAGAZINE	2950	Maximum Contaminant Level Violation for TTHM	10/1/2013	128
N0241	HUTCHINSON REALTY	1025	Maximum Contaminant Level Violation for Fluoride	1/1/2013	55
932	MOUNTAIN DEVELOPMENT	1025	Maximum Contaminant Level Violation for Fluoride	1/1/2013	50

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Appendix G

Appendix H - Radium Maximum Contaminant Level Violation

PWS type: C

PWS	System Name	SDWIS Code	Violation Date	Retail population
096	CORNING WATERWORKS	4010	10/1/2013	3377
680	MT SHERMAN WATER ASSOCIATION	4010	1/1/2013	769
680	MT SHERMAN WATER ASSOCIATION	4010	4/1/2013	769
680	MT SHERMAN WATER ASSOCIATION	4010	7/1/2013	769
758	SDM WATER ASSOCIATION	4010	1/1/2013	373
758	SDM WATER ASSOCIATION	4010	4/1/2013	373
758	SDM WATER ASSOCIATION	4010	7/1/2013	373
815	SOUTH MOUNTAIN WATER ASSN	4010	1/1/2013	739
815	SOUTH MOUNTAIN WATER ASSN	4010	4/1/2013	739
815	SOUTH MOUNTAIN WATER ASSN	4010	7/1/2013	739

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Appendix H

Appendix I - Lead & Copper Rule Monitoring & Treatment Technique

PWS type: C

PWS ID	System Name	SDWIS Code	Violation Definition	Violation Date	Retail population
324	145TH STREET WATER SEWER	52	Follow-up and Routine Tap Sampling	12/31/2004	461
377	BASSETT WATERWORKS	52	Follow-up and Routine Tap Sampling	10/1/2011	173
777	BRUSHY ISLAND WATER AUTHORITY	52	Follow-up and Routine Tap Sampling	11/25/2003	789
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	1181
461	DENNARD WATER ASSOCIATION	65	Public Education	12/1/2012	880
150	EARLE WATERWORKS	52	Follow-up and Routine Tap Sampling	10/1/2005	1836
636	FRENCHPORT WATER ASSOCIATION	52	Follow-up and Routine Tap Sampling	1/1/2010	1783
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2013	322
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2012	322
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	1/1/2011	322
097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	7/1/2011	322

Appendix I - Lead & Copper Rule Monitoring & Treatment Technique

097	GREENWAY WATERWORKS	52	Follow-up and Routine Tap Sampling	7/1/2012	322
344	HUMNOKE WATERWORKS	65	Public Education	9/30/2013	331
420	LAKE VIEW MUNICIPAL WATER	52	Follow-up and Routine Tap Sampling	1/1/2007	756
1091	LEATHERWOOD VIEW ESTATES	51	Initial Tap Sampling for Pb and Cu	7/1/2012	40
229	MC CASKILL WATERWORKS	52	Follow-up and Routine Tap Sampling	12/31/2002	100
409	MILLWOOD WATER CORPORATION	52	Follow-up and Routine Tap Sampling	1/1/2007	487
1075	NORTH HOWARD RURAL WATER ASSOCIATION	65	Public Education	10/4/2012	964
113	PINE REST MOBILE HOME PARK	52	Follow-up and Routine Tap Sampling	1/1/2007	53
892	RIVERWALK APARTMENTS	51	Initial Tap Sampling for Pb and Cu	2/28/2005	350
806	WIEDERKEHR VILLAGE WATER DEPT	52	Follow-up and Routine Tap Sampling	7/1/2010	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	1/1/2010	77

PWS type: P

PWS ID System Name SDWIS Code Violation Definition Violation Date Retail population

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Appendix I

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
PWS type:PWS type: C		
811	ACORN RURAL WATER ASSN	1895
315	ADC - CUMMINS UNIT MAINT	3800
282	ADC - TUCKER UNIT MAINT	1500
796	ADC EAST ARKANSAS REGIONAL	1536
663	AIRPORT ROAD WATER ASSOCIATION	576
303	ALICIA WATER SYSTEM	157
144	ALMA WATERWORKS	4963
006	ALMYRA WATERWORKS	406
058	ALPENA WATERWORKS	550
764	ALPINE WATER ASSOCIATION	740
271	ALTHEIMER WATERWORKS	918
197	ALTUS WATERWORKS	1850
424	ANTOINE WATERWORKS	618
085	ARKADELPHIA WATERWORKS	10300
167	ARKANSAS CITY WATERWORKS	535
667	ARSENAL WATER SYSTEM	2577
527	ASH FLAT WATER COMPANY	1097
320	ASHDOWN WATERWORKS	4831
441	ATKINS WATER SYSTEM	3150
597	AUGUSTA WATERWORKS	2665
346	AUSTIN WATERWORKS	2436
890	AUTUMN ACRES MHP	88
689	BALD KNOB NORTH WATER ASSOC	2646
584	BALD KNOB WATERWORKS	2897
512	BARLING WATERWORKS	4238
415	BARTON LEXA WATER ASSOCIATION	4000
819	BASIN VALLEY WATER SYSTEM	390
377	BASSETT WATERWORKS	173
250	BATESVILLE WATER UTILITIES	11245
497	BAUXITE WATER	574
129	BAY WATERWORKS	1801
401	BEARDEN WATERWORKS	0
038	BEAVER WATER DISTRICT	0
844	BEAVERFORK VOLUNTEER FD WSD	2870
592	BEEBE WATERWORKS	5500
262	BEEDEVILLE WATER WORKS	113
039	BELLA VISTA P.O.A.	26461
059	BELLEFONTE WATER	445
600	BELLEVILLE WATER	1078

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
519	BEN LOMOND WATERWORKS	156
037	BENTON CO WATER	5217
899	BENTON COUNTY WATER AUTHORITY4	523
913	BENTON COUNTY WATER AUTHORITY5	1530
484	BENTON WATERWORKS	30681
041	BENTONVILLE WATER UTILITIES	35301
871	BENTON-WASHINGTON REGIONAL PWA	0
060	BERGMAN WATERWORKS	2748
074	BERRYVILLE WATERWORKS	5632
627	BETHESDA WATER ASSOCIATION	1302
799	BIG CLIFTY WATER	150
026	BIG FLAT WATERWORKS	523
411	BIGELOW WATERWORKS	544
476	BIGGERS WATERWORKS	347
417	BIRDSONG WHITTON WATER ASSOC	451
448	BISCOE WATERWORKS	482
123	BLACK OAK WATERWORKS	241
302	BLACK ROCK WATERWORKS	663
233	BLEVINS WATERWORKS	387
178	BOIS D'ARC WATER SYSTEM	50
126	BONO WATERWORKS	1971
336	BOONEVILLE DEVELOPMENT CENTER	275
326	BOONEVILLE WATERWORKS	4768
179	BOWSER WATER ASSN	554
054	BRADLEY CO RURAL WATER ASSN	1099
294	BRADLEY WATERWORKS	258
223	BRECKENRIDGE UNION WATER ASSOC	1316
024	BRIARCLIFF WATERWORKS	313
131	BROOKLAND WATERWORKS	1858
837	BRUNNER HILL WATER ASSOC	1023
295	BUCKNER WATERWORKS	308
737	BUENA VISTA-OGEMAW WATER ASSOC	637
671	BUFFALO ISLAND REG WATER DIST	2710
352	BULL SHOALS WATER SYSTEM	2654
366	BURDETTE WATERWORKS	586
338	CABOT WATERWORKS	23766
515	CADDO VALLEY WATERWORKS	635
532	CALDWELL WATER	1200
919	CALHOUN COUNTY WATER ASSN	1388
551	CALION WATER WORKS	498

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
404	CAMDEN WATERWORKS	14447
261	CAMPBELL STATION WATERWORKS	240
127	CARAWAY WATERWORKS	1216
339	CARLISLE WATERWORKS	2304
675	CARROLL-BOONE WATER DISTRICT	0
165	CARTHAGE WATER AND SEWER	312
660	CASA WATER DEPT	1200
526	CAVE CITY WATERWORKS	2664
043	CAVE SPRINGS WATERWORKS	1835
138	CEDARVILLE WATERWORKS	8147
213	CENTER GROVE WATER ASSOCIATION	4398
465	CENTRAL ARKANSAS WATER	313588
845	CENTRAL LOGAN COUNTY PWF	1213
503	CENTRAL WATER USERS ASSOC	1235
901	CHAMBERLYNE COUNTRY CLUB	158
521	CHEROKEE VILLAGE WATER ASSOC	6900
789	CHERRY HILL PUBLIC FACILITY BD	816
158	CHERRY VALLEY WATERWORKS	658
647	CHESTER WATER WORKS	210
403	CHIDESTER WATER WORKS	534
446	CITY CORPORATION	29620
385	CLARENDON WATERWORKS	1640
741	CLARK CO COUNTRY WATER FACILIT	2450
148	CLARKEDALE-JERICHO WATER ASSOC	955
289	CLARKSVILLE WATERWORKS	8255
722	CLAY CO REG WATER DISTRICT	5880
069	CLEVELAND CO RURAL WATER USERS ASSOC	1698
181	COLLINS WATER ASSOCIATION	264
533	COLT WATER ASSOCIATION	976
101	COMMUNITY WATER SYSTEM	15718
669	COMPTON WATERWORKS	811
147	CONCORD WATER & SEWER PFB	3000
119	CONWAY CO REGIONAL WATER DIST	18792
189	CONWAY WATER SYSTEM	56053
927	CORINTH VALLEY WATER SYSTEM	84
028	COTTER WATERWORKS	1000
620	COTTONSHED WATERWORKS	72
439	COVE WATERWORKS	688
340	COY WATERWORKS	256
149	CRAWFORDSVILLE WATERWORKS	2106

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
873	CRESTWOOD MOBILE HOME PARK	34
459	CROSS COUNTY RURAL WATER SYS	10491
017	CROSSETT WATER COMMISSION	8038
180	CROWLEYS RIDGE WATER ASSOC	3788
052	DECATUR WATERWORKS	2050
224	DELAPLAINE WATERWORKS	146
423	DELIGHT WATERWORKS	1432
367	DELL WATERWORKS	1236
520	DEQUEEN WATER WORK	6534
449	DES ARC WATERWORKS	3882
450	DEVALLS BLUFF WATERWORKS	615
008	DEWITT WATERWORKS	3294
061	DIAMOND CITY WATER	1305
269	DIAZ WATERWORKS	1092
243	DIERKS WATER WORKS	1400
714	DORCHEAT WATER ASSOCIATION	1860
698	Dota Public Water Authority	1400
444	DOVER WATERWORKS	1800
369	DRIVER GRIDER WATER ASSOC	264
171	DUMAS WATERWORKS	5770
143	DYER WATERWORKS	1023
730	DYESS RURAL WATER	330
376	DYESS WATERWORKS	430
886	E CASS WATER SUPPLY CORP	133
150	EARLE WATERWORKS	1836
646	EAST END WATER	5800
772	EAST JOHNSON CO WATER ASSN	4650
879	EAST LAKE WATER USERS ASSN	55
809	EAST LOGAN CO RURAL WATER	1918
715	EAST MONROE COUNTY WATER USERS	966
768	EAST NEWTON COUNTY WATER ASSN	1815
458	EAST PRAIRIE CNTY PUBLIC WATER AUTHORITY	699
350	EDGEWOOD BAY WATER	277
550	EL DORADO WATERWORKS	20698
418	ELAINE WATERWORKS	1673
567	ELKINS WATERWORKS	2823
393	EMMET WATERWORKS	558
341	ENGLAND WATERWORKS	2823
183	ENON WATER ASSOCIATION	467
083	EUDORA WATERWORKS	3158

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
544	FAIRCREST WATER ASSOCIATION	1275
569	FAYETTEVILLE WATERWORKS	91427
514	FCMTC WATERWORKS	89
545	FELSENTHAL WATER AND SEWER	620
046	FIFTY SIX WATERWORKS	595
351	FLIPPIN WATERWORKS	3625
635	FORDYCE RURAL WATER ASSOC	1403
164	FORDYCE WATER CO	4746
323	FOREMAN WATERWORKS	1173
507	FORT SMITH WATER UTILITIES	87150
016	FOUNTAIN HILL WATERWORKS	895
586	FOUR MILE HILL WATER ASSOC	4603
257	FRANKLIN WATERWORKS	243
1077	FRANKLIN-SEBATHIAN PWA	0
812	FREEDOM WATER ASSOCIATION	1775
814	FULTON COUNTY WATER ASSOC	1781
231	FULTON WATERWORKS	437
645	FURLOW WATER ASSOCIATION	2905
047	GARFIELD WATERWORKS	610
357	GARLAND WATERWORKS	342
692	GARRETT BRIDGE WATER ASSOC	815
034	GASSVILLE WATERWORKS	1618
048	GENTRY WATERWORKS	5153
699	GENTRYVILLE PUBLIC WATER AUTH	386
009	GILLETT WATER DEPT	737
658	GILLHAM REGIONAL WATER DIST	0
516	GILLHAM WATERWORKS	300
154	GILMORE WATERWORKS	258
857	GLEN ACRES	63
374	GOSNELL WATER ASSOCIATION	3548
317	GRADY WATERWORKS	424
734	GRAND PRAIRIE BAYOU 2 P.F.B.	10060
738	GRAND PRAIRIE REGIONAL WATER	13500
759	GRANGE-CALAMINE WATER ASSOC	2381
437	GRANNIS WATERWORKS	530
051	GRAVETTE WATERWORKS	3455
076	GRAY ROCK WATER ASSOCIATION	738
696	GREASY VALLEY WPFB LOGAN CO.	495
077	GREEN FOREST WATERWORKS	5483
701	GREEN HILL-BROOKS CHAPEL WATER	713

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
191	GREENBRIER WATERWORKS	6590
267	GRUBBS WATERWORKS	907
626	GUION WATER DEPARTMENT	270
086	GUM SPRINGS WATER ASSOCIATION	947
087	GURDON WATERWORKS	3215
192	GUY WATERWORKS	1702
505	HACKETT WATERWORKS	963
015	HAMBURG WATERWORKS	5309
070	HAMPTON WATERWORKS	1725
273	HARDIN WATER ASSOCIATION	4916
524	HARDY WATERWORKS	915
402	HARMONY GROVE WATER ASSOC	2303
546	HARMONY WATER ASSOCIATION	362
071	HARRELL WATERWORKS	391
431	HARRISBURG WATERWORKS	2288
062	HARRISON WATERWORKS	12943
286	HARTMAN WATERWORKS	1230
488	HASKELL WATER SYSTEM	3990
602	HAVANA WATERWORKS	1160
452	HAZEN WATERWORKS	1600
104	HEBER SPRINGS WATER SYSTEM	11131
419	HELENA WATER SEWER	5800
067	HERMITAGE WATERWORKS	689
885	HIGHFILL WATER DEPARTMENT	1140
672	Highland Public Water Authority	2394
078	HOLIDAY ISLAND WATERWORKS	3480
230	HOPE WATER LIGHT COMM	11500
518	HORATIO WATERWORKS	1529
255	HORSESHOE BEND WATERWORKS	2131
151	Horseshoe Lake Utilities	786
236	HOT SPRING CO WATER ASSOC	3395
209	HOT SPRINGS UTILITIES	92010
414	HOUSTON WATERWORKS	611
301	HOXIE WATER DEPARTMENT	2780
011	HUGHES COMMUNITY WATER ASSOC	2226
531	HUGHES WATERWORKS	1441
010	HUMPHREY WATERWORKS	557
508	HUNTINGTON WATERWORKS	688
348	HUNTSVILLE WATERWORKS	2402
553	HUTTIG WATERWORKS	898

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
107	HWY 63 WATER ASSOCIATION	7282
749	HWY 64 WATER ASSOCIATION	228
145	HWY 71 WATER DISTRICT #1 PWA	5500
547	HWY 82 WATER ASSOCIATION	99
702	HWY 9 WATER ASSOCIATION	1285
300	IMBODEN WATERWORKS	705
263	JACKSONPORT WATERWORKS	238
513	JAMES FORK REGIONAL WATER DISTRICT	11348
276	JEFFERSON-SAMPLES-DEXTER WATER	2642
640	JOHNSON TOWNSHIP WATER ASSOC	813
124	JONESBORO WATER SYSTEM	72835
582	JUDSONIA WATERWORKS	3206
552	JUNCTION CITY WATERWORKS	750
373	KEISER WATERWORKS	759
168	KELSO-ROHWER WATER ASSOCIATION	555
588	KENSETT WATERWORKS	1425
337	KEO WATER WORKS	300
827	KINGS HILL ESTATES	25
869	KINGWOOD MHP	62
099	KNOBEL WATERWORKS	294
287	KNOXVILLE WATERWORKS	1810
706	KROOKED CREEK WATER ASSN	2000
684	LACEY-LADELLE WATER ASSOCIATIO	1315
277	LADD WATER ASSOCIATION	2393
483	LAFE RURAL WATER ASSOCIATION	2478
080	LAKE CHICOT WATER ASSOCIATION	2038
122	LAKE CITY WATERWORKS	2136
677	LAKE FOREST SUBORDINATE DIST	100
780	LAKE LUCERNE ESTATES	55
824	LAKE TABLE ROCK ESTATES	50
420	LAKE VIEW MUNICIPAL WATER	756
027	LAKEVIEW MIDWAY PUBLIC WATER AUTHORITY	3392
288	LAMAR WATERWORKS	1885
793	LAURELWOOD HOMEOWNERS ASSOCIATION	90
510	LAVACA WATERWORKS	3428
688	LAWRENCE CO REG WATER DIST	6894
548	LAWSON-URBANA WATER ASSOC	1147
362	LEACHVILLE WATERWORKS	1993
063	LEAD HILL WATERWORKS	495
1091	LEATHERWOOD VIEW ESTATES	40

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
313	LEE COUNTY WATER ASSOCIATION	5020
218	LEOLA WATERWORKS	720
432	LEPANTO WATERWORKS	1893
297	LEWISVILLE WATERWORKS	1448
272	LIBERTY UTILITIES	44080
572	LINCOLN WATERWORKS	6209
716	LISBON WATER ASSOCIATION	422
214	LITTLE CREEK WATER ASSOCIATION	2159
808	LITTLE PORTION HERMITAGE	25
787	LITTLE RIVER CO RDA	4279
467	LITTLE RIVER COUNTRY CLUB	393
371	LITTLE RIVER WATER ASSOCIATION	924
912	LOCKE-FERN DOLLARD RD WW PFB	1208
517	LOCKESBURG WATERWORKS	725
102	LOCUST BAYOU WATER ASSOCIATION	520
443	LONDON WATERWORKS	1220
274	LONG LAKE WATER ASSOCIATION	500
343	LONOKE WATERWORKS	4245
049	LOST BRIDGE VILL WAT-SEW DIST	995
406	LOUANN WATERWORKS	221
292	LUDWIG WATER ASSOCIATION	1322
718	LURTON-PELSOR WATER ASSOC	289
361	LUXORA WATERWORKS	1208
299	LYNN WATERWORKS	718
803	MADISON CO REGIONAL WATER	0
349	MADISON CO WATER FACILITIES BD	8059
246	MAGNESS WATER ASSOCIATION	470
241	MAGNET-BUTTERFIELD WATER AUTHORITY	1838
109	MAGNOLIA WATERWORKS	10866
206	MAMMOTH SPRING WATERWORKS	1487
378	MANILA WATERWORKS	3348
509	MANSFIELD WATERWORKS	2313
310	MARIANNA WATERWORKS	4115
382	MARIE WATER SYSTEM	140
770	MARION COUNTY REG WATER DIST	4
152	MARION WATERWORKS	12345
430	MARKED TREE WATERWORKS	2566
225	MARMADUKE WATERWORKS	1042
637	MARVELL RURAL WATER ASSOC	1800
421	MARVELL WATERWORKS	1187

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
001	MARYSVILLE WATER ASSOCIATION	831
464	MAUMELLE WATER CORPORATION	2253
463	MAUMELLE WATER MANAGEMENT	17200
193	MAYFLOWER WATERWORKS	7416
599	MC CRORY WATERWORKS	1850
098	MC DOUGAL WATERWORKS	251
110	MC NEIL WATERWORKS	522
256	MELBOURNE WATERWORKS	4195
118	MENIFEE WATER DEPARTMENT	464
153	MIDWAY WATER ASSOCIATION	2100
786	MILL POND VILLAGE MHP	160
169	MITCHELLVILLE WATERWORKS	475
042	MOCKINGBIRD HILL WATER ASSOC	693
128	MONETTE WATERWORKS	1352
184	MONTICELLO WATER DEPARTMENT	10568
681	MORNING STAR WATER ASSOCIATION	1260
709	MORRISON BLUFF WATER SYSTEM	325
002	MOUNT HOLLY WATERWORKS	399
392	MOUNT IDA WATERWORKS	3008
668	MOUNT OLIVE WATER ASSOCIATION	5165
025	MOUNTAIN HOME WATERWORKS	16079
454	MOUNTAIN TOP WATER ASSOCIATION	6355
542	MOUNTAIN VIEW WATERWORKS	7178
141	MOUNTAINBURG WATER AND SEWER	935
258	MT PLEASANT WATERWORKS	1286
136	MULBERRY WATERWORKS	1603
633	MUNDELL HEIGHTS WATERWORKS	190
425	MURFREESBORO WATERWORKS	1641
1069	N E WHITE COUNTY PUBLIC FACILITIES BOARD	0
867	N GARLAND CO REG WATER DIST	6455
805	NASHVILLE RURAL WATER ASSOC	6958
244	NASHVILLE WATERWORKS	5352
673	NE MISSISSIPPI CO WATER ASSOC	1122
697	NE YELL COUNTY WATER ASSOC	5955
1070	NEAPWA	5
683	NEW HOPE WATER ASSOCIATION	1163
248	NEWARK WATERWORKS	1560
264	NEWPORT WATERWORKS	6583
035	NORFORK WATERWORKS	1200
391	NORMAN WATERWORKS	825

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
554	NORPHLET WATERWORKS	1153
331	NORTH CARBON CITY WATER ASSOC	113
022	NORTH CROSSETT UTILITIES	3525
023	NORTH EAST CROSSETT WATER ASSN	160
033	NORTH EAST PUBLIC WATER AUTH	3811
767	NORTH JACKSON CO WATER ASSN	804
012	NORTH LAGRUE WATER ASSOC	299
725	NORTH PULASKI PFB	8665
007	NORTHEAST DEWITT WATER ASSOC	677
801	OAK GROVE WATER	480
558	OAK MANOR WATER ASSOCIATION	338
676	OAKHILLS SURB IMPROVMENT DIST	111
745	OAKWOOD MHP WATERWORKS	40
616	ODEN- PENCIL BLUFF WATER ASSN.	383
322	OGDEN WATERWORKS	495
247	OIL TROUGH WATERWORKS	284
473	O'KEAN WATERWORKS	219
089	OKOLONA WATERWORKS	590
604	OLA WATERWORKS	1182
753	OLD BELLA VISTA POA	103
064	OMAHA WATERWORKS	1270
832	OSAGE POINT MHP	73
375	OSCEOLA WATERWORKS	7757
802	OUTSIDE KINGSLAND WATER ASSOC	525
227	OZAN WATERWORKS	378
530	OZARK ACRES WATER ASSOCIATION	819
201	OZARK WATERWORKS	4288
536	PALESTINE WATER ASSOCIATION	1950
222	PARAGOULD, LIGHT, WATER, & CABLE	24121
019	PARKDALE WATERWORKS	319
560	PARKERS CHAPEL PUBLIC WATER	2370
662	PARKIN RURAL WATER ASSOCIATION	462
160	PARKIN WATERWORKS	1105
883	PARON-OWENSVILLE WATER AUTH	2071
736	PARTHENON WATER ASSOCIATION	400
598	PATTERSON WATERWORKS	491
053	PEA RIDGE WATERWORKS	5575
091	PEACH ORCHARD WATERWORKS	163
412	PERRY WATER SYSTEM	658
234	PERRYTOWN WATERWORKS	130

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
413	PERRYVILLE WATERWORKS	2112
251	PFEIFFER WATER AUTHORITY	3241
172	PICKENS WATERWORKS	84
720	PLEASANT GROVE	2202
202	PLEASANT VIEW WATER FAC BOARD	1698
121	PLUMERVILLE WATERWORKS	826
474	POCAHONTAS WATERWORKS	6608
092	POLLARD WATERWORKS	287
305	PORTIA WATERWORKS	558
018	PORTLAND WATERWORKS	617
445	POTTSVILLE WATER ASSOCIATION	4130
217	POYEN WATERWORKS	755
573	PRAIRIE GROVE WATERWORKS	4900
216	PRATTSVILLE WATERWORKS	1282
394	PRESCOTT WATERWORKS	5198
561	QUINN WATER ASSOCIATION	751
105	QUITMAN WATERWORKS	1270
040	RAMBO RIVIERA SD WATERWORKS	83
306	RAVENDEN WATERWORKS	470
084	READLAND-GRANDLAKE WATER ASSOC	237
279	REDFIELD WATERWORKS	2652
732	REDHILL WATER ASSOCIATION	453
173	REED WATERWORKS	252
475	REYNO WATERWORKS	456
835	RICHWOODS WATER ASSOCIATION	1358
776	RIDGEFIELD ESTATES WATER SYS	150
106	RISON WATERWORKS	1365
833	RIVER VALLEY WATER ASSN	1126
674	RIVERSOUTH RURAL WATER DIST	4053
239	RIVIERA UTILITIES	1800
252	Rock Moore Water Authority	3168
389	ROE WATERWORKS	114
055	ROGERS WATER UTILITIES	64379
395	ROSSTON WATER DEPARTMENT	620
591	RUSSELL WATERWORKS	405
875	RUSSELLVILLE- RWPSID2INC	145
678	S P G WATER ASSOCIATION	1420
492	SALEM WATER ASSOCIATION	14200
204	SALEM WATERWORKS	1505
036	SALESVILLE WATERWORKS	592

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Appendix J

Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
491	SALINE CO WW SS PFB	1949
379	SANDRIDGE-BARDSTOWN WTR ASSOC	153
493	SARDIS WATER ASSOCIATION	12550
330	SCRANTON WATERWORKS	1470
870	SE BRADLEY CO WATER ASSN	2614
594	SE WHITE COUNTY WATER ASSOC	5055
590	SEARCY WATERWORKS	22773
511	SEBASTIAN LAKE PUBLIC WATER AUTHORITY	250
304	SEDGWICK WATERWORKS	288
182	SELMA WATER ASSOCIATION	1035
868	SEVIER CO WATER ASSOCIATION	4293
540	SHADY ACRES MOBILE HOME PARK	60
800	SHANNON HILLS WATER DEPT	3143
215	SHERIDAN WATERWORKS	3505
565	SHIRLEY WATERWORKS	400
407	SHUMAKER PUBLIC SERVICE CO	1413
528	SIDNEY WATER SYSTEM	313
056	SILOAM SPRINGS WATERWORKS	15069
555	SMACKOVER WATERWORKS	3019
978	SOUTH PIKE CO. WATER	485
219	SOUTH SHERIDAN WATER ASSOC	3132
254	SOUTHSIDE PUB WATER AUTHORITY	8975
889	SOUTHWEST ARKANSAS WATER SYST	1698
757	SOUTHWEST ATKINS WATER USERS	1260
495	SOUTHWEST WATER ASSOCIATION	7140
293	SPADRA-GOOSE CAMP WATER ASSOC	510
166	SPARKMAN WATERWORKS	1357
575	SPRINGDALE WATER UTILITIES	84147
005	ST CHARLES WATERWORKS	381
836	ST FRANCIS RIVER REG WATER DD	2482
537	ST FRANCIS RURAL WATER ASSOC	1355
094	ST FRANCIS WATER SYSTEM	235
296	STAMPS WATERWORKS	2268
755	STARLIGHT ESTATES	42
405	STEPHENS WATERWORKS	1379
307	STRAWBERRY WATERWORKS	903
013	STUTTGART WATERWORKS	9745
334	SUBIACO ACADEMY WATERWORKS	250
135	SUBIACO CITY WATERWORKS	483
095	SUCCESS WATERWORKS	200

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
355	SUMMIT WATERWORKS	564
472	SUNSET WATER ASSOCIATION	661
628	SW BOONE COUNTY WATER ASSOC	3953
852	SW WARREN WATER ASSOCIATION	759
185	SW WHITE COUNTY WATER ASSN	9816
265	SWIFTON WATERWORKS	778
882	SYLAMORE VALLEY WATER ASSN	270
045	SYLVAN SHORES SD WATERWORKS	74
895	TANKSLEY APARTMENTS	52
114	TAYLOR WATERWORKS	655
360	TEXARKANA WATER UTILITIES	28541
072	THORNTON WATERWORKS	917
186	TILLAR WATERWORKS	390
798	TOAD SUCK PUBLIC FACILITY BD	1100
566	TONTITOWN WATERWORKS	2555
846	TRI COUNTY RWDD -MOORES CHAPEL	940
782	TRI-COUNTY WATER DISTBR DIST	17299
435	TRUMANN WATERWORKS	6889
266	TUCKERMAN WATERWORKS	1848
825	TULIP - PRINCETON WATER ASSN	1126
220	TULL WATER	1987
579	TUMBLING SHOALS WATER ASSOC	4890
155	TURRELL WATER WORKS	549
426	TYRONZA WATERWORKS	852
451	ULM WATERWORKS	206
690	US AIR FORCE BASE LITTLE ROCK	8618
065	VALLEY SPRINGS WATERWORKS	3070
727	VAN BUREN COUNTY W U A	3062
142	VAN BUREN WATERWORKS	20384
162	VANNDALE-BIRDEYE WATER ASSOC	2312
380	VICTORIA WATER ASSOCIATION	35
115	VILLAGE WATER ASSOCIATION	417
195	VILONIA WATERWORKS	20430
460	WALDENBURG WATER ASSOCIATION	215
498	WALDRON WATERWORKS	4355
858	WALKER CREEK STATELINE RWA	1335
298	WALNUT HILL WATER ASSOCIATION	275
309	WALNUT RIDGE WATERWORKS	4890
345	WARD WATERWORKS	9500
066	WARREN WATERWORKS	6910

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
574	WASHINGTON WATER AUTHORITY WWA	13895
232	WASHINGTON WATER SYSTEM	355
606	WATALULA WATER ASSOCIATION	2282
284	WATSON CHAPEL WATER ASSOC	6140
428	WEINER WATERWORKS	716
103	WESSON-NEWELL WATER ASSOC	590
878	WEST ASHLEY COUNTY WATER ASSN	683
577	WEST FORK WATERWORKS	3175
416	WEST HELENA WATER WORKS	7500
156	WEST MEMPHIS WATERWORKS	28800
682	WEST SALINE WATER USERS ASSN	1959
735	WEST STONE COUNTY WATER ASSN	4634
779	WEST WOODRUFF WATER DISTRICT	376
704	WESTERN GREENE COUNTY R W D	6394
400	WESTERN GROVE MUNICIPAL WATER	888
535	WHEATLEY WATERWORKS	447
804	WHELEN SPRINGS WATER DEPT	500
440	WICKES WATERWORKS	1288
538	WIDENER WATERWORKS	594
686	WILBURN WATER ASSOCIATION	721
562	WILDWOOD WATER ASSOCIATION	1280
529	WILLIFORD WATERWORKS	105
187	WILMAR WATERWORKS	857
021	WILMOT WATERWORKS	862
370	WILSON WATER SYSTEM	1101
188	WINCHESTER WATERWORKS	435
332	WINSLOW WATERWORKS	1482
642	WINTHROP WATER ASSOCIATION	410
471	WOODSON-HENSLEY WATER COMPANY	1000
196	WOOSTER WATERWORKS	3700
695	WRIGHT-PASTORIA WATER ASSOC	1373
410	WYE MOUNTAIN WATER ASSOCIATION	1250
163	WYNNE WATERWORKS	8837
356	YELLVILLE WATERWORKS	2322
319	YORKTOWN WATER ASSOCIATION	8169
PWS type: PWS type: N		
1089	101 GROCERY	25
T1092	101 NORTH RESORT	50
T1054	62 Food Mart	30
N0235	ALEXA SPRINGS WATER COMPANY	25

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
1177	ANCHOR'S LANDING AT WOODS POINT RV PARK	72
T0031	ARK POST NATIONAL MEMORIAL	100
1107	ARK S/P BEECH POINT CAMPGROUND	
T0068	BAYOU RESORT	25
T0751	BEAVER RV PARK	100
T1070	Benny's Country Store	44
N0080	BLACK BEAR SPRINGS	25
T0079	BLUE LADY RESORT	45
T0081	BLUEBIRD LODGE	50
T1022	BNR U2-48 RUSH CAMPGROUND	25
T0098	BNRU2-01 BUFFALO POINT CAMPGROUND	25
T0083	BOGG SPRINGS BAPTIST CAMP	800
T0087	BOY SCOUT CAMP ORR	300
T1083	BRADY MOUNTAIN RESORT & MARINA	1000
924	BREAD AND THINGS	25
988	Brentwood Rest Area WVM	30
T0091	BROOKHILL RANCH	250
T0965	BUFFALO NATRV U4-08 OZARK CG	25
T0961	BUFFALO NATRV U4-24 KYLES CG	25
T0963	BUFFALO NRUV4-02LOST VALLEYCG	25
T0096	BUFFALO NRUV4-06 UPPER PRUITT	25
T0906	BUFFALO RV TYLER BEND CGU3-13	25
T0097	BUFFALO RV TYLER BEND MTU3-12	25
1013	C. G. Roxane	25
T0114	CAMP CANFIELD	100
T0120	CAMP KIA KIMA	500
T0557	CAMP TRADING POST	25
986	CEDAR GLADES PARK	25
1171	CK QUICK STOP	25
T1103	CLOUD 9 RV PARK	50
T0163	COUNTRY MOUNTAIN INN	100
N0136	CULLIGAN OF NORTHWEST ARKANSAS	25
1041	CUZN OZARK FOODS	30
1136	ELVE'S CANDY COMPANY	25
T1107	EUREKA SPRINGS SPORTS FIELD	100
T0231	GASTON'S WHITE RIVER RESORT	550
T0233	GENOA GROCERY 46	20
926	GIFT-TIQUES	25
T1045	GIRL SCOUT CAMP KARLTON KEMP	25
1079	GLACIER 42175 HARRISON	30

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
914	GLACIER BG ASHDOWN	30
1114	GLACIER BGC096 ARKADELPHIA	30
1117	GLACIER BGC619 HOPE	30
1157	GLACIER CIRCLE K 0037 MARSHALL	30
1109	GLACIER ELMWOOD EXPRESS SPRINGDALE	30
1154	GLACIER FAMD1037 MARIANNA	30
1168	GLACIER FAMD7888 SPRINGDALE	30
1099	GLACIER FTRAX4451 SPRINGDALE	30
1172	GLACIER HILLBILLY U-PUMP	30
1124	GLACIER HM1 SPRINGDALE	30
1144	GLACIER SHILOH EXPRESS	30
1085	GLACIER SMERC 1900 SPRINGDALE	30
1096	GLACIER SMERC300 ROGERS	30
N0239	GLACIER WATER ALB TEXARK 4318	30
N0244	GLACIER WATER BG CROSSETT 0494	30
1126	GLACIER WATER CIRCLE K0030 MOUNTAIN VIEW	30
1165	GLACIER WATER FAMD4372 RODGERS	30
1053	GLACIER WATER THRIFTWAY FOOD STORE	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
T0714	HWY 27 REC AREA	50
T0381	J & P FLASH MARKET #105	500
1043	JIM'S SALOON	25
T0295	KELLER'S KOVE RESORT	150
T0297	KETTLE CAMPGROUND	55
T0308	KOA CAMPGROUND STORE	40
T0312	LAKE LEATHERWOOD CAMPGROUND	25
T0313	LAKE NORFORK INN	25
993	Lake Shore Cabins	25
T0164	LANGLEY SCHOOL RV PARK	40
T0326	LESTER FLATT MEMORIAL PARK	70
T0330	LITTLE FIR LANDING	250
T1090	LOST BRIDGE MARINA	30
1090	LOST VALLEY CANOE AND LODGING	40
T0341	MANY ISLAND CAMP	200

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
T0373	MOOSE LODGE 1953	220
T1068	NORFORK LAKE ESTATES-MOHR ADD	30
1067	NWS INC WHLOE FOODS LR	30
1005	Oak Hill Lodge SGT	25
T0391	OARK GEN STORE	150
T1016	OZARKS RV RESORT OWNERS ASSOCIATION	500
T0417	PEA RIDGE NATL MILITARY PARK	500
T0426	PIER 27	25
1009	Pilgrimage Christian Center	50
T0439	PONCA BIBLE CAMP	70
T0931	PORT ORLEANS RESTAURANT	50
N0150	PRIMO HARPS DARDANELLE	30
1176	PRIMO REFILL LLC AKINS NF19 ROGERS	30
N0139	PRIMO REFILL LLC BENTON WAL-MART 85	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
1065	PRIMO REFILL LLC HARPS134 GREEN FOREST	30
N0140	PRIMO REFILL LLC MENA WAL-MART 0067	30
N0229	PRIMO REFILL LLC MK3479 ROGERS	30
N0225	PRIMO REFILL LLC NMKT2744 FT SMITH	30
1068	PRIMO REFILL LLC NMKT5738 SPRINGDALE	30
1050	PRIMO REFILL LLC NMKT5783 MAUMELLE	30
N0173	PRIMO REFILL LLC SILOAM SPRINGS IGA	30
N0168	PRIMO REFILL LLC SPRINGDALE WAL-MA54	60
1174	PRIMO REFILL LLC WMNM2431 SEARCY	30
1182	PRIMO REFILL LLC WMNM4686 BENTONVILLE	30
1113	PRIMO REFILL LLC WMNM5737 FAYETTEVILLE	30
965	PRIMO REFILL LLC WMS0058 RUSSELLVILLE	80
1028	PRIMO REFILL LLC WMSC 4460 NLR	30
N0218	PRIMO REFILL LLC WMSC0004 SILOAM SP	30
1049	PRIMO REFILL LLC WMSC0007 SHERWOOD	30
N0230	PRIMO REFILL LLC WMSC0011 MT HOME	30
1181	PRIMO REFILL LLC WMSC0018 NEWPORT	30
909	PRIMO REFILL LLC WMSC0033 NASHVILLE	30
N0233	PRIMO REFILL LLC WMSC0066 CLARKSVILL	30
1112	PRIMO REFILL LLC WMSC0126 LR	30
947	PRIMO REFILL LLC WMSC0127 MALVERN	120
1011	PRIMO REFILL LLC WMSC0133 Ashdown	30
921	PRIMO REFILL LLC WMSC0279 DEQUEEN	30

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
963	PRIMO REFILL LLC WMSC0296 DARDANELLE	50
930	PRIMO REFILL LLC WMSC0380 WALDRON	30
1017	PRIMO REFILL LLC WMSC0388 Fort Smith	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
1180	PRIMO REFILL LLC WMSC4168 BEEBE	30
929	PRIMO REFILL LLC WMSC5244 L R	30
946	PRIMO REFILL LLC WMSC5260 ROGERS	30
1167	PRIMO REFILL LLC WMSC5706 LR	30
N0156	PRIMO REFILL LLCBENTONVILLE WAL-100	30
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
N0165	PRIMO REFILL LLCFT SMITH WAL-MA141	30
N0202	PRIMO REFILL LLCCHARP'S 119 SPRINGDALE	30
N0176	PRIMO REFILL LLCHEBER SPRING WAL281	30
N0216	PRIMO REFILL LLCCHOT SPRNGS WAL-MA52	30
N0162	PRIMO REFILL LLCCHUNTSVILLE HARPS	30
N0197	PRIMO REFILL LLCNEIGHBORHOOD MARKET	30
N0201	PRIMO REFILL LLCNEIGHBORHOOD MK2745	30
N0223	PRIMO REFILL LLCNMKT2742 SPRINGDALE	80
N0157	PRIMO REFILL LLCROGERS WAL-MART 01	30
N0211	PRIMO REFILL LLCVB WMSC 16	30
N0152	PRIMO REFILL LLCW HELENA WAL-MA714	30
N0191	PRIMO REFILL LLCWALM124 LITTLE ROCK	30
N0219	PRIMO REFILL LLCWMSC0119 BATESVILLE	30
N0220	PRIMO REFILL LLCWMSC0788 CLINTON	30
1151	PRIMO REFILL WMSC 0008 MORRILTON	30
1150	PRIMO REFILL WMSC1105 N LITTLE ROCK	30
1149	PRIMO REFILL WMSC157 SEARCY	30
1156	PRIMO REFILL WMSC5666 LR	30
N0148	Primo Russellville Harps	30
N0178	PRIMO SUN FEST HOLIDAY ISLAND	30
N0224	Primo WMSC0261 Hot Springs	30

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
N0222	Primo WMSC3230 Bryant	30
T1037	RIVERSIDE RESORT	250
T0467	RIVERSIDE RESORT AT KINGS RIVER	25
T0469	RIVERVIEW MOTEL	25
1132	Rock House Bar and Grill	205
1170	RON COLEMAN MINING	25
925	SHADY OAK RV PARK	124
T1067	SHEPHERD OF THE OZARKS	30
958	SOUTHFORK RESORT	50
1047	T & T DOLLAR STORE FS	30
T0322	THE LANGLEY STORE	25
T0588	USCOE BSWP109 TUCKER HOLLOW	40
T0589	USCOE BSWP110 TUCKER HOLLOW	25
T0590	USCOE BSWP116 OAKLAND	25
T0591	USCOE BSWP117 OZARK ISLE	120
T0592	USCOE BSWP129 BUCK CREEK	25
T0594	USCOE BSWP133 HIGHWAY 125	25
T0602	USCOE BWP 18 LOST BRIDGE SOUTH	25
T0601	USCOE BWP17 LOST BRIDGE	25
T0892	USCOE BWP29 STARKEY PARK	25
T0609	USCOE BWP33 LOST BRIDGE	25
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
T0692	USCOE NFWP18 HENDERSON	80
T0695	USCOE NFWP25 BIDWELL POINT	144
T0709	USCOE OC - BRADY MTN	100
T0718	USCOE OC - LITTLE FIR	100
T1099	USCOE PB JARDIS POINT PARK	25
T0763	USFS ALBERT PIKE REC AREA	200
T0766	USFS BAYOU BLUFF	25
T0770	USFS BLANCHARD	25
T0786	USFS GUNNER POOL	25
T0788	USFS HORSEHEAD BATHHOUSE	25
T0795	USFS LAKE WEDINGTON	50
T0797	USFS LITTLE PINES REC AREA	25

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
T0806	USFS REDDING	25
T0808	USFS RICHLAND CREEK	25
T0810	USFS SHADY LAKE REC AREA 16661	25
T0811	USFS SHADY LAKE REC AREA 16666	25
T0814	USFS SHORES LAKE	25
T0821	USFS WHITE ROCK	35
970	VENTRIS TRAILS END RESORT	50
T0832	WAGON WHEEL RESTAURANT	150
T0835	WANDERLUST RV PARK	25
T1106	WATER WAGON	25
949	WEST SHORE RESTAURANT	150
T1105	WHEELIN' WORLD	50
N0084	WILDERNESS VALLEY SPRING	25
PWS type:PWS type: P		
N0180	4-H CENTER	40
N0103	AHTD HARRISON 9 HEADQUARTERS	90
N0129	AHTD MARION COUNTY	25
N0022	ALBEMARLE CORPORATION SOUTH	550
N0021	ALBEMARLE CORPORATION WEST	150
T0045	ARK ST PARK-QUEEN WILHELMENA	200
N0181	BASF CORPORATION	160
731	BIGGERS BLUFF DEVELOPMENT	214
N0014	BRUNO PYATT SCHOOL	300
N0237	CHRISTIAN MINISTRY ACADEMY	300
N0052	CLEARWATER PAPER CORPORATION	339
N0009	ENTERGY - INDEPENDENCE	150
N0032	Evergreen Packaging INC, Pine Bluff	1060
N0025	GENOA CENTRAL SCHOOL	1128
N0028	GEORGIA PACIFIC PAPER MILL	1400
N0214	GEORGIA PACIFIC WOOD PRODUCTS LLC	100
N0029	Great Lakes Chemical South	240
T1065	GREENWICH CENTER	30
N0046	NAT CTR FOR TOXOLOGICAL RES	400
N0188	NW ARKANSAS REGIONAL AIRPORT	55
N0048	OARK SCHOOLS	200
N0189	R V A F TEXARKANA	120
N0057	REMINGTON ARMS COMPANY	1080
1175	ST. VINCENT INFIRMARY	2700
N0109	SW REGION WILDERNESS CAMP	41
N0088	THE GREAT PASSION PLAY	50

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Appendix J - No Violations For This Calendar Year

PWS ID	System Name	Retail population served
N0069	VISKASE CORPORATION	236
N0228	WILSON GUN SHOP INC	25

Appendix K - Enforcement Actions

PWS type: C

PWS	System Name	Enforcement Action	Date Issued	Rule Violated
088	AMITY WATERWORKS	Warning of Administrative Order	2/8/2013	DBP
088	AMITY WATERWORKS	Administrative Order	5/10/2013	DBP
068	BANKS WATERWORKS	Warning of Administrative Order	4/15/2013	TCR/LIC/LCR
068	BANKS WATERWORKS	Administrative Order	7/17/2013	TCR/DBP
068	BANKS WATERWORKS	Proposed Penalty	10/11/2013	DBPR/TCR
497	BAUXITE WATER	Warning of Administrative Order	12/10/2013	DBPR
543	BEULAH GROVE WATER ASSOCIATION	Proposed Penalty	5/10/2013	Licensing
638	BLUE MOUNTAIN WATERWORKS	Warning of Administrative Order	2/8/2013	DBP
638	BLUE MOUNTAIN WATERWORKS	Administrative Order	5/10/2013	DBP
638	BLUE MOUNTAIN WATERWORKS	Proposed Penalty	11/20/2013	DBP
887	BODCAW RURAL WATER SYSTEM	Proposed Penalty	2/15/2013	DBP
179	BOWSER WATER ASSN	Warning of Administrative Order	6/5/2013	TCR/LIC
014	BOYDELL WATER ASSOCIATION	Administrative Order	2/11/2013	TCR
014	BOYDELL WATER ASSOCIATION	Proposed Penalty	10/11/2013	TCR
653	BRANCH WATER WORKS	Administrative Order	2/11/2013	DBP
653	BRANCH WATER WORKS	Proposed Penalty	5/10/2013	DBP
384	BRINKLEY WATERWORKS	Warning of Administrative Order	4/15/2013	TCR
200	CHARLESTON WATERWORKS	Administrative Order	2/11/2013	DBP
200	CHARLESTON WATERWORKS	Proposed Penalty	5/10/2013	DBP
101	COMMUNITY WATER SYSTEM	Warning of Administrative Order	8/8/2013	LCR

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Appendix K

Appendix K - Enforcement Actions

603	DANVILLE WATERWORKS	Penalty Assessed - Board of Health	5/29/2013	DBP/SWTR
685	DEER RUN WATER COMPANY	Warning of Administrative Order	9/6/2013	TCR
461	DENNARD WATER ASSOCIATION	Warning of Administrative Order	5/29/2013	LCR
082	DERMOTT WATERWORKS	Warning of Administrative Order	4/15/2013	TCR/LIC/LCR
082	DERMOTT WATERWORKS	Administrative Order	7/17/2013	TCR/DBP
082	DERMOTT WATERWORKS	Proposed Penalty	10/11/2013	DBP(lic)/TCR
539	EASTSIDE HOMEOWNERS ASSOC	Warning of Administrative Order	12/10/2013	TCR
T1101	GRASSY KNOB SUBORDINATE SD	Warning of Administrative Order	9/6/2013	TCR
504	GREENWOOD WATERWORKS	Proposed Penalty	2/15/2013	DBP
159	HICKORY RIDGE WATERWORKS	Proposed Penalty	8/14/2013	TCR
388	HOLLY GROVE WATERWORKS	Administrative Order	3/8/2013	TCR
797	HORSESHOE HOMES WATER ASSOC	Warning of Administrative Order	9/6/2013	TCR
031	LAKE BULL SHOALS ESTATES WATER	Warning of Administrative Order	10/2/2013	TCR
081	LAKE VILLAGE WATERWORKS	Warning of Administrative Order	6/5/2013	TCR
327	MAGAZINE WATERWORK	Warning of Administrative Order	2/8/2013	DBP
327	MAGAZINE WATERWORKS	Administrative Order	5/10/2013	DBP
237	MALVERN WATERWORKS	Warning of Administrative Order	12/10/2013	TCR
619	MAYNARD WATERWORKS	Warning of Administrative Order	10/2/2013	TCR/GWR
438	MENA WATER DEPT	Warning of Administrative Order	8/12/2013	DBP/SWTR/TCR
438	MENA WATER DEPT	Administrative Order	11/7/2013	DBP
773	MILLTOWN-WASHBURN WATER USERS	Proposed Penalty	2/15/2013	DBP

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Appendix K

Appendix K - Enforcement Actions

242	MINERAL SPRINGS WATERWORKS	Warning of Administrative Order	7/15/2013	TCR
951	MONTGOMERY CO REGIONAL PWA	Warning of Administrative Order	11/6/2013	DBPR
020	MONTROSE WATERWORKS	Warning of Administrative Order	6/5/2013	TCR/CCR
856	NAIL-SWAIN WATER ASSOCIATION	Administrative Order	10/8/2013	FI/TCR
1075	NORTH HOWARD RURAL WATER ASSOCIATION	Administrative Order	8/9/2013	LCR
559	OLD UNION WATER ASSOCIATION	Warning of Administrative Order	5/10/2013	DBP
559	OLD UNION WATER ASSOCIATION	Administrative Order	8/12/2013	DBP
1078	OZAN CREEK RURAL WATER SYSTEM	Warning of Administrative Order	5/10/2013	DBP
998	Ozark Mtn Regional PWA	Warning of Administrative Order	7/15/2013	TCR
090	PIGGOTT WATERWORKS	Administrative Order	9/10/2013	TCR
605	PLAINVIEW WATER DEPARTMENT	Warning of Administrative Order	8/12/2013	DBP
605	PLAINVIEW WATER DEPARTMENT	Administrative Order	11/7/2013	DBP
329	RATCLIFF WATERWORKS	Warning of Administrative Order	2/8/2013	DBP
329	RATCLIFF WATERWORKS	Administrative Order	5/10/2013	DBP
851	SOUTH LOGAN COUNTY WATER	Administrative Order	2/11/2013	DBP
851	SOUTH LOGAN COUNTY WATER	Proposed Penalty	5/10/2013	DBP
618	TOLLETTE WATER	Warning of Administrative Order	9/6/2013	TCR
137	VANDERVOORT WATERWORKS	Warning of Administrative Order	10/2/2013	TCR
116	WALKER WATER ASSOCIATION	Warning of Administrative Order	2/8/2013	LIC
116	WALKER WATER ASSOCIATION	Administrative Order	5/10/2013	LIC/DBP
116	WALKER WATER ASSOCIATION	Proposed Penalty	10/16/2013	Lic (dbpr)

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174	WATSON WATERWORKS	Proposed Penalty	3/8/2013	LIC/GWR
806	WIEDERKEHR VILLAGE WATER DEPT	Warning of Administrative Order	7/15/2013	TCR/CCR/LCR

PWS type: N

PWS	System Name	Enforcement Action	Date Issued	Rule Violated
n0074	ASHLEY MINERAL SPRING	Warning of Administrative Order	7/15/2013	TCR/SWTR
T0061	BARN CAFÉ	Warning of Administrative Order	11/6/2013	TCR
1155	BLUE BELL CAFE	Administrative Order	2/11/2013	TCR
1155	BLUE BELL CAFE	Proposed Penalty	10/11/2013	TCR
T1047	BUFFALO OUTDOOR CENTER	Warning of Administrative Order	12/10/2013	TCR
748	CRABAPPLE POINT WATER SYSTEM	Administrative Order	2/11/2013	TCR/MCL
748	CRABAPPLE POINT WATER SYSTEM	Proposed Penalty	10/11/2013	TCR
T0116	FERNCLIFF CAMP CONFER CENTER	Warning of Administrative Order	12/10/2013	TCR
T0870	MILLWOOD LANDING GOLF & RV RESORT	Warning of Administrative Order	8/12/2013	TCR/GWR
N0073	MT VALLEY SPRING CO	Warning of Administrative Order	4/15/2013	SWTR
N0073	MT VALLEY SPRING CO	Administrative Order	7/17/2013	SWTR
T0406	OZARK REGULAR BAPTIST CAMP	Warning of Administrative Order	9/6/2013	TCR/GWR
T0414	PARKWAY TRAVEL PARK	Administrative Order	10/8/2013	TCR/GWR
T0418	PEAL'S RESORT	Administrative Order	2/11/2013	TCR/GWR
1145	PRIMO REFILL LLC WMSC0062 BLYTHEVILLE	Administrative Order	11/7/2013	TCR
939	PRIMO REFILL LLC WMSC0167 CROSSETT	Warning of Administrative Order	8/12/2013	TCR
939	PRIMO REFILL LLC WMSC0167 CROSSETT	Administrative Order	11/7/2013	TCR
1147	PRIMO REFILL LLC WMSC348 MONTICELLO	Warning of Administrative Order	6/5/2013	TCR

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1147	PRIMO REFILL LLC WMSC348 MONTICELLO	Administrative Order	10/8/2013	TCR
N0154	PRIMO REFILL LLCELDORADO WAL-M530	Proposed Penalty	7/15/2013	TCR
N0154	PRIMO REFILL LLCELDORADO WAL-M530	Administrative Order	11/7/2013	TCR
N0175	PRIMO REFILL LLCJONESBORO WAL- M128	Warning of Administrative Order	2/8/2013	TCR
N0175	PRIMO REFILL LLCJONESBORO WAL- M128	Administrative Order	11/7/2013	TCR
N0160	PRIMO REFILL LLCJONESBORO WAL- M145	Warning of Administrative Order	5/10/2013	TCR
N0160	PRIMO REFILL LLCJONESBORO WAL- M145	Administrative Order	11/7/2013	TCR
N0161	PRIMO REFILL LLCPARAGOULD WAL- MAR36	Warning of Administrative Order	2/8/2013	TCR
N0161	PRIMO REFILL LLCPARAGOULD WAL- MAR36	Administrative Order	10/8/2013	TCR
N0164	PRIMO REFILL LLCPOCAHONTAS WAL- M71	Warning of Administrative Order	2/8/2013	TCR
N0164	PRIMO REFILL LLCPOCAHONTAS WAL- M71	Administrative Order	5/10/2013	TCT
N0164	PRIMO REFILL LLCPOCAHONTAS WAL- M71	Proposed Penalty	11/20/2013	TCR
T1085	RUSSELL'S RV PARK	Warning of Administrative Order	7/15/2013	TCR
T1071	SHADY GROVE STORE	Warning of Administrative Order	3/8/2013	TCR/GWR
T0399	STATION ONE	Warning of Administrative Order	5/10/2013	TCR
T0399	STATION ONE	Administrative Order	9/9/2013	TCR
T0829	THE INN AT LOST BRIDGE	Warning of Administrative Order	12/10/2013	SWTR/TCR

PWS type: P

PWS	System Name	Enforcement Action	Date Issued	Rule Violated
T1110	ARK STATE PARK MT MAGAZINE	Warning of Administrative Order	2/8/2013	DBP
932	MOUNTAIN DEVELOPMENT	Warning of Administrative Order	11/6/2013	TCR/GWR

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