



Division of Water Resources

2019 Annual Compliance Report

Foreword

The 1996 Amendments of the Federal Safe Drinking Water Act requires States with drinking water primacy to prepare and submit to EPA an annual report regarding public water system violations. Further, the report is to be published and made available for public review. The Tennessee Department of Environment and Conservation, Division of Water Resources, has prepared this report to provide the required information to EPA and to the general population.

This year's report covers the calendar year 2019 and contains three major sections: a narrative description of the Division's oversight of public drinking water systems; a summary of violations regarding each contaminant (Appendix A); and a detailed listing of public drinking water systems with violations meeting the criteria to be included in the report (Appendix B). Only treatment technique, maximum contaminant level and significant monitoring violations that have not returned to compliance (i.e. violations that have not been corrected) occurring within or extending into 2019 are included.

Most of the water systems and operators in Tennessee are very conscientious about the quality of water provided to their customers. However, situations do occur that result in monitoring violations caused by either an oversight on the part of the water utility or due to newly implemented monitoring requirements or standards. Most of the health-based violations that occurred during 2019 were determined in the disinfection by product rules, where compliance with the standards is location specific.

The Division has worked with water utility managers/owners and operators to address each of the violations included in this report. Site visits and technical guidance are the first steps utilized by the Division to achieve compliance with the regulations. In certain situations, it becomes necessary to initiate formal enforcement action and establish compliance schedules in order to have a system return to compliance.

The Division hopes this report provides violation information in a concise and easy to understand manner. If you have questions concerning the information contained in this report, please contact your local water utility, the nearest Division's Regional Environmental Field Office at 1-888-891-8332, or the Nashville Central Office at 615-532-0625.

Safe Drinking Water Act

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 as Maximum Contaminant Levels (MCLs).

The SDWA also establishes treatment techniques, in lieu of maximum contaminant levels, for certain contaminants that are difficult for laboratories to measure. For example, treatment techniques have been established for giardia lamblia, cryptosporidium, viruses, heterotrophic bacteria, Legionella, and turbidity. In addition, the SDWA regulates how frequently public water systems must monitor and report the results of monitoring for contaminants that may be present in the drinking water, as well as the effectiveness of treatment processes.

A public water system is required to monitor and verify that the levels of contaminants present in the water do not exceed an established maximum contaminant level. 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, more frequent monitoring and reporting is required. Additionally, the SDWA requires public water systems to notify the public when they have violated these regulations. The 1996 Amendments to the SDWA require public notification to include a clear and understandable explanation of the nature of the violation, its potential adverse health effects, the steps that the public water system is undertaking to correct the violation and the possibility of alternative water supplies.

The SDWA applies to all fifty (50) States and U.S. territories, 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 SDWA and regulations promulgated pursuant to the Act. The State of Tennessee received primacy in 1977 and assumes primary enforcement responsibility for public water systems operating in Tennessee.

Public Water Systems

The SDWA defines a “public water system” as 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:

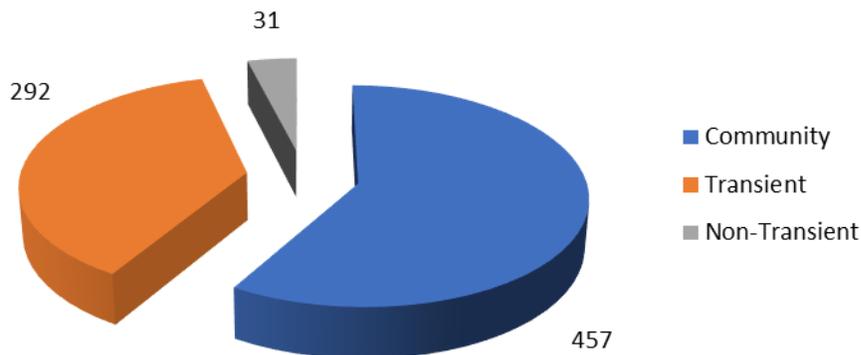
- (i) Any collection, treatment, storage or distribution facility under control of the operator of such system and used primarily in connection with such system; and
- (ii) Any collection or pretreatment storage facility not under such control which is used primarily in connection with such system.

The Division of Water Resources currently possesses regulatory responsibility for approximately 780 public water systems throughout the state. A “Public Water System”, as defined above, is either a “community water system” or a “non-community water system”.

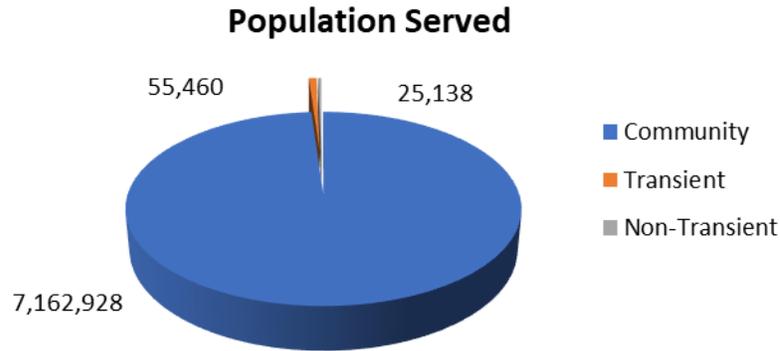
“Community Water System” means a public water system that serves at least fifteen (15) service connections used by year-round residents. Examples are municipalities and utility districts.

“Non-Community Water System” means a public water system that is not a community water system. This type of water system is further defined as either “Non-Transient”, serving the same people each day; and “Transient”, which serves a different group of people each day.

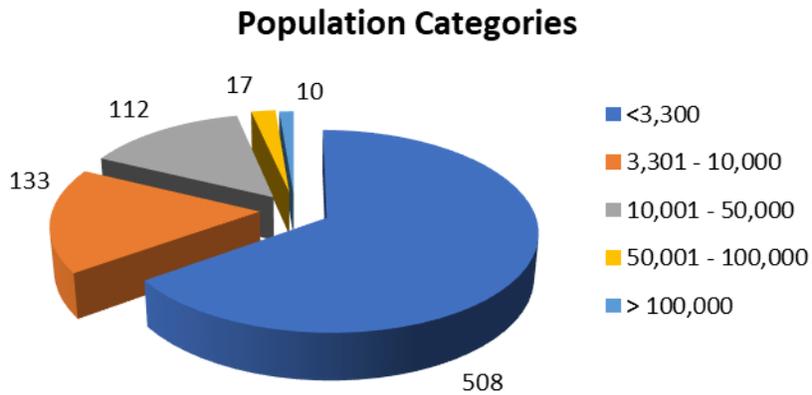
Tennessee Public Water Systems



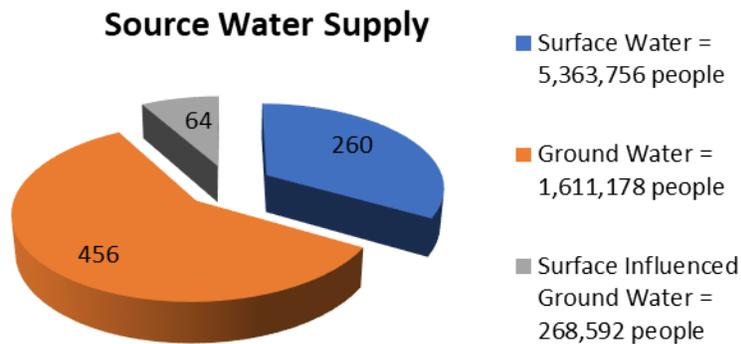
Combined, all of Tennessee public water systems (community, transient and non-transient) serve an estimated population in excess of 7,240,000 individuals.



The 10 largest public water systems in Tennessee serve over 2,600,000 people. In contrast, there are 508 water systems, which serve less than 3,300 people each, providing drinking water to an estimated 308,000 people.



Public water systems utilizing ground water sources are the most prevalent in Tennessee. However, surface water is provided to most of Tennessee's population.



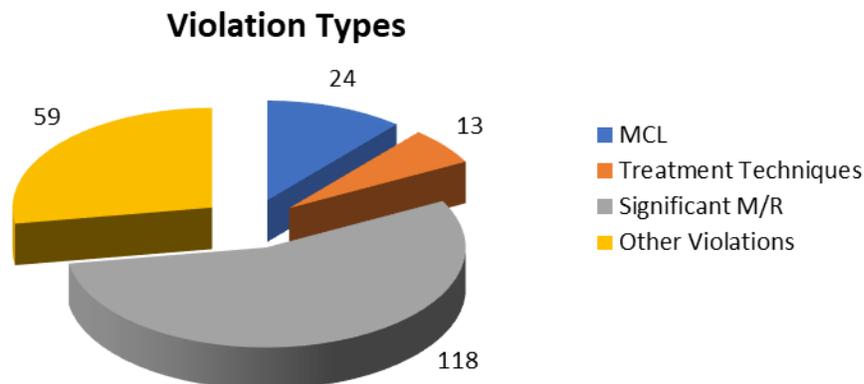
Violation Information

Primacy States, such as Tennessee, 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 quarterly data submittal to the EPA, the 1996 Amendments of the Federal SDWA require States with primacy to prepare and submit an annual report to EPA regarding public water system violations. Further, states with primacy are required to publish and distribute summaries of their reports. After the submittal of the state reports, EPA evaluates and summarizes the reports in an annual national report.

The Annual Compliance Reports, submitted by the Division to both the public and EPA are required to encompass violations pertaining to (1) maximum contaminant levels, (2) treatment requirements, (3) variances and exemptions, and (4) significant monitoring and reporting violations. This report includes those violation types listed above, that occurred during the 2019 calendar year, or were identified prior to calendar year 2019 and remain uncorrected into 2019. It is important to note that the State of Tennessee does not utilize variances and/or exemptions with respect to primary drinking water regulations.

For the calendar year 2019, a total of 214 individual violations met the criteria to be included in this year's report.



Appendix A to this report provides a summary compilation of violations regarding each contaminant. Appendix B provides a detailed listing of public water systems with significant monitoring, significant reporting, treatment technique and MCL violations.

Definitions

To aid in the interpretation and understanding of the data included in this year's report, the following definitions are offered:

Consumer Confidence Report (CCR): By July 1st of each year, every community public water system is required to prepare and distribute a 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.

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

"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.

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.

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.

"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.

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

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.

Revised Total Coliform rule: Effective on April 1, 2016, revisions to the existing Total Coliform Rule required water systems to revise their bacteriological sampling plans, modified the existing Total MCL to an E.coli MCL, added treatment technique violations, and assessment requirements following certain conditions.

“Significant Monitoring Violations” are generally defined as a monitoring violation that occurred when no samples were taken, or no results were reported during a compliance period.

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.

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

Trihalomethanes (THMs) and Haloacetic Acids (HAAs): 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.

MICROBIOLOGICAL DATA

Microbiological contaminant sampling is conducted by all public water systems in Tennessee 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.

The Revised Total Coliform Rule became effective April 1, 2016 and modified several elements of the bacteriological sampling and monitoring requirements. The rule established Treatment Technique violations based on total coliforms and the presence of E.coli, and an MCL for E.coli. Assessments and corrective actions are required based on monitoring results reported, and seasonal Non-Community water systems are required to perform startup procedures prior to opening for the season.

All samples containing total coliforms must be analyzed for the presence of E.coli bacteria. The results of all routine and repeat samples are included in determining compliance with treatment techniques, which may identify the need for corrective actions and assessments. The maximum contaminant level is based on the presence or absence of E.coli in a sample.

If any repeat sample is E.coli-positive, or if any repeat sample is total coliform-positive following an E.coli-positive routine sample, an E.coli MCL violation 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, the water system is required to perform a Level 1 assessment. Further, for systems collecting fewer than forty (40) samples per month, if more than one (1) sample collected yields a total coliform-positive the water system is required to perform a Level 1 assessment. For systems that incur an E.coli MCL violation, a Level 2 assessment must be conducted.

Failure by a public water system to perform the required monitoring, corrective action, or assessment constitutes a significant monitoring violation.

Appendix B provides detail information for MCL and significant monitoring violations at each Tennessee public water system.

SURFACE WATER TREATMENT RULES

The Enhanced Surface Water Treatment Rule (ESWTR), the Long Term 1 Enhanced Surface Water Treatment Rule (LT1 ESWTR) and the Long Term 2 Surface Water Treatment Rule (LT2SWTR) utilizes and establishes treatment techniques in lieu of maximum contaminant levels for Giardia lamblia, cryptosporidium, viruses, heterotrophic plate count bacteria, Legionella, and turbidity. 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. 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.

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 were required to conduct an initial round of sampling of their untreated source water for the presence of Cryptosporidium and/or E.coli bacteria. Results from this initial round were used to determine if additional treatment of the source water was required. The second round of source water monitoring is complete for most public water systems in Tennessee.

Treatment technique and significant monitoring violations pertaining to any of the applicable Surface Water Treatment Rules are included in the detailed listing of violations provided in Appendix B.

INORGANIC CONTAMINANTS VIOLATIONS

Inorganic contaminant sampling is conducted by all public water systems in Tennessee 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.).

Significant monitoring violations pertaining to any of the inorganic contaminants are included in the detailed listing of violations provided in Appendix B. During the calendar year 2019, there were no public water systems that incurred a maximum contaminant level violation regarding inorganic contaminants.

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, 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.

Significant monitoring violations pertaining to any of the organic contaminants are included in the detailed listing of violations provided in Appendix B. During the calendar year 2019, there were no public water systems that incurred a maximum contaminant level violation regarding organic contaminants.

DISINFECTION BY-PRODUCT and BY-Product PRECURSOR VIOLATIONS

Trihalomethane (THM) 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 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. Compliance with MCLs is determined at each sampling location individually and is calculated as a running annual average of the results reported for each monitoring period.

MCL and significant monitoring violations pertaining to disinfectants, disinfection by-products and disinfection by-product precursors are included in the detailed listing of violations provided in Appendix B.

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 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.

Violations for failure to monitor, failure to provide public education materials and failure to notify customers of sample results incurred during the calendar year 2019, are included in the detailed listing of violations provided in Appendix B.

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 ensure 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 achieves 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 RESOURCES
ENFORCEMENT ACTION
SUMMARY**

The Department of Environment and Conservation and the Division of Water Resources are both granted authority by the Tennessee Safe Drinking Water Act, to initiate enforcement action and issue administrative orders regarding violations of the Tennessee Safe Drinking Water Act.

In order to address non-compliance issues the Division of Water Resources utilizes a number of enforcement mechanisms which include: Compliance Status Notifications, Notices of Violation (NOVs) and/or Notices of Non- Compliance (NONCs); technical assistance and training; Compliance Review (CRM) and/or Show Cause meetings (SCM); and issuance of administrative orders and assessments which contain monetary civil penalties.

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.

Most violations incurred by water utilities are addressed and corrected prior to the necessity for issuance of an Administrative Order. With technical assistance and training provided by the division, most water systems can return to compliance. However, there are water systems that incurred violations that were not adequately 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
2019 Annual Compliance Report
Violations Summary
Appendix A

State of Tennessee
2019 Annual Compliance Report
Violations Summary

	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations		Individual Systems in Violation ¹
	Number of Violations	Number of Systems	Number of Violations	Number of Systems	Number of Violations	Number of Systems ¹	
Volatile Organics	0	0			21	1	1
Synthetic Organics	0	0			8	3	3
Inorganics	0	0			2	2	2
Radionuclides	0	0			0	0	0
Revised Total Coliform Rule	0	0	2	2	30	27	29
Surface Water Treatment Rules			10	9	37	19	28
D/DBP Rules (Stages 1 & 2)	24	10	1	1	14	9	19
Filter Backwash Recycle Rule			0	0	0	0	0
Lead and Copper Rule			0	0	37	21	21
Consumer Confidence Reports					15	15	15
Public Notification Rule					1	1	1
Ground Water Rule			0	0	12	5	5
Violations in 2019	24		13		177		
Number of Individual Systems in Violation per Violation Type		10		12		85	
Number of Individual Systems in Violation for All Rules	102						

 Shaded Area Indicates Violation Type Not Applicable to Rule

- 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
2019 Annual Compliance Report
Total Coliform Rules (TCR and RTCR)
Violations Summary

SDWIS Codes	MCL	MCL Violations		Treatment Technique Violations		Significant Monitoring Violations		
		Number of Violations	Number of Systems ¹	Number of Violations	Number of Systems	Number of Violations	Number of Systems ¹	
<u>Revised Total Coliform Rule²</u>								
1A	E.Coli MCL	Presence	0	0				
2A, 2B, 2C, 2D	Treatment Techniques				2	2		
3A, 3B, 3C, 3D	Monitoring						30	27
4A, 4B, 4C, 4D, 4E, 4F	Reporting						0	0
5A, 5B	Record Keeping						0	0
Total Number of Violations			0		2		30	
Number of Individual Systems With Violations ¹				0		2		27
Total Number of TCR/rTCR Violations			32					
Total Number of Individual Systems With TCR /rTCR Violations ¹			29					

 Shaded Area Indicates Violation Type Not Applicable to Rule

- 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
2019 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 ¹
Surface Water Treatment Rule (SWTR)								
36	SWTR Monitoring						3	2
41	Treatment Technique				0	0		
42	Failure to Filter				0	0		
Interim Enhanced SWTR (IESWTR)								
09	Record Keeping for Individual Filter						27	16
29	Filter Exceedance Follow-Up Reports						0	0
38	Routine Monitoring						3	2
43	Single Combined Filter Effluent				2	2		
44	Monthly Combined Filter Effluent				2	1		
LT2 Enhanced SWTR (LT2EWSTR)								
32	Source Water Monitoring /Plan						4	1
33	BIN Report (Health Based)				6	6		
Total Number of Violations					10		37	
Number of Individual Systems With Violations						9		19
Total Number of SWTR Violations			47					
Total Number of Individual Systems With SWTR Violations			28					

 Shaded Area Indicates Violation Type Not Applicable to Rule

- 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
2019 Annual Compliance Report
Inorganic Contaminants (IOCs)
Violations Summary

SDWIS Codes	Inorganic Contaminants	MCL ¹	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 ²
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			2	2
1038	Total Nitrate, Nitrite	10 (as nitrogen)	0	0			0	0
1041	Nitrite	10 (as nitrogen)	0	0			0	0
1045	Selenium	0.05	0	0			0	0
1085	Thallium	0.002	0	0			0	0
Total Number of Violations			0				2	
Number of Individual Systems in Violation				0				2
Total Number of Individual Systems With Inorganic Violations			2					

 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
2019 Annual Compliance Report
Synthetic Organic Contaminants (SOCs)
Violations Summary

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

(Continued on next page)

State of Tennessee
2019 Annual Compliance Report
Synthetic Organic Contaminants (SOCs)
Violations Summary

SDWIS Codes	Synthetic Organic Chemicals	MCL ¹	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 ²
2065	Heptachlor	0.0004	0	0				
2067	Heptachlor epoxide	0.0002	0	0				
2274	Hexachlorobenzene	0.001	0	0				
2042	Hexachlorocyclopentadiene	0.05	0	0				
2010	Lindane	0.0002	0	0				
2015	Methoxychlor	0.04	0	0				
2036	Oxamyl (Vydate)	0.2	0	0				
2326	Pentachlorophenol	0.001	0	0				
2040	Picloram	0.5	0	0			1	1
2383	Polychlorinated biphenyls	0.0005	0	0				
2037	Simazine	0.004	0	0			2	2
2020	Tozaphene	0.003	0	0				
Number of Violations			0		0		6	
Number of Individual Systems in Violation				0		0		2
Total Number of Violations			6					
Total Number of Individual Systems In Violation			2					

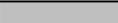
 Shaded Area Indicates Violation Type Not Applicable to Rule

1. Values are in Milligrams per Liter (mg.L), unless otherwise specified.
2. 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
2019 Annual Compliance Report
Volatile Organic Contaminants (VOCs)
Violations Summary

SDWIS Codes	Volatile Organic Chemicals	MCL ^{1.}	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 ^{2.}
2977	1,1-Dichloroethylene	0.007	0	0			1	1
2981	1,1,1-trichloroethane	0.2	0	0			1	1
2985	1,1,2-trichloroethane	0.005	0	0			1	1
2980	1,2-dichloroethane	0.005	0	0			1	1
2983	1,2-dichloropropane	0.005	0	0			1	1
2378	1,2,4-trichlorobenzene	0.07	0	0			1	1
2990	Benzene	0.005	0	0			1	1
2982	Carbon Tetrachloride	0.005	0	0			1	1
2380	Cis-1,2-Dichloroethylene	0.07	0	0			1	1
2964	Dichloromethane	0.005	0	0			1	1
2992	Ethylbenzene	0.7	0	0			1	1
2989	Monochlorobenzene	0.1	0	0			1	1
2968	o-Dichlorobenzene	0.6	0	0			1	1
2969	Para-dichlorobenzene	0.075	0	0			1	1
2996	Styrene	0.1	0	0			1	1
2987	Tetrachloroethylene	0.005	0	0			1	1
2991	Toluene	1	0	0			1	1
2979	Trans-1,2-Dichloroethylene	0.1	0	0			1	1
2984	Trichloroethylene	0.005	0	0			1	1
2976	Vinyl chloride	0.002	0	0			1	1
2955	Xylenes (total)	10	0	0			1	1
Number of Violations			0				21	
Number of Individual Systems in Violation				0				1
Total Number of Violations					21			
Total Number of Individual Systems In Violation					1			

 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
2019 Annual Compliance Report
Disinfectants and Disinfection Byproducts Rules (D/DBP)
Violations Summary

SDWIS Codes		MCL ¹	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 ²
Stage 1 (D/DBP)								
0400	Disinfection Byproduct Monitoring				1	1		
0999	Chlorine (MRDL)	4	0	0			0	0
1009	Chlorite	1	0	0			0	0
2920	Total Organic Carbon				0	0	2	2
Stage 2 (D/DBP)								
2456	Total Haloacetic Acids	0.060	13	5			7	7
2950	Total Trihalomethanes	0.080	11	7			5	5
Number of Violations			24		1		14	
Number of Individual Systems in Violation				10		1		9
Total Number of Violations			39					
Total Number of Individual Systems In Violation			19					

 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
2019 Annual Compliance Report
Lead and Copper Rule
Violations Summary

SDWIS Codes	Lead and Copper Rule	MCL ¹	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 ³
51	Initial Lead and Copper Tap M/R ²						7	5
52	Follow-up or Routine Tap M/R						2	2
53	Water Quality Parameters						11	7
57	Optimal Corrosion Control / Source Water Treatment Study						2	2
58	Optimal Corrosion Control / Source Water Treatment Demonstration				0	0		
65	Public Education						0	0
66	Consumer Notice						15	15
Number of Violations					0		37	
Number of Individual Systems in Violation						0		21
Total Number of Violations			37					
Total Number of Individual Systems In Violation			21					

 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
2019 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	15	15

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
2019 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 ^{1.}
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 th 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
2019 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	1	1

For detailed information see Appendix B

State of Tennessee
2019 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 ¹
31, 34	Monitoring Violation						12	5
41	Treatment Technique				0	0		
Total Number of Violations			12					
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
2019 Annual Compliance Report
Detailed Violations
Appendix B

2019 Annual Compliance Report

Violation Details

Community Water Systems

ANDERSON COUNTY

TN0000514	ANDERSON COUNTY WATER AUTHORITY	Popul Group: Medium
	Long Term 2 SWTR BIN Reports 4/1/2019 Failure to submit BIN report	4/11/2019 Notice of Violation Issued 4/11/2019 Public Notification Requested

TN0000513	NORRIS WATER COMMISSION	Popul Group: Very Small
	D/DBP Rule Haloacetic Acids 4/1/2019 Routine Monitoring, Major	4/15/2020 Public Notification Performed

TN0000522	OAK RIDGE DEPT OF PUBLIC WORKS	Popul Group: Medium
	Long Term 2 SWTR BIN Reports 4/1/2019 Failure to submit BIN report	4/11/2019 Notice of Violation Issued 4/11/2019 Public Notification Requested

BLOUNT COUNTY

TN0008285	BLACKBERRY MOUNTAIN L.L.C.	Popul Group: Very Small
	Lead /Copper Rule Lead / Copper * 1/1/2017 Consumer Notification	11/15/2018 Notice of Violation Issued 11/15/2018 Public Notification Requested

CAMPBELL COUNTY

TN0000912	DEERFIELD RESORT WATER SYSTEM	Popul Group: Very Small
	Consumer Confidence Report Rule Consumer Confidence Report 7/1/2019 Reporting Violation, Major	11/13/2019 Returned to Compliance
	Ground Water Rule Disinfection 2/1/2019 Continuous or Grab Monitoring	4/18/2019 Director's Order 4/18/2019 Notice of Violation Issued 4/18/2019 Public Notification Requested

* Violation occurred prior to 2019, but extended into the 2019 calendar year.

	3/1/2019	Continuous or Grab Monitoring	4/18/2019	Director's Order
			5/14/2019	Notice of Violation Issued
			5/14/2019	Public Notification Requested
	4/1/2019	Continuous or Grab Monitoring	4/18/2019	Director's Order
			6/11/2019	Notice of Violation Issued
			6/11/2019	Public Notification Requested
	5/1/2019	Continuous or Grab Monitoring	4/18/2019	Director's Order
	7/1/2019	Continuous or Grab Monitoring	4/18/2019	Director's Order
			9/19/2019	Notice of Violation Issued
			9/19/2019	Public Notification Requested
Lead /Copper Rule				
Lead / Copper				
	1/1/2019	Consumer Notification	4/18/2019	Director's Order
			9/5/2019	Notice of Violation Issued
			9/5/2019	Public Notification Requested
	1/1/2019	Followup Monitoring	4/18/2019	Director's Order
			9/5/2019	Notice of Violation Issued
			9/5/2019	Public Notification Requested
	1/1/2019	Water Quality Parameters	4/18/2019	Director's Order
			9/5/2019	Notice of Violation Issued
			9/5/2019	Public Notification Requested

CARTER COUNTY

TN0000282	HAMPTON UTILITY DISTRICT	Popul Group:	Small
	Ground Water Rule		
	Disinfection		
	9/1/2019	Continuous or Grab Monitoring	11/12/2019
			Notice of Violation Issued
			11/12/2019
			Public Notification Requested

TN0000646	SOUTH ELIZABETHTON UTILITY DIS	Popul Group:	Small
	Lead /Copper Rule		
	Lead / Copper		
	* 1/1/2017	Consumer Notification	12/4/2018
			Notice of Violation Issued
			12/4/2018
			Public Notification Requested

TN0008278	WATAUGA RIVER REGIONAL WATER A	Popul Group:	Very Small
	Consumer Confidence Report Rule		
	Consumer Confidence Report		
	7/1/2019	Reporting Violation, Major	11/12/2019
			Notice of Violation Issued

CLAIBORNE COUNTY

TN0000826 CLEARFORK UTILITY DISTRICT Popul Group: Very Small

Revised Total Coliform Rule
 Total Coliforms
 10/1/2019 Routine Monitoring

12/20/2019 Notice of Violation Issued
 12/20/2019 Public Notification Requested

TN0000161 CUMBERLAND GAP WATER SERVICES Popul Group: Very Small

Consumer Confidence Report Rule
 Consumer Confidence Report
 7/1/2019 Reporting Violation, Major

11/12/2019 Notice of Violation Issued

CLAY COUNTY

TN0000573 NORTHWEST CLAY COUNTY UTILITY Popul Group: Small

Interim Enhanced SWTR
 Individual Filter Records

* 1/1/2015	Record Keeping, Major	10/20/2016	Director's Order
* 3/1/2015	Record Keeping, Major	10/20/2016	Director's Order
* 4/1/2015	Record Keeping, Major	10/20/2016	Director's Order
* 5/1/2015	Record Keeping, Major	10/20/2016	Director's Order
* 6/1/2015	Record Keeping, Major	10/20/2016	Director's Order

DAVIDSON COUNTY

TN0000286 HARPETH VALLEY U D Popul Group: Large

Interim Enhanced SWTR
 Individual Filter Records

* 9/1/2017	Record Keeping, Major	10/3/2017	Notice of Violation Issued
		10/3/2017	Public Notification Requested

TN0000424 MADISON SUBURBAN UD Popul Group: Large

Consumer Confidence Report Rule
 Consumer Confidence Report
 7/1/2019 Reporting Violation, Major

11/12/2019 Notice of Violation Issued

DE KALB COUNTY

TN0000637 SMITHVILLE WATER SYSTEM Popul Group: Small

Consumer Confidence Report Rule

* Violation occurred prior to 2019, but extended into the 2019 calendar year.

Consumer Confidence Report
7/1/2019 Reporting Violation, Major

11/12/2019 Notice of Violation Issued

D/DBP Rule

Total Organic Carbon
10/1/2019 Routine Monitoring, Major

12/20/2019 Notice of Violation Issued
12/20/2019 Public Notification Requested

Interim Enhanced SWTR

Combined Filter Turbidity
10/1/2019 Routine Monitoring, Major

12/20/2019 Notice of Violation Issued
12/20/2019 Public Notification Requested

Long Term 1 SWTR

Disinfectants
10/1/2019 Monitoring, Major

12/20/2019 Notice of Violation Issued
12/20/2019 Public Notification Requested

DECATUR COUNTY

TN0000543 PERRYVILLE UTILITY DISTRICT

Popul Group: Very Small

D/DBP Rule

Trihalomethanes
1/1/2019 MCL Violation

6/30/2018 Returned to Compliance
4/24/2019 Notice of Violation Issued
4/24/2019 Public Notification Requested
5/2/2019 Public Notification Performed

DICKSON COUNTY

TN0000724 VANLEER WATER DEPARTMENT

Popul Group: Very Small

Interim Enhanced SWTR

Individual Filter Records
* 2/1/2018 Record Keeping, Major

3/1/2019 Notice of Violation Issued
3/1/2019 Public Notification Requested
4/26/2019 Public Notification Performed

* 3/1/2018 Record Keeping, Major

3/1/2019 Notice of Violation Issued
3/1/2019 Public Notification Requested
4/26/2019 Public Notification Performed

DYER COUNTY

TN0000211 DYERSBURG WATER DEPT

Popul Group: Medium

D/DBP Rule

Haloacetic Acids
10/1/2019 Routine Monitoring, Major

5/15/2019 Public Notification Performed
1/21/2020 Notice of Violation Issued
1/21/2020 Public Notification Requested

Trihalomethanes	10/1/2019	Routine Monitoring, Major	3/31/2020	Returned to Compliance
			5/15/2019	Public Notification Performed
			1/21/2020	Notice of Violation Issued
			1/21/2020	Public Notification Requested
			3/31/2020	Returned to Compliance

FENTRESS COUNTY

TN0000875	CHANUTE-PALL MALL UTILITY DIST		Popul Group:	Very Small
	D/DBP Rule			
	Haloacetic Acids			
	1/1/2019	MCL Violation	4/24/2019	Notice of Violation Issued
			4/24/2019	Public Notification Requested
			6/30/2019	Returned to Compliance
			10/30/2019	Director's Order
	Lead /Copper Rule			
	Lead / Copper			
	1/1/2019	Initial Monitoring	11/13/2018	Notice of Violation Issued
			11/13/2018	Public Notification Requested
			10/30/2019	Director's Order
			7/1/2019	Water Quality Parameters
			1/30/2020	Notice of Violation Issued
			1/30/2020	Public Notification Requested
	Revised Total Coliform Rule			
	Total Coliforms			
	2/1/2019	Routine Monitoring	4/18/2019	Notice of Violation Issued
			4/18/2019	Public Notification Requested
			10/30/2019	Director's Order

FRANKLIN COUNTY

TN0000046	BELVIDERE RURAL UTILITY DISTRI		Popul Group:	Very Small
	D/DBP Rule			
	Total Organic Carbon			
	1/1/2019	Routine Monitoring, Major	5/13/2019	Notice of Violation Issued
			5/13/2019	Public Notification Requested
TN0000146	COWAN BOARD OF PUBLIC UTILITIE		Popul Group:	Very Small
	Interim Enhanced SWTR			
	Individual Filter Records			
	* 6/1/2015	Record Keeping, Major	7/29/2016	Notice of Violation Issued
	* 7/1/2015	Record Keeping, Major	7/29/2016	Notice of Violation Issued

GIBSON COUNTY

TN0008132 COUNTY LINE TRAILER PARK

Popul Group: Very Small

Ground Water Rule

E. Coli

11/1/2019 Follow-Up Monitoring

11/30/2019 Returned to Compliance

12/11/2019 Notice of Violation Issued

12/11/2019 Public Notification Requested

Revised Total Coliform Rule

Total Coliforms

9/1/2019 Routine Monitoring

11/12/2019 Notice of Violation Issued

11/12/2019 Public Notification Requested

11/30/2019 Returned to Compliance

12/10/2019 Public Notification Performed

TN0000263 GIBSON WATER DEPT

Popul Group: Very Small

Lead /Copper Rule

Lead / Copper

* 1/1/2017 Consumer Notification

12/4/2018 Notice of Violation Issued

12/4/2018 Public Notification Requested

GILES COUNTY

TN0000018 ARDMORE WATER SYSTEM

Popul Group: Very Small

Organics

ALACHLOR (LASSO)

* 1/1/2017 Routine Monitoring, Major

9/10/2019 Notice of Violation Issued

9/10/2019 Public Notification Requested

ATRAZINE

* 1/1/2017 Routine Monitoring, Major

9/10/2019 Notice of Violation Issued

9/10/2019 Public Notification Requested

PICLORAM

* 1/1/2017 Routine Monitoring, Major

9/10/2019 Notice of Violation Issued

9/10/2019 Public Notification Requested

SIMAZINE

* 1/1/2017 Routine Monitoring, Major

9/10/2019 Notice of Violation Issued

9/10/2019 Public Notification Requested

TN0000649 SOUTH GILES UTILITY DISTRICT

Popul Group: Very Small

D/DBP Rule

Haloacetic Acids

1/1/2019 MCL Violation

4/24/2019 Notice of Violation Issued

4/24/2019 Public Notification Requested

5/1/2019 Public Notification Performed

12/31/2019 Returned to Compliance

4/1/2019 MCL Violation

7/26/2019 Notice of Violation Issued

7/26/2019 Public Notification Requested
 9/3/2019 Public Notification Performed
 12/31/2019 Returned to Compliance
 10/24/2019 Notice of Violation Issued
 10/24/2019 Public Notification Requested
 11/4/2019 Public Notification Performed
 12/31/2019 Returned to Compliance

7/1/2019 MCL Violation

GRUNDY COUNTY

TN0000706 TRACY CITY WATER SYSTEM

Popul Group: Small

D/DBP Rule

Haloacetic Acids

1/1/2019 MCL Violation

4/24/2019 Notice of Violation Issued
 4/24/2019 Public Notification Requested
 5/20/2019 Public Notification Performed
 9/10/2019 Director's Order
 9/30/2019 Returned to Compliance

4/1/2019 MCL Violation

7/26/2019 Notice of Violation Issued
 7/26/2019 Public Notification Requested
 8/22/2019 Public Notification Performed
 9/10/2019 Director's Order
 9/30/2019 Returned to Compliance

Trihalomethanes

4/1/2019 MCL Violation

7/26/2019 Notice of Violation Issued
 7/26/2019 Public Notification Requested
 8/22/2019 Public Notification Performed
 9/10/2019 Director's Order
 9/30/2019 Returned to Compliance

HARDEMAN COUNTY

TN0000748 WHITEVILLE WATER DEPT

Popul Group: Very Small

Lead /Copper Rule

Lead / Copper

1/1/2019 Followup Monitoring

9/5/2019 Notice of Violation Issued
 9/5/2019 Public Notification Requested

1/1/2019 Water Quality Parameters

9/5/2019 Notice of Violation Issued
 9/5/2019 Public Notification Requested

7/1/2019 Water Quality Parameters

1/30/2020 Notice of Violation Issued
 1/30/2020 Public Notification Requested

HICKMAN COUNTY

TN0000533 TURNEY CENTER

Popul Group: Very Small

D/DBP Rule

* Violation occurred prior to 2019, but extended into the 2019 calendar year.

Trihalomethanes	7/1/2019	MCL Violation	10/24/2019	Notice of Violation Issued
			10/24/2019	Public Notification Requested
			11/13/2019	Public Notification Performed
	10/1/2019	MCL Violation	1/21/2020	Notice of Violation Issued
			1/21/2020	Public Notification Requested
			2/5/2020	Public Notification Performed

JACKSON COUNTY

TN0000845 JACKSON COUNTY UD #3

Popul Group: Small

D/DBP Rule

Trihalomethanes	1/1/2019	MCL Violation	4/24/2019	Notice of Violation Issued
			4/24/2019	Public Notification Requested
			5/6/2019	Public Notification Performed
			6/30/2019	Returned to Compliance
			8/2/2019	Director's Order

JOHNSON COUNTY

TN0000480 BROWNLOW UTILITY DISTRICT

Popul Group: Very Small

Lead /Copper Rule

Lead / Copper	1/1/2019	Initial Monitoring	7/9/2019	Notice of Violation Issued
			7/9/2019	Public Notification Requested
	1/1/2019	Water Quality Parameters	7/9/2019	Notice of Violation Issued
			7/9/2019	Public Notification Requested
	1/17/2019	Corrosion Treatment Recommendation	9/10/2019	Notice of Violation Issued
			9/10/2019	Public Notification Requested
	7/1/2019	Initial Monitoring	1/30/2020	Notice of Violation Issued
			1/30/2020	Public Notification Requested
	7/1/2019	Water Quality Parameters	1/30/2020	Notice of Violation Issued
			1/30/2020	Public Notification Requested

KNOX COUNTY

TN0000369 FIRST UTIL DIST OF KNOX COUNTY

Popul Group: Large

Interim Enhanced SWTR

Individual Filter Records	* 7/1/2016	Record Keeping, Major	9/26/2016	Notice of Violation Issued
			9/26/2016	Public Notification Requested
			6/15/2017	Public Notification Performed
	* 9/1/2018	Record Keeping, Major		

* Violation occurred prior to 2019, but extended into the 2019 calendar year.

TN0000366	KNOXVILLE UTILITIES BOARD-KUB	Popul Group: Very Large
	Interim Enhanced SWTR Individual Filter Records * 12/1/2018 Record Keeping, Major	2/11/2019 Notice of Violation Issued 2/11/2019 Public Notification Requested 4/1/2019 Public Notification Performed

TN0000371	WEST KNOX UTILITY DISTRICT	Popul Group: Large
	Interim Enhanced SWTR Individual Filter Records * 7/1/2016 Record Keeping, Major	9/26/2016 Notice of Violation Issued 9/26/2016 Public Notification Requested

LAWRENCE COUNTY

TN0008267	LEXINGTON WAT DEPT RASCALTOWN	Popul Group: Very Small
	Lead /Copper Rule Lead / Copper 7/1/2019 Initial Monitoring	2/5/2020 Notice of Violation Issued 2/5/2020 Public Notification Requested

TN0000408	LORETTO WATER DEPARTMENT	Popul Group: Small
	Interim Enhanced SWTR Combined Filter Turbidity 10/1/2019 Treatment Technique, Single Value	12/11/2019 Notice of Violation Issued 12/11/2019 Public Notification Requested 1/13/2020 Public Notification Performed 1/13/2020 Returned to Compliance

TN0000604	ST JOSEPH WATER SYSTEM	Popul Group: Very Small
	Interim Enhanced SWTR Individual Filter Records 1/1/2019 Record Keeping, Major	3/26/2019 Notice of Violation Issued

TN0000676	SUMMERTOWN WATER SYSTEM	Popul Group: Small
	Lead /Copper Rule Lead / Copper 1/1/2019 Water Quality Parameters 7/1/2019 Water Quality Parameters	3/16/2020 Notice of Violation Issued 3/16/2020 Public Notification Requested 3/16/2020 Notice of Violation Issued 3/16/2020 Public Notification Requested

LOUDON COUNTY

TN0000396 LENOIR CITY UTILITY BOARD

Popul Group: Medium

Long Term 2 SWTR

BIN Reports

4/1/2019

Failure to submit BIN report

4/11/2019 Notice of Violation Issued
4/11/2019 Public Notification Requested
4/25/2019 Public Notification Performed
4/25/2019 Returned to Compliance
6/27/2019 Public Notification Performed

MARION COUNTY

TN0000278 GRIFFITH CREEK UTILITY DIST

Popul Group: Very Small

D/DBP Rule

Haloacetic Acids

4/1/2019

Routine Monitoring, Major

7/26/2019 Notice of Violation Issued
7/26/2019 Public Notification Requested
9/30/2019 Returned to Compliance
4/2/2020 Public Notification Performed

Trihalomethanes

4/1/2019

Routine Monitoring, Major

7/26/2019 Notice of Violation Issued
7/26/2019 Public Notification Requested
9/30/2019 Returned to Compliance
4/2/2020 Public Notification Performed

TN0000286 JASPER HIGHLANDS WATER SYSTEM

Popul Group: Very Small

D/DBP Rule

Haloacetic Acids

7/1/2019

Routine Monitoring, Major

2/6/2020 Notice of Violation Issued
2/6/2020 Public Notification Requested

Trihalomethanes

7/1/2019

Routine Monitoring, Major

2/6/2020 Notice of Violation Issued
2/6/2020 Public Notification Requested

TN0000924 RIVER LANDING CONDOMINIUM ASSO

Popul Group: Very Small

Interim Enhanced SWTR

Combined Filter Turbidity

2/1/2019

Treatment Technique, Single Value

6/1/2016 Director's Order
10/19/2016 Director's Order
3/5/2019 Public Notification Performed
3/31/2019 Returned to Compliance
4/8/2019 Notice of Violation Issued

MAURY COUNTY

TN0000488	MOUNT PLEASANT WAT SYS #1	Popul Group:	Small
	Interim Enhanced SWTR		
	Individual Filter Records		
	* 6/1/2015	Record Keeping, Major	4/15/2016 Notice of Violation Issued
			4/15/2016 Public Notification Requested
	* 9/1/2015	Record Keeping, Major	4/15/2016 Notice of Violation Issued
			4/15/2016 Public Notification Requested

MCMINN COUNTY

TN0000224	ENGLEWOOD WATER DEPT	Popul Group:	Small
	Consumer Confidence Report Rule		
	Consumer Confidence Report		
	7/1/2019	Reporting Violation, Major	11/12/2019 Notice of Violation Issued

MONROE COUNTY

TN00008280	MOUNTAIN SIDE ESTATES	Popul Group:	Very Small
	Revised Total Coliform Rule		
	Total Coliforms		
	4/1/2019	Routine Monitoring	5/31/2019 Returned to Compliance
			6/21/2019 Notice of Violation Issued
			6/21/2019 Public Notification Requested
			6/28/2019 Public Notification Performed
			9/30/2019 Returned to Compliance

OBION COUNTY

TN0000347	KENTON WATER DEPT	Popul Group:	Very Small
	Lead /Copper Rule		
	Lead / Copper		
	* 1/1/2017	Consumer Notification	12/4/2018 Notice of Violation Issued
			12/4/2018 Public Notification Requested

TN0000607	SAMBURG UTILITY DIST	Popul Group:	Very Small
	Lead /Copper Rule		
	Lead / Copper		
	* 1/1/2017	Consumer Notification	11/15/2018 Notice of Violation Issued
			11/15/2018 Public Notification Requested

PICKETT COUNTY

TN0000088 BYRDSTOWN WATER DEPT

Popul Group: Small

Long Term 2 SWTR

E. Coli

1/1/2019 Initial Round 1 Monitoring

1/28/2020 Notice of Violation Issued

1/28/2020 Public Notification Requested

2/1/2019 Initial Round 1 Monitoring

1/28/2020 Notice of Violation Issued

1/28/2020 Public Notification Requested

3/1/2019 Initial Round 1 Monitoring

1/28/2020 Notice of Violation Issued

1/28/2020 Public Notification Requested

4/1/2019 Initial Round 1 Monitoring

1/28/2020 Notice of Violation Issued

1/28/2020 Public Notification Requested

POLK COUNTY

TN0000136 COPPERHILL WATER DEPT.

Popul Group: Very Small

Consumer Confidence Report Rule

Consumer Confidence Report

7/1/2019 Reporting Violation, Major

11/12/2019 Notice of Violation Issued

D/DBP Rule

Haloacetic Acids

7/1/2019 Routine Monitoring, Major

10/24/2019 Notice of Violation Issued

10/24/2019 Public Notification Requested

Trihalomethanes

7/1/2019 Routine Monitoring, Major

10/24/2019 Notice of Violation Issued

10/24/2019 Public Notification Requested

RHEA COUNTY

TN0000657 NEWPORT RESORT WATER SYSTEM

Popul Group: Very Small

Consumer Confidence Report Rule

Consumer Confidence Report

7/1/2019 Reporting Violation, Major

11/12/2019 Notice of Violation Issued

Lead /Copper Rule

Lead / Copper

* 1/1/2017 Consumer Notification

12/4/2018 Notice of Violation Issued

12/4/2018 Public Notification Requested

ROANE COUNTY

TN0000531	CUMBERLAND UTILITY DISTRICT	Popul Group: Medium
Long Term 2 SWTR		
BIN Reports		
4/1/2019	Failure to submit BIN report	4/11/2019 Notice of Violation Issued
		4/11/2019 Public Notification Requested
		4/18/2019 Returned to Compliance
		3/31/2020 Public Notification Performed
Revised Total Coliform Rule		
Total Coliforms		
11/1/2019	Routine Monitoring	12/31/2019 Returned to Compliance
		1/16/2020 Notice of Violation Issued
		1/16/2020 Public Notification Requested
		3/31/2020 Public Notification Performed

TN0000287	HARRIMAN UTILITY BOARD	Popul Group: Medium
Long Term 2 SWTR		
BIN Reports		
4/1/2019	Failure to submit BIN report	4/11/2019 Notice of Violation Issued
		4/11/2019 Public Notification Requested

TN0000523	OLIVER SPRINGS WATER BOARD	Popul Group: Small
Interim Enhanced SWTR		
Individual Filter Records		
* 4/1/2017	Record Keeping, Major	9/20/2018 Notice of Violation Issued
		9/20/2018 Public Notification Requested
		4/18/2019 Director's Order
* 5/1/2017	Record Keeping, Major	9/20/2018 Notice of Violation Issued
		9/20/2018 Public Notification Requested
		4/18/2019 Director's Order
* 6/1/2017	Record Keeping, Major	9/20/2018 Notice of Violation Issued
		9/20/2018 Public Notification Requested
		4/18/2019 Director's Order
* 5/1/2018	Record Keeping, Major	9/20/2018 Notice of Violation Issued
		9/20/2018 Public Notification Requested
		4/18/2019 Director's Order
Long Term 1 SWTR		
Disinfectants		
11/1/2019	Monitoring, Major	1/6/2020 Notice of Violation Issued
		1/6/2020 Public Notification Requested
12/1/2019	Monitoring, Major	1/6/2020 Notice of Violation Issued
		1/6/2020 Public Notification Requested

TN0000457	ROANE CENTRAL UTILITY DISTRICT	Popul Group: Small
Lead /Copper Rule		
Lead / Copper		

* Violation occurred prior to 2019, but extended into the 2019 calendar year.

1/1/2019	Initial Monitoring	7/26/2019	Notice of Violation Issued
		7/26/2019	Public Notification Requested
1/1/2019	Water Quality Parameters	7/26/2019	Notice of Violation Issued
		7/26/2019	Public Notification Requested
7/1/2019	Initial Monitoring	1/30/2020	Notice of Violation Issued
		1/30/2020	Public Notification Requested
7/1/2019	Water Quality Parameters	1/30/2020	Notice of Violation Issued
		1/30/2020	Public Notification Requested

RUTHERFORD COUNTY

TN0000491	MURFREESBORO WATER DEPARTMENT	Popul Group:	Very Large
	Interim Enhanced SWTR		
	Individual Filter Records		
	* 10/1/2017	Record Keeping, Major	
		10/31/2017	Notice of Violation Issued
		10/31/2017	Public Notification Requested

SEQUATCHIE COUNTY

TN0008228	LONE OAK UTILITY DISTRICT	Popul Group:	Very Small
	Consumer Confidence Report Rule		
	Consumer Confidence Report		
	7/1/2019	Reporting Violation, Major	
		11/12/2019	Notice of Violation Issued

SEVIER COUNTY

TN0000617	SEVIERVILLE WATER SYSTEM	Popul Group:	Medium
	Interim Enhanced SWTR		
	Individual Filter Records		
	7/1/2019	Record Keeping, Major	
		8/12/2019	Notice of Violation Issued
		8/12/2019	Public Notification Requested

SMITH COUNTY

TN0000095	CARTHAGE WATER SYSTEM	Popul Group:	Small
	D/DBP Rule		
	Trihalomethanes		
	4/1/2019	MCL Violation	
		7/26/2019	Notice of Violation Issued
		7/26/2019	Public Notification Requested

TN0000096	CORDELL HULL UTILITY DISTRICT	Popul Group:	Very Small
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STEWART COUNTY

TN0000960 HIDDEN HOLLOW WATER SYSTEM

Popul Group: Very Small

Organics

ATRAZINE

* 1/1/2017 Routine Monitoring, Major

9/10/2019 Notice of Violation Issued

9/10/2019 Public Notification Requested

SIMAZINE

* 1/1/2017 Routine Monitoring, Major

9/10/2019 Notice of Violation Issued

9/10/2019 Public Notification Requested

SULLIVAN COUNTY

TN0000056 BLOOMINGDALE UTILITY DISTRICT

Popul Group: Medium

Long Term 2 SWTR

BIN Reports

4/1/2019 Failure to submit BIN report

4/11/2019 Notice of Violation Issued

4/11/2019 Public Notification Requested

TN0000061 BLUFF CITY WATER DEPARTMENT

Popul Group: Very Small

Consumer Confidence Report Rule

Consumer Confidence Report

7/1/2019 Reporting Violation, Major

11/12/2019 Notice of Violation Issued

2/12/2020 Public Notification Performed

D/DBP Rule

Haloacetic Acids

10/1/2019 Routine Monitoring, Major

1/21/2020 Notice of Violation Issued

1/21/2020 Public Notification Requested

2/12/2020 Public Notification Performed

Trihalomethanes

10/1/2019 Routine Monitoring, Major

1/21/2020 Notice of Violation Issued

1/21/2020 Public Notification Requested

2/12/2020 Public Notification Performed

Interim Enhanced SWTR

Combined Filter Turbidity

4/1/2019 Routine Monitoring, Major

5/31/2019 Returned to Compliance

6/11/2019 Notice of Violation Issued

6/11/2019 Public Notification Requested

2/12/2020 Public Notification Performed

7/1/2019 Routine Monitoring, Major

8/31/2019 Returned to Compliance

9/9/2019 Notice of Violation Issued

* Violation occurred prior to 2019, but extended into the 2019 calendar year.

		9/9/2019	Public Notification Requested
		2/12/2020	Public Notification Performed
Volatile Organics			
1,1,1-TRICHLOROETHANE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
1,1,2-TRICHLOROETHANE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
1,1-DICHLOROETHYLENE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
1,2,4-TRICHLOROBENZENE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
1,2-DICHLOROETHANE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
1,2-DICHLOROPROPANE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
BENZENE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
CARBON TETRACHLORIDE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
CHLOROBENZENE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
CIS-1,2-DICHLOROETHYLENE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
DICHLOROMETHANE			
	* 1/1/2017		Routine Monitoring, Major
		2/3/2020	Notice of Violation Issued
		2/3/2020	Public Notification Requested
		2/12/2020	Public Notification Performed
ETHYLBENZENE			
	* 1/1/2017		Routine Monitoring, Major

			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed
O-DICHLOROENZENE				
	* 1/1/2017	Routine Monitoring, Major		
			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed
P-DICHLOROENZENE				
	* 1/1/2017	Routine Monitoring, Major		
			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed
STYRENE				
	* 1/1/2017	Routine Monitoring, Major		
			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed
TETRACHLOROETHYLENE				
	* 1/1/2017	Routine Monitoring, Major		
			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed
TOLUENE				
	* 1/1/2017	Routine Monitoring, Major		
			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed
TRANS-1,2-DICHLOROETHYLENE				
	* 1/1/2017	Routine Monitoring, Major		
			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed
TRICHLOROETHYLENE				
	* 1/1/2017	Routine Monitoring, Major		
			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed
VINYL CHLORIDE				
	* 1/1/2017	Routine Monitoring, Major		
			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed
XYLENES(TOTAL)				
	* 1/1/2017	Routine Monitoring, Major		
			2/3/2020	Notice of Violation Issued
			2/3/2020	Public Notification Requested
			2/12/2020	Public Notification Performed

TN0000074

HOLSTON U D

Popul Group: Very Small

Consumer Confidence Report Rule				
Consumer Confidence Report				
	7/1/2019	Reporting Violation, Major		
			11/12/2019	Notice of Violation Issued
D/DBP Rule				
Haloacetic Acids				
	1/1/2019	MCL Violation		
			4/24/2019	Notice of Violation Issued
			4/24/2019	Public Notification Requested

		5/3/2019	Public Notification Performed
		9/25/2019	Director's Order
4/1/2019	MCL Violation		
		7/26/2019	Notice of Violation Issued
		7/26/2019	Public Notification Requested
		9/25/2019	Director's Order
7/1/2019	MCL Violation		
		9/25/2019	Director's Order
		10/24/2019	Notice of Violation Issued
		10/24/2019	Public Notification Requested
		10/31/2019	Public Notification Performed
10/1/2019	MCL Violation		
		9/25/2019	Director's Order
		1/21/2020	Notice of Violation Issued
		1/21/2020	Public Notification Requested
Public Notification Rule			
Public Notice			
8/27/2019	Reporting Violation, Major		
		10/22/2019	Notice of Violation Issued

TN0000644 SOUTH BRISTOL-WEAVER PIKE U D

Popul Group: Small

Consumer Confidence Report Rule
 Consumer Confidence Report
 7/1/2019 Reporting Violation, Major

11/12/2019 Notice of Violation Issued

SUMNER COUNTY

TN0000559 PORTLAND WATER SYSTEM

Popul Group: Medium

Interim Enhanced SWTR
 Individual Filter Records
 7/1/2019 Record Keeping, Major

7/26/2019 Public Notification Performed
 8/19/2019 Notice of Violation Issued

TIPTON COUNTY

TN0000070 BRIGHTON WATER SYSTEM

Popul Group: Small

Lead /Copper Rule
 Lead / Copper
 * 1/1/2017 Consumer Notification

12/4/2018 Notice of Violation Issued
 12/4/2018 Public Notification Requested

TN0000440 MASON WATER DEPT

Popul Group: Very Small

Lead /Copper Rule
 Lead / Copper
 * 1/1/2017 Consumer Notification

12/4/2018 Notice of Violation Issued
 12/4/2018 Public Notification Requested

* Violation occurred prior to 2019, but extended into the 2019 calendar year.

UNION COUNTY

TN0008220 LEADMINE BEND WATER ASSOC.

Popul Group: Very Small

Consumer Confidence Report Rule
Consumer Confidence Report
7/1/2019 Reporting Violation, Major

11/12/2019 Notice of Violation Issued

TN0000899 OLD HICKORY WATER COMPANY-UNIO

Popul Group: Very Small

Lead /Copper Rule
Lead / Copper
* 1/1/2017 Consumer Notification

12/4/2018 Notice of Violation Issued

12/4/2018 Public Notification Requested

VAN BUREN COUNTY

TN0000655 SPENCER WATER SYSTEM

Popul Group: Small

D/DBP Rule
Haloacetic Acids
1/1/2019 MCL Violation

4/23/2018 Director's Order

4/24/2019 Notice of Violation Issued

4/24/2019 Public Notification Requested

12/31/2019 Returned to Compliance

4/1/2019 MCL Violation

7/26/2019 Notice of Violation Issued

7/26/2019 Public Notification Requested

8/12/2019 Public Notification Performed

12/31/2019 Returned to Compliance

7/1/2019 MCL Violation

10/24/2019 Notice of Violation Issued

10/24/2019 Public Notification Requested

12/31/2019 Returned to Compliance

Trihalomethanes
1/1/2019 MCL Violation

4/23/2018 Director's Order

4/24/2019 Notice of Violation Issued

4/24/2019 Public Notification Requested

12/31/2019 Returned to Compliance

4/1/2019 MCL Violation

7/26/2019 Notice of Violation Issued

7/26/2019 Public Notification Requested

8/12/2019 Public Notification Performed

12/31/2019 Returned to Compliance

7/1/2019 MCL Violation

10/24/2019 Notice of Violation Issued

10/24/2019 Public Notification Requested

12/31/2019 Returned to Compliance

Interim Enhanced SWTR
Individual Filter Records
8/1/2019 Record Keeping, Major

10/10/2019 Notice of Violation Issued

WAYNE COUNTY

TN0000119	CLIFTON WATER DEPT	Popul Group: Small
	Interim Enhanced SWTR	
	Combined Filter Turbidity	
	1/1/2019	Treatment Technique, Monthly Average
		2/28/2019 Returned to Compliance
		3/14/2019 Notice of Violation Issued
		3/14/2019 Public Notification Requested
		4/4/2019 Public Notification Performed
	3/1/2019	Treatment Technique, Monthly Average
		4/30/2019 Returned to Compliance
		5/13/2019 Notice of Violation Issued
		5/13/2019 Public Notification Requested
		5/22/2019 Public Notification Performed

TN0008276	WAYNE CO. B. P. UTIL. #2	Popul Group: Very Small
	Lead /Copper Rule	
	Lead / Copper	
	* 1/1/2017	Consumer Notification
		9/5/2019 Notice of Violation Issued
		9/5/2019 Public Notification Requested

TN0000736	WAYNESBORO WATER SYSTEM	Popul Group: Small
	Interim Enhanced SWTR	
	Individual Filter Records	
	* 10/1/2015	Record Keeping, Major
		12/4/2015 Notice of Violation Issued
		12/4/2015 Public Notification Requested

WHITE COUNTY

TN0000569	QUEBECK WALLING UTILITY DIST	Popul Group: Small
	Lead /Copper Rule	
	Lead / Copper	
	* 1/1/2017	Consumer Notification
		12/4/2018 Notice of Violation Issued
		12/4/2018 Public Notification Requested

WILLIAMSON COUNTY

TN0000246	FRANKLIN WATER DEPT	Popul Group: Large
	Consumer Confidence Report Rule	
	Consumer Confidence Report	
	7/1/2019	Reporting Violation, Major
		11/12/2019 Notice of Violation Issued
	D/DBP Rule	
	Trihalomethanes	

7/1/2019 MCL Violation

10/24/2019 Notice of Violation Issued
10/24/2019 Public Notification Requested

10/1/2019 MCL Violation

1/21/2020 Notice of Violation Issued
1/21/2020 Public Notification Requested
2/10/2020 Public Notification Performed

Interim Enhanced SWTR

Individual Filter Records

* 4/1/2015 Record Keeping, Major

6/3/2015 Notice of Violation Issued
6/3/2015 Public Notification Requested
6/15/2015 Public Notification Performed
3/31/2020 Returned to Compliance

WILSON COUNTY

TN0000732 WATERTOWN WATER SYSTEM

Popul Group: Very Small

Certified Operator

Operations

11/1/2019 Treatment Technique

11/21/2019 Notice of Violation Issued

Non-Community Water Systems

CARROLL COUNTY

TN0003110 ENON MISSIONARY BAPTIST CHURCH

Popul Group: Very Small

Revised Total Coliform Rule

Total Coliforms

7/1/2019

Routine Monitoring

11/12/2019 Notice of Violation Issued

11/12/2019 Public Notification Requested

CLAIBORNE COUNTY

TN0004570 STRAIGHT CREEK BOAT DOCK

Popul Group: Very Small

Revised Total Coliform Rule

Total Coliforms

1/1/2019

Routine Monitoring

5/14/2019 Notice of Violation Issued

5/14/2019 Public Notification Requested

COFFEE COUNTY

TN0004354 MANCHESTER KOA

Popul Group: Very Small

Revised Total Coliform Rule

Total Coliforms

5/1/2019

Routine Monitoring

7/11/2019 Notice of Violation Issued

7/11/2019 Public Notification Requested

7/24/2019 Public Notification Performed

9/30/2019 Returned to Compliance

CUMBERLAND COUNTY

TN0004788 CUMBERLAND MTN RETREAT CMPGD

Popul Group: Very Small

Ground Water Rule

Disinfection

4/1/2019

Continuous or Grab Monitoring

6/11/2019 Notice of Violation Issued

6/11/2019 Public Notification Requested

7/1/2019

Continuous or Grab Monitoring

9/19/2019 Notice of Violation Issued

9/19/2019 Public Notification Requested

8/1/2019

Continuous or Grab Monitoring

10/10/2019 Notice of Violation Issued

10/10/2019 Public Notification Requested

12/1/2019

Continuous or Grab Monitoring

2/13/2020 Notice of Violation Issued

2/13/2020 Public Notification Requested

Revised Total Coliform Rule

Total Coliforms

DE KALB COUNTY

TN0004520 INDIAN CREEK YOUTH CAMP Popul Group: Very Small

Revised Total Coliform Rule
 Total Coliforms
 2/1/2019 Routine Monitoring

3/31/2019 Returned to Compliance
 4/18/2019 Notice of Violation Issued
 4/18/2019 Public Notification Requested
 4/29/2019 Public Notification Performed
 7/25/2019 Director's Order

GRAINGER COUNTY

TN0004429 BOGGS SUBDIVISION Popul Group: Very Small

Revised Total Coliform Rule
 Total Coliforms
 7/1/2019 Routine Monitoring

11/9/2019 Public Notification Performed
 11/21/2019 Notice of Violation Issued
 11/21/2019 Public Notification Requested
 12/31/2019 Returned to Compliance

TN0002524 GILMORE DOCK Popul Group: Very Small

Revised Total Coliform Rule
 Total Coliforms
 2/1/2019 Routine Monitoring

7/1/2019 Routine Monitoring

6/30/2018 Returned to Compliance
 4/18/2019 Notice of Violation Issued
 4/18/2019 Public Notification Requested
 4/23/2019 Public Notification Performed
 11/9/2019 Public Notification Performed
 11/21/2019 Notice of Violation Issued
 11/21/2019 Public Notification Requested
 12/31/2019 Returned to Compliance

TN0004691 HONEY CREEK SUBDIVISION Popul Group: Very Small

Revised Total Coliform Rule
 Total Coliforms
 7/1/2019 Routine Monitoring

11/9/2019 Public Notification Performed
 11/21/2019 Notice of Violation Issued
 11/21/2019 Public Notification Requested
 12/31/2019 Returned to Compliance

TN0004795 PARKWAY MARKET Popul Group: Very Small

Revised Total Coliform Rule
Total Coliforms
4/1/2019 Routine Monitoring

8/23/2019 Notice of Violation Issued
8/23/2019 Public Notification Requested

HAMILTON COUNTY

TN0004918 SHADY GROVE HARBOR MARINA

Popul Group: Very Small

Inorganics

Nitrates

1/1/2019 Routine Monitoring, Major

2/3/2020 Notice of Violation Issued
2/3/2020 Public Notification Requested
2/4/2020 Public Notification Performed

HENRY COUNTY

TN0004775 BRITTON FORD CAMPGROUND

Popul Group: Very Small

Revised Total Coliform Rule
Total Coliforms

4/1/2019 Routine Monitoring

8/15/2019 Notice of Violation Issued
8/15/2019 Public Notification Requested
8/18/2019 Public Notification Performed
9/30/2019 Returned to Compliance

TN0000933 COUNTRY JUNCTION RESORT

Popul Group: Very Small

Revised Total Coliform Rule
Total Coliforms

1/1/2019 Routine Monitoring

5/16/2019 Notice of Violation Issued
5/16/2019 Public Notification Requested

TN0009670 SUNSET BAY RESORT & MARINA

Popul Group: Very Small

Revised Total Coliform Rule
Total Coliforms

4/1/2019 Routine Monitoring

8/8/2019 Public Notification Performed

HUMPHREYS COUNTY

TN0003718 ELLIS GROVE PRESBYTERIAN CHURCH

Popul Group: Very Small

Inorganics

Nitrates

1/1/2019 Routine Monitoring, Major

2/3/2020 Notice of Violation Issued
2/3/2020 Public Notification Requested
2/16/2020 Public Notification Performed

JEFFERSON COUNTY

TN0004812 LAKE COVE RESORT

Popul Group: Very Small

Revised Total Coliform Rule

Total Coliforms

4/1/2019

Routine Monitoring

8/23/2019 Notice of Violation Issued

8/23/2019 Public Notification Requested

JOHNSON COUNTY

TN0003923 PIONEER LANDING

Popul Group: Very Small

Revised Total Coliform Rule

Total Coliforms

8/1/2019

Routine Monitoring

9/30/2019 Returned to Compliance

10/11/2019 Notice of Violation Issued

10/11/2019 Public Notification Requested

10/17/2019 Public Notification Performed

TN0005054 SHARPIE'S RESTAURANT

Popul Group: Very Small

Revised Total Coliform Rule

Total Coliforms

10/1/2019

Routine Monitoring

2/13/2020 Notice of Violation Issued

2/13/2020 Public Notification Requested

MADISON COUNTY

TN0003287 PARKBURG BAPTIST CHURCH

Popul Group: Very Small

Revised Total Coliform Rule

Total Coliforms

1/1/2019

Routine Monitoring

5/16/2019 Notice of Violation Issued

5/16/2019 Public Notification Requested

POLK COUNTY

TN0004986 HALL'S GROCERY STORE

Popul Group: Very Small

Revised Total Coliform Rule

Total Coliforms

10/1/2019

Treatment Technique, Level 1 Assessmen

3/18/2020 Notice of Violation Issued

3/18/2020 Public Notification Requested

3/19/2020 Public Notification Performed

TN0005163 RAFT ONE WHITEWATER

Popul Group: Very Small

Revised Total Coliform Rule
Total Coliforms
9/1/2019 Routine Monitoring

11/12/2019 Notice of Violation Issued
11/12/2019 Public Notification Requested

TN0004993 THE OLD COUNTRY PORCH RESTAURA

Popul Group: Very Small

Revised Total Coliform Rule
Total Coliforms
8/1/2019 Routine Monitoring

10/10/2019 Notice of Violation Issued
10/10/2019 Public Notification Requested

UNICOI COUNTY

TN0005035 NOLICHUCKY GORGE CAMPGROUND

Popul Group: Very Small

Revised Total Coliform Rule
Total Coliforms
11/1/2019 Routine Monitoring

1/9/2020 Notice of Violation Issued
1/9/2020 Public Notification Requested
1/14/2020 Public Notification Performed
1/31/2020 Returned to Compliance

12/1/2019 Routine Monitoring

1/31/2020 Returned to Compliance
2/13/2020 Notice of Violation Issued
2/13/2020 Public Notification Requested
2/27/2020 Public Notification Performed

WEAKLEY COUNTY

TN0003673 PERSIMMON HILLS GOLF COURSE

Popul Group: Very Small

Revised Total Coliform Rule
Total Coliforms
4/1/2019 Routine Monitoring

8/15/2019 Notice of Violation Issued
8/15/2019 Public Notification Requested
8/20/2019 Public Notification Performed
9/30/2019 Returned to Compliance

Non-Transient Non-Community Water Systems

CHESTER COUNTY

TN0001234 JACKS CREEK ELEMENTARY SCHOOL

Popul Group: Very Small

Lead /Copper Rule

Lead / Copper

* 1/1/2017

Consumer Notification

10/17/2019 Notice of Violation Issued

10/21/2019 Returned to Compliance

HICKMAN COUNTY

TN0004910 ACCURATE ENERGETIC SYSTEMS

Popul Group: Very Small

Lead /Copper Rule

Lead / Copper

3/27/2019

Corrosion Treatment Recommendation

8/19/2019 Notice of Violation Issued

8/19/2019 Public Notification Requested

9/25/2019 Director's Order

7/1/2019

Consumer Notification

8/19/2019 Notice of Violation Issued

8/19/2019 Public Notification Requested

9/25/2019 Director's Order

HUMPHREYS COUNTY

TN0003416 SCEPTER INGOT CASTING, INC.

Popul Group: Very Small

Ground Water Rule

Disinfection

7/1/2019

Continuous or Grab Monitoring

9/19/2019 Notice of Violation Issued

9/19/2019 Public Notification Requested

Lead /Copper Rule

Lead / Copper

1/1/2019

Initial Monitoring

9/5/2019 Notice of Violation Issued

9/5/2019 Public Notification Requested

1/1/2019

Water Quality Parameters

9/5/2019 Notice of Violation Issued

9/5/2019 Public Notification Requested

Revised Total Coliform Rule

Total Coliforms

3/1/2019

Routine Monitoring

5/13/2019 Notice of Violation Issued

5/13/2019 Public Notification Requested

7/25/2019 Director's Order

4/1/2019

Routine Monitoring

6/11/2019 Notice of Violation Issued

6/11/2019 Public Notification Requested

7/25/2019 Director's Order

MCMINN COUNTY

TN0004313 RESOLUTE FOREST PRODUCTS

Popul Group: Very Small

Revised Total Coliform Rule

Total Coliforms

8/1/2019

Routine Monitoring

10/10/2019 Notice of Violation Issued

10/10/2019 Public Notification Requested

10/16/2019 Public Notification Performed

11/8/2019 Returned to Compliance
