North Carolina's Annual State Public Water Systems Compliance Report For the Calendar Year 2010

The Drinking Water Program: An Overview

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

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

The SDWA allows states and territories to seek EPA approval to administer their own PWSS Programs. The authority to run a PWSS Program is called primacy. For a state to receive primacy, EPA must determine that the state meets certain requirements laid out in the SDWA and the regulations, including the adoption of drinking water regulations that are at least as stringent as the Federal regulations and a demonstration that they can enforce the program requirements. Of the 56 states and territories, all but Wyoming and the District of Columbia have primacy. The EPA Regional Offices administer the PWSS Programs within these two jurisdictions.

The 1986 SDWA Amendments gave Indian Tribes the right to apply for and receive primacy. EPA currently administers PWSS Programs on all Indian lands except the Navaho Nation, which was granted primacy in late 2000.

Annual State PWS Report (aka Annual Compliance Report (ACR))

Each quarter, primacy states submit data to the Safe Drinking Water Information System (SDWIS/FED), an automated database maintained by EPA. The data submitted include, but are not limited to, PWS inventory information, the incidence of Maximum Contaminant Level, Maximum Residual Disinfectant Level, monitoring, and treatment technique violations; and information on enforcement activity related to these violations. Section 1414(c)(3) of the Safe Drinking Water Act requires states to provide EPA with an annual report of violations of the primary drinking water standards. This report provides the numbers of violations in each of six categories: MCLs, MRDLs treatment techniques, variances and exemptions, significant monitoring violations, and significant consumer notification violations. The EPA Regional Offices report the information for Wyoming, the District of Columbia, and all Indian Lands but the Navaho Nation. EPA Regional offices also report Federal enforcement actions taken. Data retrieved from SDWIS/FED form the basis of this report.

A Public Water System (PWS) is defined as a system that provides water via piping or other constructed conveyances for human consumption to at least 15 service connections or serves an average of at least 25 people for at least 60 days each year. There are three types of PWSs. PWSs can be community (such as towns), nontransient noncommunity (such as schools or factories), or transient noncommunity systems (such as rest stops or parks). For this report, when the acronym "PWS" is used, it means systems of all types, unless specified in greater detail.

Maximum Contaminant Level

Under the Safe Drinking Water Act (SDWA), the EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption. These limits are known as Maximum Contaminant Levels (MCLs).

Maximum Residual Disinfectant Level

The EPA sets national limits on residual disinfectant levels in drinking water to reduce the risk of exposure to disinfectant byproducts formed, when public water systems add chemical disinfectant for either primary or residual treatment. These limits are known as Maximum Residual Disinfectant Levels (MRDLs).

Treatment Techniques

For some regulations, the EPA establishes treatment techniques (TTs) in lieu of an MCL to control unacceptable levels of certain contaminants. For example, treatment techniques have been established for viruses, some bacteria, and turbidity.

Variances and Exemptions

A primacy state can grant a PWS a variance from a primary drinking water regulation if the characteristics of the raw water sources reasonably available to the PWS do not allow the system to meet the MCL. To obtain a variance, the system must agree to install the best available technology, treatment techniques, or other means of limiting drinking water contamination that the Administrator finds are available (taking costs into account), and the state must find that the variance will not result in an unreasonable risk to public health. The variance shall be reviewed not less than every 5 years to determine if the system remains eligible for the variance.

A primacy state can grant an exemption temporarily relieving a PWS of its obligation to comply with an MCL, treatment technique, or both if the system=s noncompliance results from compelling factors (which may include economic factors) and the system was in operation on the effective date of the MCL or treatment technique requirement. The state will require the PWS to comply with the MCL or treatment technique as expeditiously as practicable, but not later than 3 years after the otherwise applicable compliance date.

Monitoring

A PWS is required to monitor and verify that the levels of contaminants present in the water do not exceed the MCL. If a PWS fails to have its water tested as required or fails to report test results correctly to the primacy agent, a monitoring violation occurs.

Significant Monitoring Violations

For this report, significant monitoring violations are generally defined as any Significant monitoring violation that occurred during the calendar year of the report. A Significant monitoring violation, with rare exceptions, occurs when no samples were taken or no results were reported during a compliance period.

Consumer Notification

Every Community Water System is required to deliver to its customers a brief annual water quality report. This report is to include some educational material, and will provide information on the source water, the levels of any detected contaminants, and compliance with drinking water regulations.

Significant Consumer Notification Violations

For this report, a significant public notification violation occurred if a community water system completely failed to provide its customers the required annual water quality report.

OBTAINING COPY OF 2010 PUBLIC WATER SYSTEMS COMPLIANCE REPORT (ACR)

As required by the Safe Drinking Water Act, the State of North Carolina has made the 2010 Public Water Systems Compliance Report available to the public. Interested individuals can obtain a copy of the 2010 Annual Public Water Systems Compliance Report for North Carolina by:

Ask, or look, for the Annual Compliance Report for 2010.

State Website: http://www.deh.enr.state.nc.us/pws/reportspubs.htmTelephone: 919-715-3222Contact Name: Hornlean ChenE-Mail: Hornlean.Chen@ncdenr.govAddress of Responsible State Department:Public Water Supply Section, 1634 Mail Service Center, Raleigh, NC 27699-1634

Table of Violation Summaries for 2010

			MCLs			Monitoring/Reporting		
Code	Synthetic Organic Contaminants (SOC)	MCL (mg/l)	Number of	Number of	Number of	Number of	Number of	Number of
Coue	Synancie Organie Containinantis (SOC)		Violations	RTC	Systems in	Violations	RTC	Systems in
			violations	Violations	Violation	violations	Violations	Violation
2931	1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0	0	36	0	33
	2,3,7,8-TCDD (Dioxin)	3x10 ⁻⁸	State-wide	State-wide	State-wide	State-wide	State-wide	State-wide
	2,3,7,0-TCDD (DIOXIII)	5710	waiver	waiver	waiver	waiver	waiver	waiver
2110	2,4,5-TP (Silvex)	0.05	0	0	0	36	0	33

May 27, 2011 **Monitoring/Reporting** MCLs MCL Number of Number of Number of Number of Synthetic Organic Contaminants (SOC) Number of Number of Code (mg/l)RTC Systems in RTC Systems in Violations Violations Violation Violations Violation Violations 2105 0 0 0 35 0 32 2,4-D 0.07 2051 0 0 0 36 0 33 Alachlor (LASSO) 0.002 2050 0 0 0 37 0 34 Atrazine 0.003 2306 0 0 0 34 0 31 Benzo(a)pyrene 0.0002 2046 0 0 0 38 0 35 Carbofuran 0.04 2959 0 0 39 0 34 0 Chlordane 0.002 2031 0 0 0 40 0 36 0.2 Dalapon 2035 0 0 0 38 4 35 Di(2-ethylhexyl)adipate 0.4 3 3 37 2039 0 40 0 0.006 Di(2-ethylhexyl)phthalate 2041 0 0 0 37 0 34 Dinoseb 0.007 State-wide State-wide State-wide State-wide State-wide State-wide Diquat 0.02 waiver waiver waiver waiver waiver waiver State-wide State-wide State-wide State-wide State-wide State-wide Endothall 0.1 waiver waiver waiver waiver waiver waiver 2005 0 0 0 36 0 33 Endrin 0.002 2946 2 0 2 37 1 34 Ethylene dibromide (EDB) 0.00005 State-wide State-wide State-wide State-wide State-wide State-wide 0.7 Glyphosate waiver waiver waiver waiver waiver waiver 2065 36 33 0 0 0 0 Heptachlor 0.0004 2067 39 34 0 0 0 0 Heptachlor epoxide 0.0002 2274 0 0 0 34 0 32 Hexachlorobenzene 0.001 34 2042 0 0 0 37 0 0.05 Hexachlorocyclopentadiene 2010 0 0 0 36 0 33 Lindane (BHC-Gamma) 0.0002 2015 0 0 0 37 0 34 Methoxychlor 0.04 2383 0 0 0 38 0 35 Total polychlorinated biphenyls (PCBs) 0.0005 2326 0 0 0 37 0 34 Pentachlorophenol 0.001 2020 0 0 0 39 0 36 Toxaphene 0.003

				MCLs		Μ	onitoring/Repo	rting
Code	Synthetic Organic Contaminants (SOC)	MCL (mg/l)	Number of Violations	Number of RTC Violations	Number of Systems in Violation	Number of Violations	Number of RTC Violations	Number of Systems in Violation
2036	Oxamyl (Vydate)	0.2	0	0	0	38	0	35
2040	Pichloram	0.5	0	0	0	37	0	34
2037	Simazine	0.004	0	0	0	36	0	33
	SUBTOTAL		5	0	5	963	1	881

				MCLs		Monitoring/Reporting			
Code	Volatile Organic Contaminants (VOC)	MCL (mg/l)	Number of Violations	Number of RTC Violations	Number of Systems in Violation	Number of Violations	Number of RTC Violations	Number of Systems in Violation	
2981	1,1,1-Tricholorethane	0.2	0	0	0	42	5	39	
2977	1,1-Dichloroethylene	0.007	4	0	1	42	5	39	
2985	1,1,2-Trichloroethane	.005	0	0	0	42	5	39	
2378	1,2,4-Trichlorobenzene	.07	0	0	0	42	5	39	
2980	1,2-Dichloroethane	0.005	1	0	1	42	5	39	
2983	1,2-Dichloropropane	0.005	0	0	0	42	5	39	
2990	Benzene	0.005	0	0	0	42	5	39	
2982	Carbon tetrachloride	0.005	0	0	0	42	5	39	
2380	Cis-1,2-Dichloroethylene	0.07	0	0	0	42	5	39	
2964	Dichloromethane	0.005	1	0	1	42	5	39	
2992	Ethylbenzene	0.7	0	0	0	42	5	39	
2989	Monochlorobenzene	0.1	0	0	0	42	5	39	
2968	o-Dichlorobenzene	0.6	0	0	0	42	5	39	
2969	para-Dichlorobenzene	0.075	0	0	0	42	5	39	
2987	Tetrachloroethylene	0.005	0	0	0	42	5	39	
2984	Trichloroethylene	0.005	0	0	0	42	5	39	
2996	Styrene	0.1	0	0	0	42	5	39	

			MCLs			Monitoring/Reporting		
Code	Volatile Organic Contaminants (VOC)	MCL (mg/l)	Number of Violations	Number of RTC Violations	Number of Systems in Violation	Number of Violations	Number of RTC Violations	Number of Systems in Violation
2991	Toluene	1	0	0	0	42	5	39
2979	Trans-1,2-Dichloroethylene	0.1	0	0	0	42	5	39
2955	Xylenes (total)	10	0	0	0	42	5	39
2976	Vinyl chloride	0.002	0	0	0	42	5	39
	SUBTOTAL		6	0	3	882	105	819

				MCLs		Monitoring/Reporting			
Code	Inorganic Contaminants	MCL (mg/l)	Number of Violations	Number of RTC Violations	Number of Systems in Violation	Number of Violations	Number of RTC Violations	Number of Systems in Violation	
1074	Antimony	0.006	0	0	0	23	0	23	
1005	Arsenic	0.01*	0	0	0	21	0	21	
1094	Asbestos	7 million fibers/L# 10 Φm long	0	0	0	0	0	0	
1010	Barium	2	0	0	0	24	0	24	
1075	Beryllium	0.004	0	0	0	24	0	24	
1015	Cadmium	0.005	0	0	0	23	0	23	
1020	Chrominum	0.1	0	0	0	22	0	22	
1024	Cyanide (as free cyanide)	0.2	0	0	0	22	0	22	
1025	Fluoride	4.0	0	0	0	23	0	23	
1035	Mercury	0.002	0	0	0	23	0	23	
1036	Nickel	N/A	0	0	0	23	0	23	
1040	Nitrate	10 (as Nitrogen)	12	0	12	301	0	290	
1041	Nitrite	1 (as Nitrogen)	0	0	0	63	0	63	
1045	Selenium	0.05	0	0	0	23	0	23	

				MCLs		Monitoring/Reporting		
Code	Inorganic Contaminants	MCL	Number of	Number of	Number of	Number of	Number of	Number of
Code		(mg/l)	Violations	5	Systems in	Violations	RTC	Systems in
			violations	Violations	Violation	violations	Violations	Violation
1085	Thallium	0.002	0	0	0	23	0	23
	SUBTOTAL		12	0	12	638	0	627

*NC lowered the Arsenic Maximum Contaminant Level to 0.01ppm in the year 2002.

				MCLs		Monitoring/Reporting		
Code	<u>Radionuclides</u>	MCL	Number of Violations	Number of RTC Violations	Number of Systems in Violation	Number of Violations	Number of RTC Violations	Number of Systems in Violation
4000	Gross alpha	15 pCi/L	0	0	0	52	6	22
4006	Uranium	20.1 pCi/L	5	1	2	51	6	21
4010	Radium-226 and radium-228	5 pCi/L	18	0	7	56	6	26
4100	Gross beta	4 mrem/yr	0	0	0	0	0	0
	SUBTOTAL		23	1	9	159	18	69

					MCLs		Monitoring/Reporting		
Violation Type	<u>Total Coliform Rule</u>		ACL ng/l)	Number of Violations	Number of RTC Violations	Number of Systems in Violation	Number of Violations	Number of RTC Violations	Number of Systems in Violation
21	Acute MCL Violation	Pre	esence	13	3	13			
22	Non-acute MCL violation	Pre	esence	235	39	180			
23	Major routine monitoring						1336	16	773
25	Major repeat monitoring						46	0	45
	SU	BTOTAL		248	42	193	1382	16	818

Violation Type	<u>Groundwater Rule</u>		Treatment Techniques			Monitoring/Reporting		
		MCL (mg/l)	Number of	Number of	Number of	Number of	Number of	Number of
			Number of Violations	RTC	Systems in	Violations	RTC	Systems in
			violations	Violations	Violation	violations	Violations	Violation
31/0700	Monitoring GWR					0	16	0

	Groundwater Rule		Treatment Techniques			Monitoring/Reporting		
Violation Type		MCL	Number of	Number of	Number of	Number of	Number of	Number of
		(mg/l)	Violations	RTC	Systems in	Violations	RTC	Systems in
			violations	Violations	Violation	violations	Violations	Violation
34/3014	Source monitoring GWR					228	94	96
41/0700	Failure maintain microbial treatment GWR		1	0	1			
	SUBTOTAL		1	0	1	228	110	96

			Tr	eatment Techniq	ues	M	onitoring/Repo	rting
Violation Type	Surface Water Treatment Rule (SWTR)	MCL (mg/l)	Number of Violations	Number of RTC Violations	Number of Systems in Violation	Number of Violations	Number of RTC Violations	Number of Systems in Violation
29/0300	Major monitoring					0	2	0
36/0200	Major monitoring					0	2	0
38/0300	Routine major monitoring					0	2	0
43/0300	Single combined filter effluent		0	2	0			
44/0300	Monthly combined filter effluent		0	3	0			
	SUBTOTAL		0	5	0	0	6	0

			Treatment Techniques			Monitoring/Reporting		
Violation Type	Lead and Copper Rule	MCL (mg/l)	Number of Violations	Number of RTC Violations	Number of Systems in Violation	Number of Violations	Number of RTC Violations	Number of Systems in Violation
51	Initial lead and copper tap M/R					12	78	9
52	Follow-up or routine lead and copper tap M/R					134	7	128
58	Treatment installation		0	0	0			
65*	Public Education		0	3	0			
	SUBTOTAL		0	3	0	146	85	137

* Not all of the 2010 Public Education violations have been processed at the time of this report

	Consumer Confidence Report (CCR) and Public Notices (PN)			MCLs		Mo	Monitoring/Reporting		
Violation Type		MCL (mg/l)	Number of Violations	Number of	Number of	Number of	Number of	Number of	
				RTC	Systems in	Number of Violations	RTC	Systems in	
				Violations	Violation		Violations	Violation	
71	Complete Failure to Report					71	31	71	

	Consumer Confidence Report (CCR) and Public Notices (PN)			MCLs		Monitoring/Reporting			
Violation		MCL (mg/l)	Number of Violations	Number of RTC	Number of Systems in	Number of	Number of RTC	Number of Systems in	
Туре				Violations	Violation	Violations	Violations	Violation	
75	Complete Failure to Report					127	72	93	
	SUBTOTAL					198	103	164	

			MCLs and MRDLs			Treatment Techniques			Monitoring/Reporting		
Violatio n Type	Stage 1 Disinfectants and Disinfection Byproducts Rule (Stage 1 DBPR)	MCL (mg/l)	Number of Violation	Number of RTC Violation	Number of Systems in Violatio n	Number of Violation	Number of RTC Violation	Number of Systems in Violation	Number of Violation	Number of RTC Violation	Number of Systems in Violatio n
02	MCL, average		154	0	52						
11	MRDL, non-acute		0	0	0						
13	MRDL acute		0	0	0						
12	Qualified operator failure					0	0	0			
46	Inadequate DBP precursor removal					0	0	0			
27	Major monitoring DBP								293	78	131
30	Major monitoring DBP2								0	0	0
35	Failure submit IDSE plan								0	0	0
	SUBTOTAL		154	0	52	0	0	0	293	78	131

Definitions for Violation Table

Number of violations: This represents a count of the number of violation for the specific contaminant/rule occurring during the calendar year of the report that have not return to compliance (RTC). The violation has not been linked with enforcement action SOX.

Number of RTC violations: This represents a count of the number of violation from the step above that have RTC during the calendar year. The violation has been linked to enforcement action SOX.

Number of systems in violation: This represents a count of the number of system that has violation(s) for the specific contaminant/rule occurring during the calendar year of the report that have not return to compliance (RTC). The violation has not been linked with enforcement action SOX

Filtered Systems: Water systems that have installed filtration treatment [40 CFR 141, Subpart H].

Inorganic Contaminants: Non-carbon-based compounds such as metals, nitrates, and asbestos. These contaminants are naturally-occurring in some water, but can get into water through farming, chemical manufacturing, and other human activities. EPA has established MCLs for 15 inorganic contaminants [40 CFR 141.62].

Lead and Copper Rule: This rule established national limits on lead and copper in drinking water [40 CFR 141.80-91]. Lead and copper corrosion pose various health risks when ingested at any level, and can enter drinking water from household pipes and plumbing fixtures. States report violations of the Lead and Copper Rule in the following six categories:

Initial lead and copper tap M/R: SDWIS Violation Code 51 indicates that a system did not meet initial lead and copper testing requirements, or failed to report the results of those tests to the State.

Follow-up or routine lead and copper tap M/R: SDWIS Violation Code 52 indicates that a system did not meet follow-up or routine lead and copper tap testing requirements, or failed to report the results.

Treatment installation: SDWIS Violation Codes 58 AND 62 indicate a failure to install optimal corrosion control treatment system (58) or source water treatment system (62) which would reduce lead and copper levels in water at the tap. [One number is to be reported for the sum of violations in these two categories]. *Public education*: SDWIS Violation Code 65 shows that a system did not provide required public education about reducing or avoiding lead intake from water.

Maximum Contaminant Level (MCL): The highest amount of a contaminant that EPA allows in drinking water. MCLs ensure that drinking water does not pose either a short-term or long-term health risk. MCLs are defined in milligrams per liter (parts per million) unless otherwise specified.

Monitoring: EPA specifies which water testing methods the water systems must use, and sets schedules for the frequency of testing. A water system that does not follow EPA's schedule or methodology is in violation [40 CFR 141].

States must report monitoring violations that are significant as determined by the EPA Administrator and in consultation with the States. For purposes of this report, significant monitoring violations are major violations and they occur when no samples are taken or no results are reported during a compliance period. A major monitoring violation for the surface water treatment rule occurs when at least 90% of the required samples are not taken or results are not reported during the compliance period.

Organic Contaminants: Carbon-based compounds, such as industrial solvents and pesticides. These contaminants, classified as either SOC or VOC, generally get into water through runoff from cropland or discharge from factories. EPA has set legal limits on 54 organic contaminants that are to be reported [40 CFR 141.61].

Radionuclides: Radioactive particles which can occur naturally in water or result from human activity. EPA has set legal limits on four types of radionuclides: radium-226, radium-228, gross alpha, and beta particle/photon radioactivity [40 CFR 141]. Violations for these contaminants are to be reported using the following three categories:

Gross alpha: SDWIS Contaminant Code 4000 for alpha radiation above MCL of 15 picocuries/liter. Gross alpha includes radium-226 but excludes radon and uranium. *Combined radium-226 and radium-228:* SDWIS Contaminant Code 4010 for combined radiation from these two isotopes above MCL of 5 pCi/L. *Gross beta:* SDWIS Contaminant Code 4101 for beta particle and photon radioactivity from man-made radionuclides above 4 millirem/year.

Reporting Interval: The reporting interval for violations to be included in the first PWS Annual Compliance Report, which is to be submitted to EPA by January 1, 1998, is from July 1, 1996 through June 30, 1997. This interval will change for future annual reports. See guidance language for these intervals.

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

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

Monitoring, routine/repeat (for filtered systems): SDWIS Violation Code 36 indicates a system's failure to carry out required tests, or to report the results of those tests. Treatment techniques (for filtered systems): SDWIS Violation Code 41 shows a system's failure to properly treat its water. *Monitoring, routine/repeat (for unfiltered systems):* SDWIS Violation Code 31 indicates a system's failure to carry out required water tests, or to report the results of those tests. *Failure to filter (for unfiltered systems):* SDWIS Violation Code 42 shows a system's failure to properly treat its water. Data for this violation code will be supplied to the States by EPA.

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

Acute MCL violation: SDWIS Violation Code 21 indicates that the system found fecal coliform or E. coli, potentially harmful bacteria, in its water, thereby violating the rule. *Non-acute MCL violation:* SDWIS Violation Code 22 indicates that the system found total coliform in samples of its water at a frequency or at a level that violates the rule. For systems collecting fewer than 40 samples per month, more than one positive sample for total coliform is a violation. For systems collecting 40 or more samples per month, more than 5% of the samples positive for total coliform is a violation.

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

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

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

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

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

INVENTORY INFORMATION

The information in the tables above is based on data retrieved from the state's computer system/databases—the state uses EPA's Safe Drinking Water Information System (SDWIS/State). The SDWIS/Fed (EPA) computer system/databases were used for comparative purposes only.

<u>The Violation Tables above do not contain all violation possibilities.</u> Only certain violation types, per EPA's Annual Public Water Systems Compliance Report Instructions, are included in this report. In addition, only the violations from community, non-transient non-community (NTNC), and transient systems are included in this report. At the time of this report, North Carolina had 2,097 active 'community' systems, 3,628 active 'transient non-community' systems, 414 active 'non-transient non-community' systems. North Carolina allows variances and exemptions, but none were issued in the calendar year.