

# ANNUAL REPORT OF VIOLATIONS OF THE FEDERAL SAFE DRINKING WATER ACT

January 1, 2012 through December 31, 2012



Tennessee Department of Environment and Conservation  
Division of Water Resources  
July 2013

This report is provided in compliance with the requirements of the 1996 Amendments of the Federal Safe Drinking Water Act. Included in this report is both a summary (Appendix A) of drinking water violations and detailed information on systems (Appendix B) with a significant or health based violation during 2012.

The majority of the water systems and operators in Tennessee are very conscientious about the quality of water provided to their customers. The majority of the violations were monitoring violations caused by an oversight on the part of the water utility or due to new standards just implemented. Also included in the report are systems that failed to deliver the Consumer Confidence Report (CCR) within the required time frame.

The Department of Environment and Conservation (TDEC), Division of Water Resources, Drinking Water Program (DWP), has worked with water utility managers/owners and operators to address each of the violations included in this report. Enforcement action and compliance schedules were used to achieve compliance with the regulations when the water utility did not or could not return to compliance (RTC) in a timely manner.

Staff of the Drinking Water Program will continue to work with water utility managers/owners and operators to ensure compliance with the drinking water requirements. If you have questions concerning the information contained in this report, please contact your local water utility, the nearest Division's Drinking Water Program Office in the Regional Environmental Field Office at 1-888-891-8332, or the Nashville Central Office at 615-532-0191.

**STATE OF TENNESSEE  
ANNUAL REPORT  
PUBLIC WATER SYSTEM VIOLATIONS**

The Federal Safe Drinking Water Act (SDWA) was enacted in 1974 in order to assure that the public is provided with safe drinking water. Pursuant to the Safe Drinking Water Act and Amendments to the Act, national limits or standards were established on contaminant levels in drinking water to ensure that drinking water is safe for human consumption. Such standards are known and denoted as Maximum Contaminant Levels (MCLs). Further, the Environmental Protection Agency (EPA) also establishes treatment techniques for certain contaminants that are difficult for laboratories to measure in lieu of maximum contaminant levels to control unacceptable levels of contaminants in water. For example, treatment techniques have been established for giardia lamblia, cryptosporidium, viruses, heterotrophic bacteria, Legionella, and turbidity. In addition, the EPA regulates how frequently public water systems must monitor their water for effectiveness of treatment processes and contaminants and report the monitoring results to the State or EPA.

A public water system is required to monitor and verify that the levels of contaminants present in the water do not exceed the maximum contaminant level for that contaminant. If a public water system fails to monitor as required or fails to report monitoring results correctly, then a monitoring or reporting violation occurs. Generally, the larger the population served by a water system, the more frequent the monitoring and reporting requirements. Additionally, the EPA requires public water systems to notify the public when they have violated these regulations. The 1996 Amendments to the Safe Drinking Water Act require public notification to include a clear and understandable explanation of the nature of the violation, its potential adverse health effects, steps that the public water system is undertaking to correct the violation and the possibility of alternative water supplies during the violation.

The Safe Drinking Water Act applies to each of the fifty (50) States and allows States and Territories to seek EPA approval to administer their own Public Water System Supervision Program. The authority given to a state to operate a Public Water System Supervision Program is called "Primacy". In order to receive primacy, a state must meet certain requirements specified in the Safe Drinking Water Act and those regulations promulgated pursuant to the Act, including the adoption of drinking water regulations that are at least as stringent as the Federal regulations and a demonstration that they can enforce program requirements. The State of Tennessee received primacy in 1977 and assumes primary enforcement responsibility for public water systems operating under the Tennessee Safe Drinking Water Act. The Safe Drinking Water Act and the Tennessee Safe Drinking Water Act define a "public water system" as follows:

"Public water system" means a system for the provision of water for human consumption through pipes or other constructed conveyances, if such system serves fifteen (15) or more service connections or which regularly serves twenty-five (25) or more individuals daily at least sixty (60) days out of the year. A public water system includes:

- (i) Any collection, treatment, storage or distribution facility under control of the operator of such system and used primarily in connection with such system; and
- (ii) Any collection or pretreatment storage facility not under such control which is used primarily in connection with such system.

A “Public Water System”, as defined above, is either a “community water system” or a “non-community water system”. Community and non-community water systems are defined as follows:

“Community Water System” means a public water system that serves at least fifteen (15) service connections used by year-round residents. Examples are municipalities and utility districts.

“Non-Community Water System” means a public water system that is not a community water system. Examples include churches, industries and restaurants.

As the “Primacy” agency, all public water systems in Tennessee must monitor for contaminants and report monitoring results to the State of Tennessee. Primacy States, such as Tennessee, then submit data to the EPA Safe Drinking Water Information System (SDWIS) on a quarterly basis. Data submissions include public water system inventory statistics, the incidence of Maximum Contaminant Level, Major Monitoring, and Treatment Technique violations, and the enforcement actions initiated against violators.

In addition to the above quarterly data submittal to the EPA, the 1996 Amendments of the Federal Safe Drinking Water Act require States with primacy to prepare and submit an annual report to EPA regarding public water system violations within the state in accordance with Section 1414(c)(3)(A)(i). Further, pursuant to 1414(c)(3)(A)(ii), states with primacy are required to publish and distribute summaries of their reports and advise citizens of locations where the full report is available for review. After the submittal of the state reports, EPA evaluates and summarizes the reports in an annual national report, the first of which EPA made available to the public just prior to July 1, 1998. Informational reports submitted to the public and EPA by Tennessee are required to encompass violations pertaining to (1) maximum contaminant levels, (2) treatment requirements, (3) variances and exemptions, and (4) monitoring requirements determined to be significant by the EPA after consultation with the State. However, the State of Tennessee does not utilize variances and/or exemptions with respect to primary drinking water regulations; therefore, such information is absent from the report prepared and submitted by the State of Tennessee.

The State of Tennessee, Department of Environment and Conservation, Division of Water Resources, Drinking Water Program, currently possesses regulatory responsibility for approximately 827 public water systems throughout the state. These public water systems serve an estimated population in excess of 6,592,270 individuals. All public water systems must accomplish certain monitoring and reporting requirements; however, the frequency of such requirements are dependent upon and established considering, factors indicative of each water

system including: population size served by the system; type of population served by the system; and source water supply. Although monitoring and reporting requirements vary, failure to meet the monitoring and/or reporting requirements cause violations to be incurred.

To aid in the interpretation and understanding of reported data, the following definitions are offered in order to clarify the nature of violations which may be incurred and/or the contaminants being monitored:

“Ground water under the direct influence of surface water” means any water beneath the surface of the ground with (1) significant occurrence of insects or other macroorganisms, algae, or other large diameter pathogens such as *Giardia lamblia*, or (2) significant and relatively rapid shifts in water characteristics such as turbidity, temperature, conductivity, or pH which closely correlate to climatological or surface water conditions. Direct influence must be determined for individual sources.

“Maximum Contaminant Level (MCL)” means the maximum permissible level of a contaminant in water which is delivered at the free flowing outlet of the ultimate user of a public water system, except in the case of turbidity and other contaminants so designated where the maximum permissible level is measured at the point of entry into the distribution system. Contaminants added to the water under circumstances controlled by the user, except those resulting from corrosion of piping and plumbing caused by water quality, are excluded from this definition.

“Significant Monitoring Violations” are generally defined as any significant monitoring violation that occurred during the calendar year of the report. With rare exceptions, this occurs when no samples were taken or no results were reported during a compliance period.

Organic Contaminants: Carbon based compounds, such as industrial solvents and pesticides. These contaminants generally gain access to water through runoff from cropland or discharge from factories.

Inorganic Contaminants: Non-carbon based compounds such as metals, nitrates, and asbestos. These contaminants are naturally occurring in some water but can gain access through farming practices, chemical manufacturing, and other human activities.

Treatment Technique: A water treatment process or procedure that is required instead of a maximum contaminant level for contaminants that laboratories cannot adequately measure.

Long Term 1 Enhanced Surface Water Treatment Rule (LT1 ESWTR): Establishes criteria that water systems supplied by surface water or ground water under the direct influence of surface water must meet.

Long Term 2 Enhanced Surface Water Treatment Rule (LT2 ESWTR): Expands on the LT1 rule with microbiological pathogen monitoring at the source, prior to treatment.

Stage 1 Disinfection/Disinfectant Byproducts Rule (DBP): Establishes requirements to provide protection from microbiological pathogens and limit the amount of disinfection byproducts delivered to the consumer.

Stage 2 Disinfection/Disinfectant Byproducts Rule (ST 2 DBP): Expands on the Stage 1 rule by requiring a comprehensive distribution system analysis and monitoring at specific locations.

Surface Water Treatment Rule (SWTR): Establishes criteria under which water systems supplied by surface water or ground water under the direct influence of surface water must provide filtration as a treatment technique.

Ground Water Rule (GWR): Establishes requirements to ensure protection from microbiological pathogens in true ground water sources.

Trihalomethanes (THMs): Disinfection by-products produced as a result of the interaction of a disinfectant (chlorine) with naturally occurring organic material that may be present in the water.

Monitoring Waiver: Permission or consent conveyed to a public water system by the Division of Water Supply upon satisfactory completion of criteria established and necessary to obtain such waiver.

A summary report has been included which reveals a compilation of violations regarding each contaminant. In addition, a detailed listing of those public water systems that have incurred significant monitoring, treatment technique and MCL violations during the 2012 calendar year is included as appendix B. The narrative explanations convey specific information regarding the contaminants monitored and/or violations incurred as well as guidance regarding the use and interpretation of the data tables.

By July 1<sup>st</sup> of each year, every community public water system is required to prepare and distribute a Consumer Confidence Report (CCR) to customers served by the system. The report is required to contain information including the system's source of water, contaminants detected in the water, potential health effects information, mechanisms for customers to influence decisions made by the water system and any violations of drinking water standards that may have occurred during the previous calendar year. This report is to be prepared annually and must be made available to the water customer.

## MICROBIOLOGICAL DATA

Microbiological contaminant sampling is conducted by all public water systems in Tennessee in an effort to detect biological contaminants that may be present in drinking water. All community public water systems (CWSs) must conduct monitoring on a monthly basis with the number of samples based on the population served. At a minimum, non-community water systems (NCWSs) must monitor each calendar quarter. Non-community systems that serve more than one thousand (1,000) persons, utilize a ground water source under the direct influence (GWUDI) of surface water or utilize surface water in total or in part must monitor on a monthly basis. A system collecting a sample that is positive for the presence of coliform bacteria must collect no fewer than three repeat samples for each positive result. All samples containing total coliforms must also be analyzed for the presence of fecal coliforms. The results of all routine and repeat samples are included in determining compliance with the maximum contaminant level for total coliforms. The maximum contaminant level is based on the presence or absence of total coliforms in a sample.

If any repeat sample is fecal coliform-positive, or if any repeat sample is total coliform-positive following a fecal coliform-positive routine sample, an acute violation of the maximum contaminant level (MCL) for microbiological contaminants is incurred. For systems which collect forty (40) or more samples per month, if greater than five (5) percent of samples collected yield total coliform-positive results a non-acute violation of the maximum contaminant level for microbiological contaminants is incurred. Further, for systems collecting fewer than forty (40) samples per month, if more than one (1) sample collected yields a total coliform-positive result then a non-acute violation for microbiological contaminants is incurred.

Failure by a public water system to perform routine monitoring for microbiological contaminants constitutes a significant monitoring violation. Failure by a public water system to perform repeat monitoring following a positive coliform sample also constitutes a significant monitoring violation for microbiological contaminants.

The accompanying data reflects those public water systems in Tennessee that incurred a violation pertaining to microbiological contaminants. The data has been categorized in accordance with the type of violation incurred; Microbiological Maximum Contaminant Level Violations or Significant Monitoring Violations.

## **TREATMENT TECHNIQUE VIOLATIONS**

Treatment techniques are water treatment processes employed for the treatment and/or removal of contaminants in lieu of establishing a Maximum Contaminant Level for contaminants that are very difficult to measure. The Enhanced Surface Water Treatment Rule (ESWTR) and the Long Term 1 Enhanced Surface Water Treatment Rule (LT1 ESWTR) utilizes and establishes treatment techniques in lieu of maximum contaminant levels for *Giardia lamblia*, cryptosporidium, viruses, heterotrophic plate count bacteria, *Legionella*, and turbidity. In accordance with such requirements, water systems supplied by surface water or ground water sources under the direct influence of surface water must utilize water treatment processes (filtration and disinfection) that will achieve removal of cryptosporidium and/or inactivation of *Giardia lamblia* cysts and viruses. Water systems must perform analyses of the water in order to ensure the proper operation and effectiveness of the filtration and disinfection treatment.

In accordance with the Enhanced Surface Water and Long Term 1 Enhanced Surface Water Treatment Rules, water systems must monitor the water for turbidity (cloudiness of the water) and disinfectant residual. If a water system fails to conduct required monitoring, or fails to monitor and report less than ninety (90) percent of the required samples, as determined by population served and duration of water plant operation, then a significant monitoring violation is incurred. If a water system conducts required monitoring and reporting and the results reveal that less than ninety-five (95) percent of samples collected met the turbidity standard or disinfectant residual standard, then a treatment technique violation is incurred. Additionally, if a water system utilizing surface water or ground water under the direct influence of surface water fails to meet all criteria to avoid filtration treatment and does not install the necessary filtration treatment within the allowable eighteen (18) month deadline, then a violation is incurred regarding the failure to filter requirement.

Appendix B lists the public water systems in Tennessee that incurred a treatment technique violation. The data shows significant monitoring violations, which are for: failure to conduct required monitoring or reporting or conducted less than ninety (90) percent of the required monitoring incurred, failure to monitor the combined filter effluent turbidity or monitor individual filter turbidity performance, and; treatment technique violations for failure to achieve compliance with the standard for turbidity or disinfectant residual.

## **INORGANIC CONTAMINANTS VIOLATIONS**

Inorganic contaminant sampling is conducted by all public water systems in Tennessee in an effort to detect inorganic contaminants such as metals, nitrates or asbestos that may be present in the drinking water. Maximum contaminant levels have been established for inorganic contaminants and monitoring determines compliance with such standards. Monitoring intervals for inorganic contaminants are determined considering the type of source water utilized by the public water system with the exceptions of nitrate and asbestos. Monitoring to determine compliance with the maximum contaminant level for nitrate may be conducted no less frequently than annually. Monitoring to determine compliance with the maximum contaminant level for asbestos is conducted with consideration to population served and the vulnerability of the system to asbestos contamination (asbestos-cement piping, etc.).

The accompanying data reveals those public water systems in Tennessee that incurred an inorganic contaminant monitoring violation.

## **ORGANIC CONTAMINANTS VIOLATIONS**

Organic contaminant sampling is conducted by all community, and certain non-community public water systems in Tennessee, which have not received a waiver of the monitoring requirements, in an effort to detect any organic contaminants such as solvents or pesticides which may be present in the drinking water. Maximum contaminant levels have been established for organic contaminants and monitoring determines compliance with such standards. Monitoring intervals for organic contaminants are determined considering the type of source water utilized and the type of population served by the public water system. Water systems that conduct monitoring for organic contaminants and do not detect a contaminant may reduce the sampling frequency regarding organic contaminants or request permission from the State to reduce sampling frequency.

The accompanying data reveals public water systems that incurred an organic contaminant monitoring violation. During the 2012 calendar year, there were no public water systems in Tennessee that incurred a maximum contaminant level violation regarding organic contaminants.

## **DISINFECTION BY-PRODUCT and BY-Product PRECURSOR VIOLATIONS**

Trihalomethane and haloacetic acid (HAA5) sampling is conducted by all community public water systems in Tennessee. Trihalomethanes and haloacetic acids are disinfection by-products that are produced as the disinfectant (chlorine) reacts with naturally occurring organic matter, such as leaf litter, which may be present in the water. Monitoring is conducted in an effort to detect the presence of trihalomethanes or haloacetic acids in the drinking water. A maximum contaminant level has been established for both total trihalomethanes and total haloacetic acids and monitoring determines compliance with the standards. Monitoring is conducted for both total trihalomethanes (TTHMs) and haloacetic acids generally on a quarterly basis and on each water treatment plant used by a system. Other monitoring schedules may be followed depending on the size of the system and the type of source water.

The standard or maximum contaminant level for total trihalomethanes is 80 parts per billion (ppb) while the standard for haloacetic acids is 60 ppb.

The accompanying data reveals those public community water systems in Tennessee incurred a total trihalomethane and/or haloacetic acid monitoring violation or maximum contaminant level violation.

## **LEAD AND COPPER VIOLATIONS**

Lead and Copper sampling is conducted by all community and certain non-community public water systems in Tennessee at high risk sites in an effort to detect excessive levels of lead and/or copper in drinking water. The maximum allowable concentrations of lead and/or copper in drinking water are denoted as “action levels”. Treatment techniques have been established that include requirements for corrosion control treatment, source water treatment, lead service line replacement and public education for systems which exceed the action levels for lead and/or copper. Tap water monitoring determines compliance with such standards. Initial tap water monitoring is conducted for lead and copper on six (6) month monitoring intervals. If a water system meets the action levels for lead and copper during each of two (2) consecutive six (6) month monitoring periods, or maintains optimal corrosion control, the system may request and be granted reduced monitoring frequencies.

## **LONG TERM 2, SURFACE WATER TREATMENT RULE**

The goal of the Long Term 2, Surface Water Treatment Rule is to reduce the risk of disease caused by *Cryptosporidium* and other microorganisms by identifying those systems at the greatest risk for source water contamination. Under this rule, most filtered systems are required to conduct an initial round of sampling of their untreated source water for the presence of *Cryptosporidium* and/or *E. coliform* bacteria. Results from this initial round will be used to determine if additional treatment of the source water will be required.

## **CONSUMER CONFIDENCE REPORT VIOLATIONS**

Beginning in 1998, community public water systems were required to furnish a report to customers with information about the water being furnished. Included in this report is the source of water for the local water utility, certain health effects language, information concerning contaminants detected, and information on violations that may have occurred during the previous calendar year. There is also information on the time and location of any board meetings to promote public participation in the decision making process of the water utility.

All systems serving 10,000 or more persons are required to furnish a copy of the report to each customer. Systems serving less than 10,000 persons are given the option to notify their customers that the report will be published in a newspaper serving the local area. Even though the report is published in the paper, the water utility is required to furnish an individual copy of the report to any person requesting a copy.

## **RADIONUCLIDE VIOLATIONS**

Public water systems are required to monitor for certain naturally occurring and man-made radionuclides to insure the water being provided to their customers meet standards. Radionuclide samples are collected every quarter with the results being the average of all the quarterly samples.

## **GROUND WATER RULE**

The Ground Water Rule is part of the “Microbial-Disinfectants/Disinfection Byproducts Cluster” (M-DBP Cluster), intended to improve control of microbial pathogens while minimizing public health risks of disinfectants and disinfection byproducts (DBPs). The GWR builds upon the Total Coliform Rule by addressing the health risks of fecal contamination in community and non-community water systems that use ground water. Key provisions of the rule include; compliance monitoring to ensure that treatment technologies installed to treat drinking water reliably achieve at least 99.99 percent (4-log) inactivation or removal of viruses; triggered source water monitoring to test for the presence of fecal indicators; and, requirements to correct significant deficiencies and eliminate fecal contamination through specified actions.

**DIVISION OF WATER SUPPLY  
ENFORCEMENT ACTION  
SUMMARY**

In order to address non-compliance issues the Water Supply Program utilizes a number of enforcement mechanisms which include: issuance of Notices of Violation (NOVs) and/or Notices of Non- Compliance (NONCs) which officially notifies a public water system official or owner of a violation and provides guidance to facilitate actions to return the system to compliance; technical assistance and training; conducting Compliance Review (CRM) and/or Show Cause meetings (SCM) during which compliance status is discussed and imperative actions to achieve compliance are reviewed; and issuance of administrative orders and assessments which contain monetary civil penalties for violations incurred. The Department of Environment and Conservation and the Division of Water Resources are granted authority by the Tennessee Safe Drinking Water Act, through the department's commissioner, to initiate enforcement action and issue such administrative orders regarding violations of the Tennessee Safe Drinking Water Act, T.C.A. 68-221-701 et. seq. and Water Environmental Health Act T.C.A. 68-221-801 et. seq.

The Division initially attempts to assist water systems with violations achieve compliance through a system of official notifications, technical assistance and training, on-site inspections and compliance review meetings. Under certain circumstances, water systems are provided the opportunity to execute a Letter of Agreement (LOA) indicating an understanding of noncompliance issues and conveying an agreement to undertake the necessary actions to prevent a recurrence of non-compliance. In situations where the division has issued notifications, conducted technical assistance and/or on-site inspections or conducted compliance assessment meetings and violations are not addressed by the water utility or are not addressed in a timely manner, enforcement action in the form of an Administrative Order (AO) is customarily recommended and/or initiated. Such Administrative Orders contain monetary civil penalties assessed for violations and mandate that compliance be achieved.

The majority of violations incurred by water utilities are addressed and corrected prior to the necessity for issuance of an Administrative Order. With technical assistance and training by the division, most systems are able to return to compliance. However, there are water systems that incurred violations that were not addressed or corrected making an Administrative Order warranted. The Administrative Orders encompassed a variety of violations including those contained in this Annual Report of Violations.

State of Tennessee  
2012 Annual Compliance Report  
Violations Summary  
Appendix A

State of Tennessee  
2012 Annual Compliance Report  
Violations Summary

	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations		Individual Systems in Violation <sup>1</sup>
	Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>1</sup>	
Volatile Organics	0	0			63	3	3
Synthetic Organics	0	0			0	0	0
Inorganics	0	0			13	11	11
Radionuclides	0	0			0	0	0
Total Coliform Rule	16	11			68	59	69
Surface Water Treatment Rules			10	6	31	20	25
D/DBP Rules (Stages 1 & 2)	16	10	1	1	37	21	30
Filter Backwash Recycle Rule			0	0	0	0	0
Lead and Copper Rule			1	1	1	1	2
Consumer Confidence Reports					0	0	0
Public Notification Rule					4	4	4
Ground Water Rule			0	0	6	5	5
Violations in 2011	32		12		223		
Number of Individual Systems in Violation per Violation Type <sup>2</sup>		21		8		114	
Number of Individual Systems in Violation for All Rules <sup>2</sup>	134						

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may add up to the total.

For detailed information see Appendix B.

State of Tennessee  
2012 Annual Compliance Report  
Total Coliform Rule (TCR)  
Violations Summary

SDWIS Codes	Total Coliform Rule Violation	MCL	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations	
			Number of Violations	Number of Systems <sup>1</sup>	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>1</sup>
21	MCL, Acute	Presence	3	3				
22	MCL, Non-Acute	Presence	13	9				
23, 25	Routine or Major Repeat Monitoring						68	59
Total Number of Violations			16				68	
Number of Individual Systems With Violations <sup>1</sup>				11				59
Total Number of TCR Violations			84					
Total Number of Individual Systems With TCR Violations <sup>1</sup>			69					

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
 2012 Annual Compliance Report  
 Surface Water Treatment Rules (SWTR / IESWTR / LT2ESWTR)  
 Violations Summary

SDWIS Codes	Violation	MCL	MCL Violations		Treatment Technique Violations / Health Based		Significant Monitoring Violations	
			Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>1</sup>
Surface Water Treatment Rule (SWTR)								
36	SWTR Monitoring						3	3
41	Treatment Technique				3	3		
42	Failure to Filter				1	1		
Interim Enhanced SWTR (IESWTR)								
09	Record Keeping for Individual Filter						24	16
29	Filter Exceedance Follow-Up Reports						0	0
38	Routine Monitoring						3	3
43	Single Combined Filter Effluent				6	3		
44	Monthly Combined Filter Effluent				0	0		
LT2 Enhanced SWTR (LT2EWSTR)								
32	Source Water Monitoring						1	1
33	BIN Report (Health Based)				0	0		
Total Number of Violations					10		31	
Number of Individual Systems With Violations						6		20
Total Number of SWTR Violations			41					
Total Number of Individual Systems With SWTR Violations			25					

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Inorganic Contaminants (IOCs)  
Violations Summary

SDWIS Codes	Inorganic Contaminants	MCL <sup>1</sup>	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations	
			Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>2</sup>
1074	Antimony	0.006	0	0			0	0
1005	Arsenic	0.05	0	0			0	0
1094	Asbestos	7 million fibers/liter	0	0			0	0
1010	Barium	2	0	0			0	0
1075	Beryllium	0.004	0	0			0	0
1015	Cadmium	0.005	0	0			0	0
1020	Chromium	0.1	0	0			0	0
1024	Cyanide (as free Cyanide)	0.2	0	0			0	0
1025	Fluoride	4.0	0	0			0	0
1035	Mercury	0.002	0	0			0	0
1036	Nickel	0.1	0	0			0	0
1040	Nitrate	10 (as nitrogen)	0	0			11	11
1038	Total Nitrate, Nitrite	10 (as nitrogen)	0	0			1	1
1041	Nitrite	10 (as nitrogen)	0	0			1	1
1045	Selenium	0.05	0	0			0	0
1085	Thallium	0.002	0	0			0	0
Total Number of Violations			0				<b>13</b>	
Number of Individual Systems in Violation				0				<b>11</b>
Total Number of Individual Systems With Inorganic Violations			<b>11</b>					

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Values are in Milligrams per Liter (mg.L), unless otherwise specified.
2. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Synthetic Organic Contaminants (SOCs)  
Violations Summary

SDWIS Codes	Synthetic Organic Chemicals	MCL <sup>1</sup>	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations	
			Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>2</sup>
2931	1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0			0	0
2063	2,3,7,8-TCDD (Dioxin)	3x10 <sup>-6</sup>	0	0			0	0
2110	2,4,5-TP	0.05	0	0			0	0
2105	2,4-D	0.07	0	0			0	0
2265	Acrymalide				0	0		
2051	Alachlor	0.002	0	0			0	0
2050	Atrazine	0.003	0	0			0	0
2306	Benzo(A)pyrene	0.0002	0	0			0	0
2046	Carbofuran	0.04	0	0			0	0
2959	Chlordane	0.002	0	0			0	0
2031	Dalapon	0.2	0	0			0	0
2035	Di(2-ethylhexyl)adipate	0.4	0	0			0	0
2039	Di(2-ethylhexyl)phthalate	0.006	0	0			0	0
2041	Dinoseb	0.007	0	0			0	0
2032	Diquat	0.02	0	0			0	0
2033	Endothall	0.1	0	0			0	0
2005	Endrin	0.002	0	0			0	0
2257	Epichlorohydrin				0	0		
2946	Ethylene dibromide (EDB)	0.00005	0	0			0	0
2034	Glyphosate	0.7	0	0			0	0

(Continued on next page)

State of Tennessee  
2012 Annual Compliance Report  
Synthetic Organic Contaminants (SOCs)  
Violations Summary

SDWIS Codes	Synthetic Organic Chemicals	MCL <sup>1</sup>	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations	
			Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>2</sup>
2065	Heptachlor	0.0004	0	0			0	0
2067	Heptachlor epoxide	0.0002	0	0			0	0
2274	Hexachlorobenzene	0.001	0	0			0	0
2042	Hexachlorocyclopentadiene	0.05	0	0			0	0
2010	Lindane	0.0002	0	0			0	0
2015	Methoxychlor	0.04	0	0			0	0
2036	Oxamyl (Vydate)	0.2	0	0			0	0
2326	Pentachlorophenol	0.001	0	0			0	0
2040	Picloram	0.5	0	0			0	0
2383	Polychlorinated biphenyls	0.0005	0	0			0	0
2037	Simazine	0.004	0	0			0	0
2020	Tozaphene	0.003	0	0			0	0
Number of Violations			0		0		0	
Number of Individual Systems in Violation				0		0		0
Total Number of Violations			0					
Total Number of Individual Systems In Violation			0					

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Values are in Milligrams per Liter (mg.L), unless otherwise specified.
2. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Volatile Organic Contaminants (VOCs)  
Violations Summary

SDWIS Codes	Volatile Organic Chemicals	MCL <sup>1</sup>	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations	
			Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>2</sup>
2977	1,1-Dichloroethylene	0.007	0	0			3	1
2981	1,1,1-trichloroethane	0.2	0	0			3	1
2985	1,1,2-trichloroethane	0.005	0	0			3	1
2980	1,2-dichloroethane	0.005	0	0			3	1
2983	1,2-dichloropropane	0.005	0	0			3	1
2378	1,2,4-trichlorobenzene	0.07	0	0			3	1
2990	Benzene	0.005	0	0			3	1
2982	Carbon Tetrachloride	0.005	0	0			3	1
2380	Cis-1,2-Dichloroethylene	0.07	0	0			3	1
2964	Dichloromethane	0.005	0	0			3	1
2992	Ethylbenzene	0.7	0	0			3	1
2989	Monochlorobenzene	0.1	0	0			3	1
2968	o-Dichlorobenzene	0.6	0	0			3	1
2969	Para-dichlorobenzene	0.075	0	0			3	1
2996	Styrene	0.1	0	0			3	1
2987	Tetrachloroethylene	0.005	0	0			3	1
2991	Toluene	1	0	0			3	1
2979	Trans-1,2-Dichloroethylene	0.1	0	0			3	1
2984	Trichloroethylene	0.005	0	0			3	1
2976	Vinyl chloride	0.002	0	0			3	1
2955	Xylenes (total)	10	0	0			3	1
Number of Violations			0				63	
Number of Individual Systems in Violation				0				3
Total Number of Violations			63					
Total Number of Individual Systems In Violation			3					

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Values are in Milligrams per Liter (mg.L), unless otherwise specified.
2. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Disinfectants and Disinfection Byproducts Rules (D/DBP)  
Violations Summary

SDWIS Codes		MCL <sup>1</sup>	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations	
			Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>2</sup>
Stage 1 (D/DBP)								
0400	Disinfection Byproduct Monitoring				1	1		
0999	Chlorine (MRDL)	4.0	0	0			0	0
1009	Chlorite	1	0	0			0	0
2456	Total Haloacetic Acids	0.60	9	6			6	6
2920	Total Organic Carbon				0	0	11	9
2950	Total Trihalomethanes	0.80	7	6			6	6
Stage 2 (D/DBP)								
0600	Failure to Submit IDSE Report						0	0
2456	Total Haloacetic Acids		0	0			7	6
2950	Total Trihalomethanes		0	0			7	6
Number of Violations			16		1		37	
Number of Individual Systems in Violation				10		1		21
Total Number of Violations			54					
Total Number of Individual Systems In Violation			31					

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Values are in Milligrams per Liter (mg.L), unless otherwise specified.
2. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Lead and Copper Rule  
Violations Summary

SDWIS Codes	Lead and Copper Rule	MCL <sup>1</sup>	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations	
			Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>3</sup>
51	Initial Lead and Copper Tap M/R <sup>2</sup>						0	0
52	Follow-up or Routine Tap M/R						1	1
58	Optimal Corrosion Control / Sour Water Treatment				1	1		
65	Public Education				0	0		
Number of Violations					1		1	
Number of Individual Systems in Violation						1		1
Total Number of Violations			2					
Total Number of Individual Systems In Violation			2					

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Values are in Milligrams per Liter (mg.L), unless otherwise specified.
2. Monitoring / Reporting Violation (M/R)
3. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Consumer Confidence Reports (CCR)  
Violations Summary

SDWIS Codes	Consumer Confidence Report	Number of Violations	Number of Systems
71	Failure to Provide CCR	0	0

1. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Radionuclides  
Violations Summary

SDWIS Codes	Radionuclides	MCL	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations	
			Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>1</sup> .
4000	Gross Alpha	3 pCi/L	0	0			0	0
4020	Radium-226	1 pCi/L	0	0			0	0
4030	Radium-228	1 pCi/L	0	0			0	0
4006	Combined Uranium	1/10 <sup>th</sup> MCL	0	0			0	0
Number of Violations			0				0	
Number of Individual Systems in Violation				0				0
Total Number of Violations			0					
Total Number of Individual Systems In Violation			0					

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Public Notification Rule (PN)  
Violations Summary

SDWIS Codes	Public Notification Violations	Number of Violations	Number of Systems
75	Failure to Provide Public Notice	4	4

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Ground Water Rule (GWR)  
Violations Summary

SDWIS Codes	Ground Water Rule Violations	MCL	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations	
			Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems <sup>1</sup>
31, 34	Monitoring Violation						6	5
41	Treatment Technique				0	0		
Total Number of Violations			6					
Total Number of Individual Systems In Violation			5					

 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Although a public water system may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once. Consequently, the sum of the number of water systems in violation, over the various contaminant groups or rules, may not add up to the total.

For detailed information see Appendix B

State of Tennessee  
2012 Annual Compliance Report  
Detailed Violations  
Appendix B

**2012 Annual Compliance Report  
Violation Details**

**Community Water Systems**

**ANDERSON COUNTY**

**TN00005 ANDERSON COUNTY WATER AUTHORIT**

Interim Enhanced SWTR

Individual Filter Records

10/1/2012 Record Keeping, Major

12/7/2012 Notice of Violation Issued

12/7/2012 Public Notification Requested

**BLEDSON COUNTY**

**TN00005 BCCX WATER SYSTEM**

D/DBP Rule

Chloroacetic Acids

10/1/2012 MCL Violation

1/29/2013 Notice of Violation Issued

1/29/2013 Public Notification Requested

4/18/2013 Letter of Agreement

Total Organic Carbon

10/1/2012 Routine Monitoring, Major

2/4/2013 Notice of Violation Issued

2/4/2013 Public Notification Requested

4/18/2013 Letter of Agreement

**BLOUNT COUNTY**

**TN00000 ALCOA WATER SYSTEM**

Interim Enhanced SWTR

Individual Filter Records

6/23/2010 Record Keeping, Major

3/7/2012 Notice of Violation Issued

3/7/2012 Public Notification Requested

**TN00009 COLONIAL HARBOR WATER SYSTEM**

Inorganics

Nitrates

1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued

1/30/2013 Public Notification Requested

**TN00002 FRIENDSVILLE WATER WORKS**

D/DBP Rule

Trihalomethanes

10/1/2012 MCL Violation

1/29/2013 Notice of Violation Issued

1/29/2013 Public Notification Requested

**BRADLEY COUNTY****TN00001 CLEVELAND UTILITIES**

Total Coliform Rule

Total Coliforms

6/1/2012

Actual MCL Violation

6/8/2012 Boil Water Order Issued

6/8/2012 Public Notification Received

7/31/2012 Notice of Violation Issued

7/31/2012 Public Notification Requested

7/31/2012 Returned to Compliance

**CANNON COUNTY****TN00007 WOODBURY WATER SYSTEM**

D/DBP Rule

Total Organic Carbon

10/1/2012

Routine Monitoring, Major

1/4/2013 Notice of Violation Issued

1/4/2013 Public Notification Requested

Interim Enhanced SWTR

Individual Filter Records

12/1/2011

Record Keeping, Major

1/31/2012 Notice of Violation Issued

1/31/2012 Public Notification Received

**CARTER COUNTY****TN00002 HAMPTON UTILITY DISTRICT**

D/DBP Rule

Chloroacetic Acids

1/1/2012

Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

Trihalomethanes

1/1/2012

Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

**CLAIBORNE COUNTY****TN00002 LINCOLN MEMORIAL UNIVERSITY**

Interim Enhanced SWTR

Individual Filter Records

1/3/2012

Record Keeping, Major

2/10/2012 Notice of Violation Issued

**DAVIDSON COUNTY**

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**TN00004 NASHVILLE WATER DEPT #1**

Long Term 1 SWTR

Disinfectants

2/1/2012

Treatment Technique

3/1/2012 Notice of Violation Issued  
3/1/2012 Public Notification Requested  
3/31/2012 Returned to Compliance  
6/15/2012 Public Notification Received

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**TN00005 OLD HICKORY UTILITY DISTRICT**

Total Coliform Rule

Total Coliforms

7/1/2012

Non-Acute MCL Violation

8/2/2012 Public Notification Received  
8/31/2012 Notice of Violation Issued  
8/31/2012 Public Notification Requested  
8/31/2012 Returned to Compliance

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**FENTRESS COUNTY**

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**TN00000 ALLARDT WATER WORKS**

Public Notification Rule

Public Notice

6/30/2012

Reporting Violation, Major

3/4/2013 Notice of Violation Issued

Total Coliform Rule

Total Coliforms

5/1/2012

Non-Acute MCL Violation

6/29/2012 Notice of Violation Issued  
6/29/2012 Public Notification Requested  
6/30/2012 Returned to Compliance  
2/28/2013 Public Notification Received

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**FRANKLIN COUNTY**

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**TN00000 BELVIDERE RURAL UTILITY DISTRICT**

D/DBP Rule

Total Organic Carbon

7/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested  
5/24/2013 Public Notification Received  
5/24/2013 Returned to Compliance

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**TN00001 CENTER GROVE-WINCHESTER SPGS**

Interim Enhanced SWTR

Individual Filter Records

7/1/2011

Record Keeping, Major

8/31/2011 Notice of Violation Issued  
8/31/2011 Public Notification Requested  
2/21/2012 Public Notification Received

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**TN00007 WINCHESTER WATER SYSTEM**

Interim Enhanced SWTR

Individual Filter Records

6/1/2010 Record Keeping, Major

2/11/2011 Notice of Violation Issued

9/30/2011 No Addtl Formal Action Needed

7/1/2010 Record Keeping, Major

2/11/2011 Notice of Violation Issued

9/30/2011 No Addtl Formal Action Needed

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**GIBSON COUNTY**

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**TN00008 GIBSON CO MUN WATER DIST #5**

Total Coliform Rule

Total Coliforms

6/1/2012 Repeat Monitoring, Major

7/31/2012 Notice of Violation Issued

7/31/2012 Public Notification Requested

7/31/2012 Returned to Compliance

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**GREENE COUNTY**

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**TN00001 CHUCKEY UTILITY DISTRICT**

D/DBP Rule

Chloroacetic Acids

1/1/2012 MCL Violation

4/16/2012 Notice of Violation Issued

4/16/2012 Public Notification Requested

5/7/2012 Returned to Compliance

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**TN00001 CROSS ANCHOR UTILITY DISTRICT**

D/DBP Rule

Chloroacetic Acids

1/1/2012 MCL Violation

4/16/2012 Notice of Violation Issued

4/16/2012 Public Notification Requested

5/7/2012 Returned to Compliance

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**TN00002 NORTH GREENE UTILITIES, INCORP**

D/DBP Rule

Total Organic Carbon

7/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

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**HAMBLLEN COUNTY**

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**TN00004 MORRISTOWN WATER SYSTEM**

Interim Enhanced SWTR

Individual Filter Records

3/1/2012 Record Keeping, Major

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3/13/2013 Notice of Violation Issued  
3/13/2013 Public Notification Requested

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**TN00006 WITT UTILITY DISTRICT**

D/DBP Rule

Total Organic Carbon

1/1/2012 Routine Monitoring, Major

3/2/2012 Notice of Violation Issued  
3/2/2012 Public Notification Requested  
3/31/2012 Returned to Compliance

10/1/2012 Routine Monitoring, Major

12/7/2012 Notice of Violation Issued  
12/7/2012 Public Notification Requested  
1/4/2013 Notice of Violation Issued  
1/4/2013 Public Notification Requested

Public Notification Rule

Public Notice

5/1/2012 Reporting Violation, Major

5/31/2012 Notice of Violation Issued  
7/19/2012 Returned to Compliance

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**HARDEMAN COUNTY**

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**TN00002 GRAND JUNCTION WATER DEPT**

VOCs

21 - VOC Contaminants

7/1/2012 Routine Monitoring, Major

11/7/2012 Notice of Violation Issued  
11/7/2012 Public Notification Requested

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**HARDIN COUNTY**

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**TN00005 FIRST U.D. OF HARDIN COUNTY**

Interim Enhanced SWTR

Individual Filter Records

9/1/2010 Record Keeping, Major

6/13/2012 Notice of Violation Issued

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**HAWKINS COUNTY**

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**TN00007 NEW CANTON UTILITY DISTRICT**

D/DBP Rule

Trihalomethanes

10/1/2012 MCL Violation

1/29/2013 Notice of Violation Issued  
1/29/2013 Public Notification Requested  
3/14/2013 Public Notification Received  
3/14/2013 Returned to Compliance

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**TN00005 ROGERSVILLE WATER SYSTEM**

D/DBP Rule

Total Organic Carbon

7/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

**TN00006 STRIGGERSVILLE UTIL DIST**

Date Inactivated 11/8/2013

Total Coliform Rule

Total Coliforms

9/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

10/1/2012 Routine Monitoring, Major

12/7/2012 Notice of Violation Issued  
12/7/2012 Public Notification Requested

11/1/2012 Routine Monitoring, Major

1/4/2013 Notice of Violation Issued  
1/4/2013 Public Notification Requested

**TN00006 SURGOINSVILLE UTILITY DISTRICT**

Long Term 1 SWTR

Disinfectants

12/1/2012 Treatment Technique

2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested  
3/19/2013 Public Notification Received  
3/19/2013 Returned to Compliance

**HICKMAN COUNTY**

**TN00000 BON AQUA-LYLES UD**

Interim Enhanced SWTR

Individual Filter Records

11/14/2010 Record Keeping, Major

4/3/2012 Notice of Non-Compliance  
4/3/2012 Public Notification Requested  
6/1/2012 Public Notification Received

**TN00001 CENTERVILLE WATER SYSTEM**

Interim Enhanced SWTR

Individual Filter Records

8/1/2009 Record Keeping, Major

10/1/2009 Notice of Violation Issued  
10/1/2009 Public Notification Requested  
6/21/2010 Public Notification Received

**JACKSON COUNTY**

**TN00002 GAINESBORO WATER SYSTEM**

Interim Enhanced SWTR

Individual Filter Records

11/1/2010 Record Keeping, Major

12/27/2011 Notice of Violation Issued

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**JEFFERSON COUNTY**

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**TN00001 DANDRIDGE WATER DEPARTMENT**

## D/DBP Rule

 haloacetic Acids

7/1/2012

Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

## Trihalomethanes

7/1/2012

Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

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**TN00003 JEFFERSON CITY WATER & SEWER C**

## D/DBP Rule

 haloacetic Acids

4/1/2012

Routine Monitoring, Major

5/14/2012 Returned to Compliance

7/23/2012 Notice of Violation Issued

7/23/2012 Public Notification Requested

5/7/2013 Public Notification Received

10/1/2012

Routine Monitoring, Major

1/29/2013 Notice of Violation Issued

1/29/2013 Public Notification Requested

5/7/2013 Public Notification Received

5/7/2013 Returned to Compliance

## Trihalomethanes

4/1/2012

Routine Monitoring, Major

5/14/2012 Returned to Compliance

7/23/2012 Notice of Violation Issued

7/23/2012 Public Notification Requested

5/7/2013 Public Notification Received

10/1/2012

Routine Monitoring, Major

1/29/2013 Notice of Violation Issued

1/29/2013 Public Notification Requested

5/7/2013 Public Notification Received

5/7/2013 Returned to Compliance

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**TN00004 NEW MARKET UTILITY DISTRICT**

## D/DBP Rule

 haloacetic Acids

7/1/2012

Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

## Trihalomethanes

7/1/2012

Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

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**KNOX COUNTY**

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**TN00003 KNOX-CHAPMAN UTILITY DISTRICT**

## Total Coliform Rule

## Total Coliforms

9/30/2012 Returned to Compliance  
 11/5/2012 Notice of Violation Issued  
 11/5/2012 Public Notification Requested

**TN00003 KNOXVILLE UTILITIES BOARD-KUB**

Total Coliform Rule  
 Total Coliforms  
 9/1/2012 Actual MCL Violation

9/24/2012 Boil Water Order Issued  
 10/2/2012 Notice of Violation Issued  
 10/2/2012 Public Notification Requested  
 10/31/2012 Returned to Compliance  
 4/2/2013 Letter of Agreement

**LAUDERDALE COUNTY**

**TN00005 LAUDERDALE CO WATER SYSTEM**

Total Coliform Rule  
 Total Coliforms  
 10/1/2012 Non-Acute MCL Violation

12/12/2012 Public Notification Received  
 12/12/2012 Returned to Compliance  
 12/18/2012 Notice of Violation Issued  
 12/18/2012 Public Notification Requested

**LAWRENCE COUNTY**

**TN00082 LEXINGTON WATER DEPT RASCALTOWN**

D/DBP Rule  
 Haloacetic Acids  
 1/1/2012 Routine Monitoring, Major

10/23/2012 Notice of Violation Issued  
 10/23/2012 Public Notification Requested  
 10/31/2012 Public Notification Received  
 10/31/2012 Returned to Compliance

Trihalomethanes  
 1/1/2012 Routine Monitoring, Major

10/23/2012 Notice of Violation Issued  
 10/23/2012 Public Notification Requested  
 10/31/2012 Public Notification Received  
 10/31/2012 Returned to Compliance

**TN00004 LORETTO WATER DEPARTMENT**

D/DBP Rule  
 Total Organic Carbon  
 1/1/2012 Routine Monitoring, Major

5/3/2012 Notice of Violation Issued  
 5/3/2012 Public Notification Requested  
 5/27/2012 Public Notification Received  
 6/30/2012 Returned to Compliance

Interim Enhanced SWTR  
 Individual Filter Records  
 2/1/2011 Record Keeping, Major

9/6/2012 Notice of Non-Compliance  
 9/6/2012 Public Notification Requested  
 2/13/2013 Public Notification Received

**TN00006 SUMMERTOWN WATER SYSTEM**

Lead /Copper Rule  
 Lead / Copper  
 7/1/2011 Treatment Technique

9/8/2011 Notice of Violation Issued  
 9/8/2011 Public Notification Requested  
 9/14/2011 Returned to Compliance  
 9/28/2011 Public Notification Received

**LEWIS COUNTY**

**TN00003 HOHENWALD WATER SYSTEM**

VOCs  
 21 - VOC Contaminants  
 7/1/2012 Routine Monitoring, Major

12/10/2012 Notice of Violation Issued  
 12/10/2012 Public Notification Requested  
 4/3/2013 Public Notification Received  
 4/3/2013 Returned to Compliance

**LOUDON COUNTY**

**TN00004 MARTEL UTILITY DISTRICT**

D/DBP Rule  
 haloacetic Acids  
 10/1/2012 Routine Monitoring, Major  
 Trihalomethanes  
 10/1/2012 Routine Monitoring, Major

1/29/2013 Notice of Violation Issued  
 1/29/2013 Public Notification Requested  
 1/29/2013 Notice of Violation Issued  
 1/29/2013 Public Notification Requested

**MADISON COUNTY**

**TN00002 JACKSON WATER SYSTEM**

D/DBP Rule  
 haloacetic Acids  
 10/1/2012 Routine Monitoring, Major  
 Trihalomethanes  
 10/1/2012 Routine Monitoring, Major

1/29/2013 Notice of Violation Issued  
 1/29/2013 Public Notification Requested  
 1/29/2013 Notice of Violation Issued  
 1/29/2013 Public Notification Requested

**MAURY COUNTY**

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**TN00007 MAURY CO WATER SYSTEM**

D/DBP Rule

□ haloacetic Acids

1/1/2012

MCL Violation

4/16/2012 Notice of Violation Issued  
4/16/2012 Public Notification Requested  
4/30/2012 Public Notification Received  
5/9/2012 Returned to Compliance

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**TN00004 MOUNT PLEASANT WAT SYS #1**

Interim Enhanced SWTR

Individual Filter Records

9/1/2012

Record □ eeping, Ma or

2/28/2013 Compliance Review Meeting  
2/28/2013 Letter of Agreement

12/1/2012

Record □ eeping, Ma or

2/28/2013 Compliance Review Meeting  
2/28/2013 Letter of Agreement

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**MCMINN COUNTY**

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**TN00005 RICEVILLE UTILITY DISTRICT**

D/DBP Rule

□ haloacetic Acids

1/1/2012

MCL Violation

4/9/2012 Returned to Compliance  
4/16/2012 Notice of Violation Issued  
4/16/2012 Public Notification Requested  
4/30/2012 Public Notification Received  
5/14/2012 Compliance Review Meeting  
6/27/2012 Letter of Agreement

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**MONROE COUNTY**

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**TN00082 GREASIE'S TRAILER PARK**

Total Coliform Rule

Total Coliforms

12/1/2012

Routine Monitoring, Ma or

2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested

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**TN00004 HIWASSEE COLLEGE WATER SYSTEM**

D/DBP Rule

□ haloacetic Acids

1/1/2012

Routine Monitoring, Ma or

4/24/2012 Director's Order  
10/23/2012 Notice of Violation Issued  
10/23/2012 Public Notification Requested

Trihalomethanes

1/1/2012

Routine Monitoring, Ma or

4/24/2012 Director's Order  
10/23/2012 Notice of Violation Issued  
10/23/2012 Public Notification Requested

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Total Coliform Rule  
Total Coliforms  
9/1/2012 Routine Monitoring, Major

4/24/2012 Director's Order  
10/31/2012 Returned to Compliance  
11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested  
11/8/2012 Public Notification Received  
11/21/2012 Public Notification Received

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## OBION COUNTY

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### TN00003 HORNBEAK UTILITY DISTRICT

Total Coliform Rule  
Total Coliforms  
3/1/2012 Routine Monitoring, Major

4/30/2012 Returned to Compliance  
5/1/2012 Notice of Violation Issued  
5/1/2012 Public Notification Requested

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### TN00006 SAMBURG UTILITY DIST

Total Coliform Rule  
Total Coliforms  
9/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

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## RHEA COUNTY

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### TN00006 NEWPORT RESORT WATER SYSTEM

Total Coliform Rule  
Total Coliforms  
9/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

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### TN00006 SPRING CITY WATER SYSTEM

Long Term 2 SWTR  
BIN Reports  
1/2/2012 Failure to submit BIN report

5/15/2012 Notice of Violation Issued  
5/15/2012 Public Notification Requested

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## RUTHERFORD COUNTY

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### TN00003 LA VERGNE WATER SYSTEM

Interim Enhanced SWTR  
Individual Filter Records  
8/26/2009 Record Keeping, Major

10/8/2009 Notice of Violation Issued  
10/8/2009 Public Notification Requested

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**TN00006 SMYRNA WATER SYSTEM**

D/DBP Rule

Trihalomethanes

10/1/2012 MCL Violation

1/29/2013 Notice of Violation Issued  
1/29/2013 Public Notification Requested  
4/30/2013 Public Notification Received

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**SEVIER COUNTY**

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**TN00006 SEVIERVILLE WATER SYSTEM**

D/DBP Rule

Trihalomethanes

1/1/2012 MCL Violation

4/16/2012 Notice of Violation Issued  
4/16/2012 Public Notification Requested  
6/30/2012 Case  Under Development  
7/12/2012 Returned to Compliance  
9/17/2012 Letter of Agreement

4/1/2012 MCL Violation

6/30/2012 Case  Under Development  
7/12/2012 Returned to Compliance  
7/23/2012 Notice of Violation Issued  
7/23/2012 Public Notification Requested  
8/14/2012 Public Notification Received  
9/17/2012 Letter of Agreement

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**TN00081 WEARS VALLEY RANCH**

Ground Water Rule

E. Coli

10/1/2012 Follow-up Monitoring

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested  
11/28/2012 Public Notification Received  
12/31/2012 Returned to Compliance

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**SMITH COUNTY**

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**TN00000 CARTHAGE WATER SYSTEM**

Interim Enhanced SWTR

Combined Filter Turbidity

12/1/2012 Treatment Technique, Single Value

2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested  
4/30/2013 Case  Under Development

Total Coliform Rule

Total Coliforms

2/1/2012 Non-Acute MCL Violation

3/30/2012 Notice of Violation Issued  
3/30/2012 Public Notification Requested  
3/31/2012 Returned to Compliance  
4/30/2013 Case  Under Development

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**SULLIVAN COUNTY**

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**TN00000 BLUFF CITY WATER DEPARTMENT**

## D/DBP Rule

## □ haloacetic Acids

1/1/2012

Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

11/15/2012 Public Notification Received

## Trihalomethanes

1/1/2012

Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

11/15/2012 Public Notification Received

## Total Coliform Rule

## Total Coliforms

9/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

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**UNION COUNTY**

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**TN00004 MAYNARDVILLE WATER DEPT**

## Interim Enhanced SWTR

## Combined Filter Turbidity

2/1/2012

Treatment Technique, Single Value

3/2/2012 Letter of Agreement

3/5/2012 Public Notification Received

3/12/2012 Notice of Violation Issued

3/12/2012 Public Notification Requested

3/31/2012 Returned to Compliance

## Individual Filter Records

10/13/2010

Record Keeping, Major

12/16/2011 Notice of Non-Compliance

3/2/2012 Letter of Agreement

4/27/2012 Public Notification Received

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**VAN BUREN COUNTY**

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**TN00005 FALL CREEK FALLS UTILITY DIST**

## D/DBP Rule

## □ haloacetic Acids

1/1/2012

MCL Violation

9/15/2008 Director's Order

4/16/2012 Notice of Violation Issued

4/16/2012 Public Notification Requested

5/10/2012 Public Notification Received

4/1/2012

MCL Violation

9/15/2008 Director's Order

7/23/2012 Notice of Violation Issued

7/23/2012 Public Notification Requested

8/15/2012 Public Notification Received

7/1/2012

MCL Violation

10/19/2012 Notice of Violation Issued

			10/19/2012	Public Notification Requested
			11/8/2012	Public Notification Received
	10/1/2012	MCL Violation		
			1/29/2013	Notice of Violation Issued
			1/29/2013	Public Notification Requested
Trihalomethanes				
	7/1/2012	MCL Violation		
			10/19/2012	Notice of Violation Issued
			10/19/2012	Public Notification Requested
			11/8/2012	Public Notification Received
	10/1/2012	MCL Violation		
			1/29/2013	Notice of Violation Issued
			1/29/2013	Public Notification Requested

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## WASHINGTON COUNTY

### TN00003 JONESBOROUGH WATER DEPT

D/DBP Rule

Total Organic Carbon

4/1/2012 Routine Monitoring, Major

6/1/2012 Notice of Violation Issued  
6/1/2012 Public Notification Requested  
9/30/2012 Returned to Compliance  
6/1/2013 Public Notification Received

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## WAYNE COUNTY

### TN00001 CLIFTON WATER DEPT

Interim Enhanced SWTR

Individual Filter Records

12/1/2008 Record Keeping, Major

1/29/2010 Notice of Violation Issued

6/1/2009 Record Keeping, Major

1/29/2010 Notice of Violation Issued

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### TN00009 WAYNE CO. B. P. UTIL. #3

Total Coliform Rule

Total Coliforms

5/1/2012 Routine Monitoring, Major

6/30/2012 Returned to Compliance  
7/3/2012 Notice of Violation Issued  
7/3/2012 Public Notification Requested  
8/31/2012 Public Notification Received

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## WILLIAMSON COUNTY

### TN00004 MALLORY VALLEY UTILITY DISTRICT

D/DBP Rule

Chloroacetic Acids

4/1/2012 Routine Monitoring, Major

6/4/2012 Returned to Compliance  
7/23/2012 Notice of Violation Issued  
7/23/2012 Public Notification Requested

Trihalomethanes

4/1/2012

Routine Monitoring, Major

6/4/2012 Returned to Compliance

7/23/2012 Notice of Violation Issued

7/23/2012 Public Notification Requested

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## Non-Community Water Systems

### BENTON COUNTY

**TN00049 APPLE ANNIE'S CAFE**

Total Coliform Rule

Total Coliforms

10/1/2012

Routine Monitoring, Major

1/15/2013 Public Notification Received  
2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested  
3/31/2013 Returned to Compliance

**TN00043 BIRDSONG RESORT & MARINA**

Total Coliform Rule

Total Coliforms

5/1/2012

Non-Acute MCL Violation

5/4/2012 Public Notification Received  
6/29/2012 Notice of Violation Issued  
6/29/2012 Public Notification Requested  
6/30/2012 Returned to Compliance  
7/23/2012 Letter of Agreement

### BLOUNT COUNTY

**TN00051 U. S. 129 DRAGON STORE**

Total Coliform Rule

Total Coliforms

7/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested  
11/19/2012 Public Notification Received  
12/31/2012 Returned to Compliance

### CANNON COUNTY

**TN00033 SHORT MOUNTAIN BIBLE CAMP**

Date Inactivated 1/29/2013

Total Coliform Rule

Total Coliforms

10/1/2012

Routine Monitoring, Major

12/7/2012 Notice of Violation Issued  
12/7/2012 Public Notification Requested

### CARROLL COUNTY

**TN00030 CARROLL LAKE COUNTRY CLUB, INC**

Total Coliform Rule

Total Coliforms

10/1/2012

Routine Monitoring, Major

1/15/2013 Public Notification Received  
2/4/2013 Notice of Violation Issued

2/4/2013 Public Notification Requested  
3/31/2013 Returned to Compliance

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**TN00051 CONCORD BAPTIST CHURCH**

Date Inactivated 5/10/2013

Total Coliform Rule  
Total Coliforms  
10/1/2012 Routine Monitoring, Ma or

1/15/2013 Public Notification Received  
2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested  
3/31/2013 Returned to Compliance

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**TN00051 LIBERTY HILL BAPTIST CHURCH**

Total Coliform Rule  
Total Coliforms  
10/1/2012 Routine Monitoring, Ma or

1/15/2013 Public Notification Received  
2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested  
3/31/2013 Returned to Compliance

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**CARTER COUNTY**

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**TN00050 COVE CREEK CAMPGROUND**

Total Coliform Rule  
Total Coliforms  
7/1/2012 Routine Monitoring, Ma or

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

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**TN00047 ELK MILLS GRILL**

Date Inactivated 5/3/2012

Interim Enhanced SWTR  
Combined Filter Turbidity  
4/1/2012 Routine Monitoring, Ma or

6/1/2012 Notice of Violation Issued  
6/1/2012 Public Notification Requested

Long Term 1 SWTR  
Disinfectants  
4/1/2012 Monitoring, Ma or

6/1/2012 Notice of Violation Issued  
6/1/2012 Public Notification Requested

5/1/2012 Treatment Technique

5/4/2012 Notice of Violation Issued  
5/4/2012 Public Notification Requested

Total Coliform Rule  
Total Coliforms  
2/1/2012 Routine Monitoring, Ma or

3/30/2012 Notice of Violation Issued  
3/30/2012 Public Notification Requested

3/1/2012 Routine Monitoring, Ma or

5/1/2012 Notice of Violation Issued  
5/1/2012 Public Notification Requested

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**TN00024 FISH SPRINGS MARINA**

Total Coliform Rule  
Total Coliforms  
7/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

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**TN00010 JOHNSON'S CABINS**

Total Coliform Rule  
Total Coliforms  
7/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

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**TN00051 MOUNTAIN VALLEY RESTAURANT**

Total Coliform Rule  
Total Coliforms  
9/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

10/1/2012 Routine Monitoring, Major

11/30/2012 Returned to Compliance  
12/7/2012 Notice of Violation Issued  
12/7/2012 Public Notification Requested  
2/21/2013 Public Notification Received

12/1/2012 Routine Monitoring, Major

1/31/2013 Returned to Compliance  
2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested  
2/21/2013 Public Notification Received

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**COCKE COUNTY**

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**TN00051 TENT CAMPLING USA, INC.**

Inorganics  
Nitrates  
1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued  
1/30/2013 Public Notification Requested

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**CUMBERLAND COUNTY**

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**TN00047 CUMBERLAND MTN RETREAT CMPGD**

Total Coliform Rule  
Total Coliforms  
4/1/2012 Routine Monitoring, Major

7/31/2012 Notice of Violation Issued  
7/31/2012 Public Notification Requested  
9/30/2012 Returned to Compliance

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**FAYETTE COUNTY**

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**TN00021 LONGTOWN BP & RESTAURANT**

Total Coliform Rule  
Total Coliforms  
7/1/2012 Routine Monitoring, Major

10/15/2012 Letter of Agreement  
11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

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**TN00021 TUGWELL'S EXXON**

Total Coliform Rule  
Total Coliforms  
7/1/2012 Routine Monitoring, Major

10/12/2012 Public Notification Received  
10/15/2012 Letter of Agreement  
11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested  
12/31/2012 Returned to Compliance

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**GRAINGER COUNTY**

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**TN00040 CLINCH MOUNTAIN LOOKOUT REST.**

Total Coliform Rule  
Total Coliforms  
10/1/2012 Routine Monitoring, Major

2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested  
2/20/2013 Public Notification Received  
3/31/2013 Returned to Compliance

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**TN00009 HOPPER'S BLUFF SUBDIVISION**

Total Coliform Rule  
Total Coliforms  
4/1/2012 Routine Monitoring, Major

5/31/2012 Returned to Compliance  
6/1/2012 Notice of Violation Issued  
6/1/2012 Public Notification Requested  
6/8/2012 Public Notification Received

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**GREENE COUNTY**

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**TN00047 TIMBERFELL LODGE**

Total Coliform Rule  
Total Coliforms  
7/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested

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**HAMILTON COUNTY**

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**TN00041 GRASSHOPPER CREEK P.U.A.**

Total Coliform Rule  
Total Coliforms  
4/1/2012 Routine Monitoring, Major

5/31/2012 Returned to Compliance  
6/1/2012 Notice of Violation Issued  
6/1/2012 Public Notification Requested

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## HARDEMAN COUNTY

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### TN00046 NEW BETHEL BAPTIST CHURCH

Total Coliform Rule

Total Coliforms

10/1/2012 Non-Acute MCL Violation

12/7/2012 Notice of Violation Issued

12/7/2012 Public Notification Requested

3/7/2013 Letter of Agreement

11/1/2012 Non-Acute MCL Violation

1/4/2013 Notice of Violation Issued

1/4/2013 Public Notification Requested

3/7/2013 Letter of Agreement

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## HAWKINS COUNTY

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### TN00046 LAWSON CAMPGROUND

Inorganics

Nitrates

1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued

1/30/2013 Public Notification Requested

2/21/2013 Public Notification Received

2/21/2013 Returned to Compliance

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## HAYWOOD COUNTY

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### TN00012 HOOPERS I-40 EXXON

Date Inactivated 2/4/2013

Total Coliform Rule

Total Coliforms

7/1/2012 Routine Monitoring, Major

10/12/2012 Public Notification Received

10/15/2012 Letter of Agreement

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

12/31/2012 Returned to Compliance

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## HENRY COUNTY

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### TN00050 CAMP TYSON MARKET

Date Inactivated 4/25/2013

Inorganics

Nitrates

1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued

1/30/2013 Public Notification Requested

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### TN00045 CARMACK'S FISH BARN

Date Inactivated 9/4/2012

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Total Coliform Rule  
 Total Coliforms  
 1/1/2012 Routine Monitoring, Major

5/1/2012 Notice of Violation Issued  
 5/1/2012 Public Notification Requested  
 5/4/2012 Public Notification Received  
 5/8/2012 Letter of Agreement  
 6/30/2012 Returned to Compliance

**TN00051 HIDDEN CREEK CMPG/CONV. STORE**

Inorganics  
 Nitrates  
 1/1/2012 Routine Monitoring, Major  
 Nitrite  
 1/1/2012 Routine Monitoring, Major  
 Total Nitrate/Nitrite  
 1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued  
 1/30/2013 Public Notification Requested  
 1/30/2013 Notice of Violation Issued  
 1/30/2013 Public Notification Requested  
 1/30/2013 Notice of Violation Issued  
 1/30/2013 Public Notification Requested

**TN00046 KENNY'S MEAT MARKET**

Inorganics  
 Nitrates  
 1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued  
 1/30/2013 Public Notification Requested

**HUMPHREYS COUNTY**

**TN00023 FRIENDSHIP WORLD OUTREACH CH -**

Total Coliform Rule  
 Total Coliforms  
 4/1/2012 Routine Monitoring, Major

7/31/2012 Notice of Violation Issued  
 7/31/2012 Public Notification Requested

**TN00049 HAIR OF THE DOG**

Public Notification Rule  
 Public Notice  
 2/10/2012 Reporting Violation, Major

2/10/2012 Notice of Violation Issued  
 7/31/2012 Case Under Development  
 10/16/2012 Director's Order

Total Coliform Rule  
 Total Coliforms  
 1/1/2012 Routine Monitoring, Major

5/1/2012 Notice of Violation Issued  
 5/1/2012 Public Notification Requested  
 6/30/2012 Returned to Compliance  
 10/16/2012 Director's Order

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**TN00037 MASON'S BOAT DOCK**

Total Coliform Rule

Total Coliforms

4/1/2012

Routine Monitoring, Major

7/31/2012 Notice of Violation Issued

7/31/2012 Public Notification Requested

8/28/2012 Public Notification Received

9/30/2012 Returned to Compliance

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**TN00050 PINE HILL CH OF THE NAZARENE**

Total Coliform Rule

Total Coliforms

10/1/2012

Routine Monitoring, Major

2/4/2013 Notice of Violation Issued

2/4/2013 Public Notification Requested

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**JOHNSON COUNTY**

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**TN00051 FARMER'S BARBEQUE AND GRILL**

Total Coliform Rule

Total Coliforms

7/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

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**TN00049 NEVA GENERAL STORE**

Certified Operator

Operations

5/1/2012

Treatment Technique

6/1/2000 Returned to Compliance

6/30/2000 Notice of Violation Issued

6/30/2000 Public Notification Requested

2/1/2001 Director's Order

5/16/2012 Notice of Violation Issued

Total Coliform Rule

Total Coliforms

7/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

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**TN00050 SHARPIES RESTAURANT**

Total Coliform Rule

Total Coliforms

1/1/2012

Routine Monitoring, Major

5/1/2012 Notice of Violation Issued

5/1/2012 Public Notification Requested

6/30/2012 Returned to Compliance

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**KNOX COUNTY**

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**TN00043 FORT LOUDOUN YACHT CLUB**Total Coliform Rule

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Total Coliforms  
4/1/2012 Routine Monitoring, Major

7/31/2012 Notice of Violation Issued  
7/31/2012 Public Notification Requested  
8/15/2012 Public Notification Received  
9/30/2012 Returned to Compliance

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## MADISON COUNTY

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### TN00043 ANTIOCH BAPTIST CHURCH - HUMBO

Inorganics

Nitrates

1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued  
1/30/2013 Public Notification Requested

Total Coliform Rule

Total Coliforms

10/1/2012 Routine Monitoring, Major

2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested

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### TN00024 FRIENDSHIP BAPTIST ST CHURCH

Ground Water Rule

E. Coli

1/1/2012 Follow-up Monitoring

1/31/2012 Notice of Violation Issued  
1/31/2012 Public Notification Requested

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### TN00039 OLD SOUTH INN

Total Coliform Rule

Total Coliforms

7/1/2012 Routine Monitoring, Major

10/12/2012 Public Notification Received  
10/15/2012 Letter of Agreement  
11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested  
12/31/2012 Returned to Compliance

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## MARION COUNTY

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### TN00026 BATTLE CREEK CHEVRON

Inorganics

Nitrates

1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued  
1/30/2013 Public Notification Requested

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## MCMINN COUNTY

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### TN00050 CAMP LIVING STONES

Total Coliform Rule

Total Coliforms

7/31/2012 Notice of Violation Issued  
 7/31/2012 Public Notification Requested  
 9/30/2012 Returned to Compliance

**OBION COUNTY**

**TN00016 ALAMO BAPTIST CHURCH**

Total Coliform Rule  
 Total Coliforms  
 7/1/2012 Routine Monitoring, Major

10/5/2012 Letter of Agreement  
 10/5/2012 Public Notification Received  
 11/1/2012 Notice of Violation Issued  
 11/1/2012 Public Notification Requested  
 12/31/2012 Returned to Compliance

**POLK COUNTY**

**TN00050 HIWASSEE ANGLER**

Ground Water Rule  
 E. Coli  
 7/1/2012 Follow-up Monitoring

6/28/2012 Public Notification Received  
 7/31/2012 Notice of Violation Issued  
 7/31/2012 Public Notification Requested  
 9/20/2012 Compliance Review Meeting  
 12/31/2012 Returned to Compliance

Total Coliform Rule  
 Total Coliforms  
 6/1/2012 Non-Acute MCL Violation

6/28/2012 Public Notification Received  
 9/20/2012 Compliance Review Meeting  
 9/30/2012 Returned to Compliance

7/1/2012 Non-Acute MCL Violation

8/31/2012 Notice of Violation Issued  
 8/31/2012 Public Notification Requested  
 9/20/2012 Compliance Review Meeting  
 9/30/2012 Returned to Compliance

8/1/2012 Routine Monitoring, Major

9/20/2012 Compliance Review Meeting  
 9/30/2012 Returned to Compliance  
 10/1/2012 Notice of Violation Issued  
 10/1/2012 Public Notification Requested

**TN00051 RAFT ONE WHITEWATER**

Total Coliform Rule  
 Total Coliforms  
 4/1/2012 Routine Monitoring, Major

7/31/2012 Notice of Violation Issued  
 7/31/2012 Public Notification Requested  
 9/30/2012 Returned to Compliance

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**SEVIER COUNTY**

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**TN00014 KING BRANCH CHURCH OF CHRIST**

Inorganics

Nitrates

1/1/2012

Routine Monitoring, Major

1/30/2013 Notice of Violation Issued

1/30/2013 Public Notification Requested

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**STEWART COUNTY**

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**TN00049 BROWNFIELD COUNTRY STORE**Date Inactivated  5/9/2013

Total Coliform Rule

Total Coliforms

7/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

10/1/2012

Routine Monitoring, Major

2/4/2013 Notice of Violation Issued

2/4/2013 Public Notification Requested

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**SULLIVAN COUNTY**

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**TN00026 BAYS MTN PARK WATER SYSTEM**

Total Coliform Rule

Total Coliforms

7/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

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**TN00048 CHRIST FELLOWSHIP CHURCH**

Total Coliform Rule

Total Coliforms

7/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

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**TN00047 HOLSTON LAKEVIEW CAMPGROUND**Date Inactivated  3/1/2013

Total Coliform Rule

Total Coliforms

7/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

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**TN00048 RIVER'S WAY OUTDOOR ADVENTURE**

Total Coliform Rule

Total Coliforms

7/1/2012

Routine Monitoring, Major

11/1/2012 Notice of Violation Issued

11/1/2012 Public Notification Requested

3/31/2013 Returned to Compliance

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10/1/2012 Routine Monitoring, Major

2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested  
2/20/2013 Public Notification Received  
3/31/2013 Returned to Compliance

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**TIPTON COUNTY**

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**TN00034 COVINGTON MUNICIPAL AIRPORT**

Ground Water Rule  
E. Coli

1/1/2012 Follow-up Monitoring

12/12/2011 Public Notification Received  
1/31/2012 Notice of Violation Issued  
1/31/2012 Public Notification Requested  
3/31/2012 Returned to Compliance

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**UNICOI COUNTY**

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**TN00017 COFFEE RIDGE MISS BAPTIST CHUR**

Total Coliform Rule  
Total Coliforms

7/1/2012 Routine Monitoring, Major

10/1/2012 Routine Monitoring, Major

11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested  
1/4/2013 Notice of Violation Issued  
1/4/2013 Public Notification Requested

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**UNION COUNTY**

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**TN00014 ALDER SPRINGS BAPTIST CHURCH**

Total Coliform Rule  
Total Coliforms

1/1/2012 Routine Monitoring, Major

5/1/2012 Notice of Violation Issued  
5/1/2012 Public Notification Requested  
6/15/2012 Public Notification Received  
6/24/2012 Public Notification Received  
6/30/2012 Returned to Compliance  
3/10/2013 Public Notification Received

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**TN00042 LOYSTON POINT P.U.A.,TVA**

Total Coliform Rule  
Total Coliforms

4/1/2012 Routine Monitoring, Major

7/31/2012 Notice of Violation Issued  
7/31/2012 Public Notification Requested  
8/1/2012 Public Notification Received  
9/30/2012 Returned to Compliance

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**WASHINGTON COUNTY**

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**TN00048 BUFFALO MOUNTAIN CAMP**Date Inactivated  8/7/2012

Total Coliform Rule

Total Coliforms

1/1/2012

Routine Monitoring, Major

5/1/2012 Notice of Violation Issued

5/1/2012 Public Notification Requested

6/30/2012 Returned to Compliance

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**WAYNE COUNTY**

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**TN00047 TENNESSEE FITNESS SPA**

Long Term 2 SWTR

Cryptosporidium

2/1/2012

Initial Round 1 Monitoring

5/15/2012 Notice of Violation Issued

5/15/2012 Public Notification Requested

7/31/2012 Case  Under Development

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**WEAKLEY COUNTY**

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**TN00036 PERSIMMON HILLS GOLF COURSE**

Total Coliform Rule

Total Coliforms

10/1/2012

Routine Monitoring, Major

1/18/2013 Public Notification Received

2/4/2013 Notice of Violation Issued

2/4/2013 Public Notification Requested

3/31/2013 Returned to Compliance

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**WILLIAMSON COUNTY**

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**TN00037 CAMP MARYMOUNT**

Interim Enhanced SWTR

Combined Filter Turbidity

5/1/2012

Routine Monitoring, Major

6/29/2012 Notice of Violation Issued

6/29/2012 Public Notification Requested

6/30/2012 Returned to Compliance

Long Term 1 SWTR

Disinfectants

5/1/2012

Monitoring, Major

6/29/2012 Notice of Violation Issued

6/29/2012 Public Notification Requested

6/30/2012 Returned to Compliance

Total Coliform Rule

Total Coliforms

5/1/2012

Routine Monitoring, Major

6/29/2012 Notice of Violation Issued

6/29/2012 Public Notification Requested

6/30/2012 Returned to Compliance

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8/1/2012 Repeat Monitoring , Major

9/30/2012 Returned to Compliance

10/1/2012 Notice of Violation Issued

10/1/2012 Public Notification Requested

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## Non-Transient Non-Community Water Systems

### CARROLL COUNTY

#### TN00047 ANN AND ANDY'S DAY CARE CENTER

Total Coliform Rule

Total Coliforms

10/1/2012 Routine Monitoring, Major

1/15/2013 Public Notification Received  
2/4/2013 Notice of Violation Issued  
2/4/2013 Public Notification Requested  
3/31/2013 Returned to Compliance

### CHESTER COUNTY

#### TN00012 JACKS CREEK ELEMENTARY SCHOOL

Total Coliform Rule

Total Coliforms

7/1/2012 Routine Monitoring, Major

10/9/2012 Public Notification Received  
10/11/2012 Letter of Agreement  
11/1/2012 Notice of Violation Issued  
11/1/2012 Public Notification Requested  
12/31/2012 Returned to Compliance

### FAYETTE COUNTY

#### TN00021 KELLOGG'S CONVENIENCE FOODS

Inorganics

Nitrates

1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued  
1/30/2013 Public Notification Requested

### FRANKLIN COUNTY

#### TN00051 LHOIST NORTH AMERICA

Total Coliform Rule

Total Coliforms

5/1/2012 Actual MCL Violation

6/1/2012 Public Notification Received  
6/29/2012 Notice of Violation Issued  
6/29/2012 Public Notification Requested  
6/30/2012 Returned to Compliance

10/1/2012 Non-Acute MCL Violation

12/7/2012 Notice of Violation Issued  
12/7/2012 Public Notification Requested

### HAWKINS COUNTY

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**TN00051 CLINCH K-12 SCHOOL (NEW BUILDI**

## D/DBP Rule

## □aloacetic Acids

1/1/2012 Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

## Trihalomethanes

1/1/2012 Routine Monitoring, Major

10/23/2012 Notice of Violation Issued

10/23/2012 Public Notification Requested

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**HENRY COUNTY****TN00029 SPINKS CLAY CO.**

## Inorganics

## Nitrates

1/1/2012 Routine Monitoring, Major

1/30/2013 Notice of Violation Issued

1/30/2013 Public Notification Requested

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**HICKMAN COUNTY****TN00049 ACCURATE ENERGETIC SYSTEMS**

## Ground Water Rule

## E. Coli

10/1/2012 Follow-up Monitoring

11/5/2012 Notice of Violation Issued

11/5/2012 Public Notification Requested

11/13/2012 Compliance Review Meeting

11/13/2012 Letter of Agreement

11/16/2012 Public Notification Received

12/31/2012 Returned to Compliance

11/1/2012 Follow-up Monitoring

11/13/2012 Compliance Review Meeting

11/13/2012 Letter of Agreement

11/14/2012 Notice of Violation Issued

11/14/2012 Public Notification Requested

11/16/2012 Public Notification Received

12/31/2012 Returned to Compliance

## Total Coliform Rule

## Total Coliforms

8/1/2012 Non-Acute MCL Violation

8/21/2012 Notice of Violation Issued

8/21/2012 Public Notification Requested

11/13/2012 Compliance Review Meeting

11/13/2012 Letter of Agreement

9/1/2012 Non-Acute MCL Violation

11/5/2012 Notice of Violation Issued

11/5/2012 Public Notification Requested

11/13/2012 Compliance Review Meeting

11/13/2012 Letter of Agreement

11/16/2012 Public Notification Received

3/31/2013 Returned to Compliance

10/1/2012 Non-Acute MCL Violation

11/13/2012 Compliance Review Meeting

11/13/2012	Letter of Agreement
11/14/2012	Notice of Violation Issued
11/14/2012	Public Notification Requested
11/16/2012	Public Notification Received
12/31/2012	Returned to Compliance

## HUMPHREYS COUNTY

### TN00037 E.I. DUPONT, NEW JOHNSONVILLE

Interim Enhanced SWTR

Combined Filter Turbidity

5/1/2012 Treatment Technique, Single Value

6/29/2012	Notice of Violation Issued
6/29/2012	Public Notification Requested
6/30/2012	Returned to Compliance
9/13/2012	Public Notification Received

7/1/2012 Treatment Technique, Single Value

4/26/2013	Notice of Violation Issued
4/26/2013	Public Notification Requested
5/9/2013	Public Notification Received

9/1/2012 Treatment Technique, Single Value

11/1/2012	Notice of Violation Issued
11/1/2012	Public Notification Requested

11/1/2012 Treatment Technique, Single Value

11/19/2012	Public Notification Received
12/12/2012	Notice of Violation Issued
12/12/2012	Public Notification Requested
12/31/2012	Returned to Compliance

### TN00034 SCEPTER INGOT CASTING, INC.

Total Coliform Rule

Total Coliforms

7/1/2012 Routine Monitoring, Ma or

11/1/2012	Notice of Violation Issued
11/1/2012	Public Notification Requested

## JOHNSON COUNTY

### TN00039 SHADY VALLEY SCHOOL

Total Coliform Rule

Total Coliforms

7/1/2012 Routine Monitoring, Ma or

11/1/2012	Notice of Violation Issued
11/1/2012	Public Notification Requested

## MACON COUNTY

### TN00051 NESTLE WATERS NORTH AMERICA

D/DBP Rule

haloacetic Acids

1/1/2012 Routine Monitoring, Ma or

10/23/2012	Notice of Violation Issued
10/23/2012	Public Notification Requested

Trihalomethanes  
1/1/2012 Routine Monitoring, Major

10/23/2012 Notice of Violation Issued  
10/23/2012 Public Notification Requested

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## MCMINN COUNTY

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### TN00043 RESOLUTE FOREST PRODUCTS

D/DBP Rule

Total Organic Carbon  
4/1/2012 Routine Monitoring, Major

8/31/2012 Notice of Violation Issued  
8/31/2012 Public Notification Requested

7/1/2012 Routine Monitoring, Major

10/1/2012 Notice of Violation Issued  
10/1/2012 Public Notification Requested

Interim Enhanced SWTR

Combined Filter Turbidity  
8/1/2012 Routine Monitoring, Major

9/30/2012 Returned to Compliance  
10/1/2012 Notice of Violation Issued  
10/1/2012 Public Notification Requested

Long Term 1 SWTR

Disinfectants  
8/1/2012 Monitoring, Major

9/30/2012 Returned to Compliance  
10/1/2012 Notice of Violation Issued  
10/1/2012 Public Notification Requested

Long Term 2 SWTR

BIN Reports  
1/1/2012 Failure to submit BIN report

5/15/2012 Notice of Violation Issued  
5/15/2012 Public Notification Requested

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## SHELBY COUNTY

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### TN00049 BLUES CITY BREWERY, LLC

VOCs

21 - VOC Contaminants  
4/1/2012 Routine Monitoring, Major

7/10/2012 Returned to Compliance  
7/27/2012 Notice of Violation Issued  
7/27/2012 Public Notification Requested  
8/1/2012 Public Notification Received

