

# **Safe Drinking Water Act Violations 2009**



**New Jersey  
Department of Environmental Protection  
Division of Water Supply**

**Chris Christie, Governor  
Bob Martin, Commissioner**

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## **Introduction**

The federal Safe Drinking Water Act in Section 1414(c)(3)(A) requires States to prepare an annual report on violations of the national primary drinking water regulations by public water systems (PWSs). This report covers the period of January 1, 2009 to December 31, 2009.

This report includes violations of (a) maximum contaminant levels, (b) treatment technique requirements, and (c) monitoring requirements determined to be significant by the Administrator of the U.S. Environmental Protection Agency (USEPA). The statutory language requiring an Annual Report by states and distribution of report summaries appears in Appendix A.

The most significant change in the federal regulations in 2009 was the Ground Water Rule; compliance with this rule became effective December 1, 2009 (71 FR 216, pp. 65573-65660, November 8, 2006). The 2010 annual report of violations will include a summary of the first year of implementation of this rule.

### **The Drinking Water Program: An Overview**

Under the Safe Drinking Water Act of 1974, and subsequent 1986 and 1996 Amendments, USEPA sets national limits on contaminant levels in drinking water to ensure drinking water is safe for human consumption. These limits are known as Maximum Contaminant Levels (MCLs). USEPA establishes treatment techniques instead of an MCL to control unacceptable levels of some contaminants. USEPA also regulates how often public water systems monitor their water for contaminants and report the monitoring results to the States or USEPA. Generally, the larger the population served by a water system, the more frequently monitoring/reporting (M/R) must occur. Finally, the USEPA requires public notification, including a clear and understandable explanation of the nature of the violation, its potential adverse health effects, what the PWS is doing to correct the violation, and the possibility of alternative water supplies during the violation.

The Safe Drinking Water Act allows States and Territories to seek USEPA approval to regulate public water systems themselves, an authority called primacy. To receive primacy, States must meet certain requirements, including adoption of drinking water regulations at least as strict as Federal regulations and demonstration they can enforce requirements. Of the 57 States and Territories, all but Wyoming and the District of Columbia have primacy.

The Water Supply Operations Element, including the Bureau of Safe Drinking Water Implementation and Bureau of Safe Drinking Water Technical Assistance, within the New Jersey Department of Environmental Protection (NJDEP) has responsibility under the federal Safe Drinking Water Act and the New Jersey Safe Drinking Water Act to assure safe drinking water for both citizens of New Jersey and visitors.

### **Annual State Public Water System Reports**

The annual compliance summary report that States are required to submit to USEPA provides a total annual representation of the numbers of violations for each of four categories (MCLs, treatment techniques, variances and exemptions, and significant monitoring violations), as well as names of the systems with violations. USEPA stores these violation data in the Safe Drinking

Water Information System (SDWIS), on which this report is based.

### Public Water Systems

A public water system provides water 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 public water systems: community (such as towns), nontransient noncommunity (such as schools or factories with their own wells), or transient noncommunity systems (such as rest stops or parks with their own wells). When the term “public water system” is used in this report, it means systems of all types unless specified otherwise.

At the end of 2009, New Jersey listed 3,979 public water systems in its inventory. These included 616 community water systems, 823 nontransient noncommunity water systems, and 2,540 transient noncommunity water systems. The number of systems constantly changes due to mergers, opening and closing of businesses, hookups of nontransient noncommunity or transient noncommunity water systems to community water systems, or changes in use that result in fewer than 25 people being served. Table 1 depicts changes in the number of public water systems since 1996; numbers for 2004-2006 are estimated:

**Table 1: Public Water Systems in New Jersey**

<b>Year</b>	<b>Community Water Systems</b>	<b>Nontransient Noncommunity Water Systems</b>	<b>Transient Noncommunity Water Systems</b>	<b>Total</b>
2009	616	823	2,540	3,979
2008	614	845	2,510	3,969
2007	617	871	2,602	4,090
2006	615	870	2,613	4,098
2005	613	869	2,625	4,107
2004	611	868	2,637	4,116
2003	609	867	2,649	4,125
2002	604	884	2,650	4,138
2001	606	891	2,689	4,186
2000	606	936	2,707	4,249
1999	616	968	2,839	4,423
1998	615	962	2,887	4,464
1997	612	1,034	3,066	4,712
1996	612	1,038	3,090	4,740

### Maximum Contaminant Level

USEPA sets national limits on contaminant levels, known as Maximum Contaminant Levels or MCLs, in drinking water to ensure it is safe for human consumption.

The New Jersey Safe Drinking Water Act outlines procedures for setting State drinking water standards, which must be equal to or stricter than federal standards. As a result, twelve volatile organic compounds, one synthetic organic compound (chlordane), and one inorganic compound (arsenic) have New Jersey MCLs stricter than federal MCLs (Table 2).

**Table 2: Inorganic, Volatile Organic and Synthetic Organic Compounds Regulated Differently as Primary Contaminants by NJDEP and USEPA**

Contaminant	New Jersey MCL (ug/l)	USEPA MCL (ug/l)
Arsenic	5	10
Benzene	1	5
Carbon Tetrachloride	2	5
Chlordane	0.5	2
1,2-Dichloroethane	2	5
1,2-Dichloroethylene	2	7
Methylene Chloride	3	5
Monochlorobenzene	50	100
Tetrachloroethylene	1	5
1,2,4-Trichlorobenzene	9	70
1,1,1-Trichloroethane	30	200
1,1,2-Trichloroethane	3	5
Trichloroethylene	1	5
Xylenes	1,000	10,000

In addition, five volatile organic compounds regulated as primary contaminants by New Jersey are not federally regulated (Table 3). The remaining USEPA-regulated compounds share the same MCL, federal or state.

**Table 3: Volatile Organic Compounds Regulated as Primary Contaminants by NJDEP that are not Federally Regulated**

Contaminant	New Jersey MCL (ug/l)
1,3-Dichlorobenzene	600
1,1-Dichloroethane	50
Methyl tertiary Butyl Ether	70
Naphthalene	300
1,1,2,2-Tetrachloroethane	1

All regulated contaminants and their federal and state MCLs appear in Table 8.

### Treatment Techniques

For some contaminants, USEPA establishes treatment techniques instead of an MCL to control unacceptable levels of certain contaminants. For example, treatment techniques have been established for viruses, bacteria, and turbidity.

## **Variations and Exemptions**

Federal primary drinking water regulations allow that variations and exemptions to specific requirements be granted in certain cases, such as raw water features mean a system cannot meet the MCL at once or a small system cannot afford to meet non-microbial MCLs, but only if public health is protected and other conditions are met. As NJDEP has never issued variations or exemptions, regulations on variations and exemptions (Subchapter 6) of the New Jersey Safe Drinking Water Act regulations were repealed effective November 4, 2004.

## **Monitoring**

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

Major categories of contaminants monitored in public community drinking water supplies are microbiological, inorganic chemicals including lead and copper, volatile organic chemicals, pesticides, radionuclides, turbidity and disinfection by-products, including total trihalomethanes and total haloacetic acids.

## **Significant Consumer Notification Violations**

The federal Safe Drinking Water Act requires all community water systems to produce and distribute a Consumer Confidence Report (CCR) to all customers of the system. This CCR contains summary information about the water system, including test results from the previous calendar year, “plain” language about drinking water in general, any MCL violations or Action Level<sup>1</sup> exceedances, and sources of drinking water. Reports must be sent to customers by July 1 each year containing previous year test results; violations involve failure to submit an annual report to their customers by July 1.

## **Additional Monitoring in New Jersey**

### **Radiological**

Sampling of wells tapping southern New Jersey’s Cohansey aquifer has shown elevated levels of naturally occurring radioactivity, with a significant portion of the gross alpha particle activity detected due to the presence of radium 224, a radionuclide with a half-life of 3.7 days. There is no federal or state standard for radium 224; only community water systems are currently required to sample for gross alpha particle activity.

As a result, NJDEP began requiring analysis of drinking water samples for gross alpha particle activity within 48 hours, instead of up to a year after collection as allowed by the Federal Rule. If

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<sup>1</sup> An Action Level exceedance is not a violation but can trigger other requirements that include water quality parameter monitoring, corrosion control treatment, source water monitoring/treatment, public education, and lead service line replacement.



samples are analyzed quickly, gross alpha particle activity is detected that would not normally be detected due to radium 224's short half-life. The New Jersey Drinking Water Quality Institute (DWQI), a 15-member advisory body to NJDEP on drinking water issues, determined in 2002 that analyzing samples within 48 hours for gross alpha particle activity protects public health and therefore a MCL for radium 224 was not needed.

### **Volatile Organic Chemicals and Synthetic Organic Chemicals**

Transient noncommunity water systems are not required by federal law to sample for volatile organic chemicals or synthetic organic chemicals. However, several such systems in New Jersey report to the State on these tests, because the State sampled these water supplies during investigation into nearby groundwater contamination or (less often) they initiated sampling on their own. In either case, if an MCL is exceeded, an MCL violation letter is issued and NJDEP works with the transient noncommunity water system to bring it into compliance as soon as possible.

## **Summary of Violation Data**

Individual water system MCL and treatment technique violations for community and noncommunity water systems appear in Appendices B and D, respectively. Appendix C lists community water system action level violations of the Lead and Copper Rule; nontransient noncommunity Lead and Copper Rule violations appear in Appendix E.

Following is a summary of 2009 violation data for each contaminant group, followed by consumer notification violations.

### **Microbiological**

**MCL Violations.** As depicted in Table 4, the total number of Total Coliform Rule MCL violations increased in 2009 (280) compared to 2008 (200). Of those violations, 59 acute violations occurred in 2009 compared to 52 in 2008, and the number of monthly violations increased to 221 in 2009 from 148 in 2008.

Microbial quality as measured by the Total Coliform Rule continues to yield good results for the monitoring performed in 2009. The percentage of public water systems with a Total Coliform Rule MCL violation for public water systems rose (5.6% in 2009, 3.7% in 2008). The number of systems with acute Total Coliform Rule MCL violations rose from 2008 (43) to 2009 (49), and the number of systems with monthly Total Coliform Rule MCL violations (174) in 2009 was higher than in 2008 (117). Because 20,000 or more total coliform tests are run each year, with between one and several hundred microbiological samples for each public water system, about 99% of these samples are better than the standard for total coliform.

Table 4 (next page) shows acute and monthly Total Coliform Rule MCL violations since 1996.

**Monitoring/Reporting Violations.** Table 5 depicts the Total Coliform Rule monitoring/ reporting violations (387) for all public water systems in 2009, which is higher than in 2008 (247). Out of 3,979 PWS, 235 public water systems (6%) missed sampling at least once during 2009.

**Table 4: Total Coliform Rule MCL Violations for all Public Water Systems**

Year	Total Coliform Rule MCL Violations			Systems with Total Coliform Rule MCL Violations			
	Acute	Monthly	Total	Acute	Monthly	Total	Percent
2009	59	221	280	49	174	223	5.6
2008	52	148	200	43	117	148	3.7
2007	46	176	222	39	146	165	4.0
2006	32	166	202	28	141	148	3.6
2005	22	182	204	20	140	146	3.6
2004	6	116	123	6	105	110	2.7
2003	21	172	193	21	129	131	3.6
2002	22	167	189	19	139	139	3.3
2001	41	229	270	40	195	198	4.7
2000	31	264	295	30	198	199	4.7
1999	44	181	225	41	141	143	3.2
1998	25	113	138	25	105	106	2.4
1997	15	122	137	14	95	109	2.3
1996	38	134	172	35	112	115	2.4

**Table 5: Total Coliform Rule Monitoring/Reporting Violations for all Public Water Systems**

Year	Total Coliform Rule Monitoring/Reporting Violations	Systems with Total Coliform Rule Monitoring/Reporting Violations	Percentage of Systems that Missed Sampling at Least Once During the Year
2009	387	235	6%
2008	247	197	5%
2007	325	255	6%
2006	318	238	6%
2005	531	376	9%
2004	413	308	7%
2003	817	600	14%
2002	645	464	11%
2001	692	477	11%
2000	1,070	667	16%
1999	1,468	859	19%
1998	1,736	972	22%
1997	2,195	1,216	26%
1996	2,805	1,384	29%

Treatment Technique Violations. Surface water systems or ground water under the direct influence of surface water systems serving 10,000 or more people must comply with the Interim Enhanced

Surface Water Treatment Rule. For systems using conventional filtration or direct filtration, the turbidity level of representative samples of a system's filtered water must be less than or equal to 0.3 NTU (nephelometric turbidity units) in at least 95 percent of the measurements taken each month. The turbidity level of representative samples of a system's filtered water must at no time exceed 1 NTU. There were no treatment technique violations for 2009.

## **Organic Chemicals**

### **Volatile Organic Compounds (VOC) Rule:**

MCL Violations. Of the community water systems and nontransient noncommunity water systems that monitored for VOCs in 2009, 3 MCL violations were issued at three systems for volatile organic compounds (in 2008, 11 MCL violations at four systems).

Monitoring/Reporting Violations. As seen in Table 6 (next page), a total of 47 water systems had at least one VOC monitoring violation. The total number of monitoring/reporting violations for VOCs in Table 6 is 847, which is an increase from 2008. This is remarkable given that 1) each missed VOC sample gets counted as 26 separate monitoring/reporting violations, representing each of the 26 New Jersey regulated VOC compounds, and 2) some water systems have many entry points (treatment plants) each of which is monitored and can be assessed a violation for insufficient quarterly follow-up samples as a result of a detection of a VOC in the water system in 2009. For purposes of this 2009 report, the number of violations also includes those systems that did not sample in the correct year of the three-year compliance period (2008-2010).

### **Synthetic Organic Compounds (SOCs) Rule:**

MCL Violations. This group of compounds, mostly pesticides, benefits from the extensive studies and the monitoring and waiver program that has been developed. Every three years, community and nontransient noncommunity water systems are required to either sample for certain SOCs or obtain a waiver from sampling. Most affected public water systems in New Jersey obtain waivers from sampling. As part of this waiver process, every three years (including 2009) the Bureau of Safe Drinking Water Technical Assistance collects samples from a select number of wells that serve community and nontransient noncommunity water systems and nearly all surface water bodies that supply water to community and nontransient noncommunity water systems. Surface water samples are taken under both storm conditions and base flow conditions. Raw water samples (before any treatment) are taken from ground water systems when possible. If significant detections are found in the raw water samples, another raw water sample and a finished water (point of entry) sample are collected.

Monitoring/Reporting Violations. As NJDEP conducts targeted statewide SOC monitoring, there were no requirements for routine monitoring and thus no monitoring/reporting violations in 2009.

**Table 6: Volatile Organic Compound Monitoring/Reporting Violations**

<b>Year</b>	<b>Volatile Organic Compound Monitoring/Reporting Violations</b>	<b>Systems with Volatile Organic Compound Monitoring/Report Violations</b>
2009	840	47
2008	735	31
2007	1,698	75
2006	1,701	55
2005	7,032	161
2004	8,050	221
2003	13,702	215
2002	8,242	131
2001	7,098	116
2000	10,972	159
1999	13,676	208
1998	12,740	181
1997	16,926	229
1996	15,756	176

**Total Trihalomethanes, Total Haloacetic Acids and Disinfectant Byproduct Precursors:**

MCL Violations. There were 3 MCL violations at two systems for total trihalomethanes in 2009 (none in 2008) and 1 MCL violation for total haloacetic acids (none in 2008).

Monitoring/Reporting Violations. There were 58 monitoring/reporting violations at 34 systems for trihalomethanes, and 59 monitoring/reporting violations at 35 systems for haloacetic acids in 2009. This compares to 91 monitoring/reporting violations at 54 systems for trihalomethanes, and 90 monitoring/reporting violations at 54 systems for haloacetic acids in 2008.

**Inorganic Chemicals (IOCs)**

MCL Violations. Excluding nitrate, in 2009 there were 41 MCL violations at 12 systems for inorganic chemicals, all for arsenic. This compares to 78 MCL violations at 20 systems for non-nitrate inorganics (all arsenic) in 2008. The improvement might reflect systems adjusting to the new MCL (5 micrograms per liter, from 50) that became effective in 2006.

In 2009, 28 nitrate MCL violations occurred at 19 water systems, compared to 27 in 20 systems in 2008. Only seven of these violations occurred in two community water systems, so the problem was with noncommunity water systems (Table 7).

Asbestos monitoring was not required for community and noncommunity systems, but will be required again during the 2011-2013 monitoring period.

**Table 7: Nitrate MCL and Monitoring/Reporting Violations**

<b>Year</b>	<b>Nitrate MCL Violations</b>	<b>Systems with Nitrate MCL Violations</b>	<b>Percent</b>	<b>Nitrate Monitoring/Reporting Violations</b>	<b>Systems with Nitrate Monitoring/Reporting Violations</b>	<b>Percent</b>
2009	28	19	0.5	158	158	4.0
2008	27	20	0.5	192	185	4.7
2007	39	27	0.7	153	137	3.3
2006	46	33	0.8	276	229	5.6
2005	46	28	0.7	423	343	8.4
2004	63	39	0.9	334	275	6.7
2003	42	30	0.7	726	439	10.6
2002	33	21	0.5	438	323	7.8
2001	29	18	0.4	403	290	6.9
2000	24	19	0.4	538	403	9.5
1999	29	26	0.6	642	540	12.2
1998	17	17	0.4	696	596	13.4
1997	24	19	0.4	1,258	1,035	22.0
1996	41	28	0.6	1,594	1,269	26.8

Monitoring/Reporting Violations. Total nitrate monitoring/reporting violations went from 192 in 2008 to 158 in 2009 (Table 7). Systems with nitrate monitoring/reporting violations went from a total of 185 in 2008 to 158 in 2009.

**Lead and Copper Rule:**

Action Level Violations. In 2009, 58 Action Level (AL) violations for lead occurred for 49 systems, while 44 copper violations occurred for 36 systems. This compared to 2008 figures of 53 community water systems with 59 lead AL violations and 44 systems with 56 copper AL violations.

Monitoring/Reporting Violations. There were 53 M/R violations for 50 systems in 2009, compared to 98 violations for 90 systems in 2008.

**Radiological Rule:**

MCL Violations. During 2009, 11 community water systems violated the gross alpha standard, and 9 systems violated the radium 226/228 standard, for a total of 60 violations. During 2008, seven community water systems each violated the gross alpha standard or the radium 226/228 standard, while two violated the uranium MCL for a total of 51 violations.

Monitoring/Reporting Violations. A total of 86 monitoring/reporting violations for gross alpha and 86 for radium 226/228 in 2009, for a total of 172 in 29 systems. There were 64 in 13 systems in

2008.

**Consumer Notification Violations:**

Some 57 community water systems (CWS) did not submit the required Certification of their 2009 Consumer Confidence Report (representing 2008 drinking water test results). These have been referred to the Division of Water and Land Use Enforcement for appropriate enforcement action.

**Summary**

The quality of New Jersey's public drinking water continues to be excellent. Overall, the Water Supply Operations Element (WSOE), with support from NJDEP's Water Compliance and Enforcement Element, and county health agencies, continues progress in addressing MCL, treatment technique, and monitoring violations. The WSOE capacity development strategy is targeted to assist public water systems with a history of significant non-compliance to achieve compliance, and we expect continued improvements over the next several years.

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

**Table 8**  
**Summary of MCL, Treatment Technique, and Monitoring and Reporting Violations for 2009**  
(with SDWIS Codes)

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
	Organic Contaminants								
2981	1,1,1-Trichloroethane	0.2	0.03	0	0			43	40
2977	1,1-Dichloroethylene	0.007	0.002	0	0			43	40
2985	1,1,2-Trichloroethane	0.005	0.003	0	0			43	40
2378	1,2,4-Trichlorobenzene	0.07	0.009	0	0			43	40
2931	1,2-Dibromo-3-chloropropane (DBCP)	0.0002		0	0			0	0
2980	1,2-Dichloroethane	0.005	0.002	0	0			43	40
2983	1,2-Dichloropropane	0.005		0	0			43	40
2063	2,3,7,8-TCDD (Dioxin)	$3 \times 10^{-8}$		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2110	2,4,5-TP	0.05		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2105	2,4-D	0.07		0	0			0	0
2265	Acrylamide					0	0		

\* Values are in milligrams per liter (mg/l) unless otherwise specified

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
2051	Alachlor	0.002		0	0			0	0
2050	Atrazine	0.003		0	0			0	0
2990	Benzene	0.005	0.001	0	0			43	40
2306	Benzo[a]pyrene	0.002		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2046	Carbofuran	0.04		0	0			0	0
2982	Carbon tetrachloride	0.005	0.002	0	0			43	40
2959	Chlordane	0.002	0.0005	Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2380	Cis-1,2-Dichloroethylene	0.07		0	0			43	40
2031	Dalapon	0.2		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2035	Di(2-ethylhexyl)adipate	0.4		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2039	Di(2-ethylhexyl)phthalate	0.006		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2964	Methylene chloride	0.005	0.003	0	0			43	40
2041	Dinoseb	0.007		0	0			0	0

\*Values are in milligrams per liter (mg/l) unless otherwise specified.



State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
2032	Diquat	0.02		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2033	Endothall	0.1		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2005	Endrin	0.002		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2257	Epichlorohydrin					0	0		
2992	Ethylbenzene	0.7		0	0			0	0
2946	Ethylene dibromide (EDB)	0.00005		0	0			0	0
2034	Glyphosate	0.7		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2065	Heptachlor	0.00004		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2067	Heptachlor epoxide	0.0002		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2274	Hexachlorobenzene	0.001		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver

\* Values are in milligrams per liter (mg/l) unless otherwise specified.

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
2042	Hexachlorocyclopentadiene	0.05		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2010	Lindane	0.0002		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2015	Methoxychlor	0.04		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2989	Monochlorobenzene	0.1	0.05	0	0			43	40
2968	1,2-Dichlorobenzene	0.6		0	0			43	40
2969	1,4-Dichlorobenzene	0.075		0	0			43	40
2383	Total polychlorinated biphenyls	0.0005		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2326	Pentachlorophenol	0.001		0	0			0	0
2987	Tetrachloroethylene	0.005	0.001	0	0			42	39
2984	Trichloroethylene	0.005	0.001	1	1			44	40
2996	Styrene	0.1		0	0			43	40
2991	Toluene	1		0	0			43	40
2979	Trans-1,2-Dichloroethylene	0.1		0	0			43	40
2955	Xylenes (total)	10	1	0	0			50	45

\* Values are in milligrams per liter (mg/l) unless otherwise specified.

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
2020	Toxaphene	0.003		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2036	Oxamyl	0.2		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2040	Picloram	0.5		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2037	Simazine	0.004		Statewide waiver	Statewide water			Statewide waiver	Statewide waiver
2976	Vinyl chloride	0.002		0	0			43	40
2967	1,3-Dichlorobenzene		0.6	0	0			0	0
2978	1,1-Dichloroethane		0.05	0	0			0	0
2251	Methyl tertiary-butyl ether		0.07	2	2			0	0
2248	Napthalene		0.3	0	0			0	0
2988	1,1,2,2-Tetrachloroethane		0.001	0	0			0	0
	<b>Subtotal Organics</b>			3	3			840	47

\* Values are in milligrams per liter (mg/l) unless otherwise specified.

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
	Inorganic Contaminants								
1074	Antimony	0.006		0	0			3	2
1005	Arsenic	0.01	0.005	41	12			10	5
1094	Asbestos	7 million fibers/l >10 $\mu$ m/l		0	0			0	0
1010	Barium	2		0	0			3	2
1075	Beryllium	0.004		0	0			3	2
1015	Cadmium	0.005		0	0			3	2
1020	Chromium	0.1		0	0			3	2
1024	Cyanide (as free cyanide)	0.2		0	0			3	2
1025	Fluoride	4.0		0	0			3	2
1035	Mercury	0.002		0	0			3	2
1036	Nickel							4	3
1040	Nitrate	10 (as Nitrogen)		28	19			158	158
1041	Nitrite	1 (as Nitrogen)		0	0			0	0

\* Values are in milligrams per liter (mg/l) unless otherwise specified.

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
1045	Selenium	0.05		0	0			3	2
1085	Thallium	0.002		0	0			3	2
1038	Total nitrate and nitrite	10 (as Nitrogen)		See SDWIS code 1040	See SDWIS code 1040			See SDWIS code 1040	See SDWIS code 1040
	<b>Subtotal inorganics</b>			69	31			202	62

\* Values are in milligrams per liter (mg/l) unless otherwise specified.

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
	Radionuclide MCLs								
4000	Gross alpha	15 pCi/l		32	11			86	29
4010	Radium-226 and -228	5 pCi/l		28	9			86	29
4101	Gross beta	4 mrem/yr		0	0			0	0
URM	Uranium		0.03	0	0			0	0
	<b>Subtotal radionuclides</b>			60	12			172	29

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
	Total Coliform Rule								
21	Acute MCL Violation	Presence		59	49				
22	Non-acute (monthly) MCL violation	Presence		221	174				
23, 25	Major routine and follow up monitoring							387	235
28	Sanitary survey*							0	0
	<b>Subtotal Total Coliform Rule</b>			280	220			387	235

\*Number of major monitoring violations for sanitary survey under the Total Coliform Rule.

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
	Surface Water Treatment Rule								
	Filtered systems								
36	Monitoring, routine/repeat*							0	0
41	Treatment techniques					2	2		
	Unfiltered systems								
31	Monitoring, routine/repeat							0	0
42	Failure to filter					0	0		
	<b>Subtotal Surface Water Treatment Rule</b>					2	2	0	0

\* Monitoring and reporting compliance was not run for this SDWIS code for the calendar year 2009.



State:	New Jersey
Reporting Interval:	January 1, 2009 - December 31, 2009

SDWIS Codes		MCL		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
	Interim Enhanced Surface Water Treatment Rule								
	Filtered systems								
38	Monitoring, routine/repeat							0	0
37	Treatment techniques					0	0		
43	Treatment techniques					1	1		
44	Treatment techniques					1	1		
47	Treatment Techniques					0	0		
	<b>Subtotal Interim Enhanced Surface Water Treatment Rule</b>					2	1	0	0

State:	New Jersey
Reporting Interval:	January 1, 2009 - December 31, 2009

SDWIS Codes		MCL/ MRDL* (µg/l)		MCL/.MRDL Violations		Treatment Technique Violations		Significant Monitoring/Reporting	
		Federal MCL/ MRDL	State MCL/ MRDL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
	Stage 1 Disinfectants and Disinfection Byproducts Rule								
27	Monitoring and Reporting (59 HAA5 for 35 systems; 58 TTHM for 34 systems)							117	39
02	Average MCL (TTHMS)	80		3	2				
02	Average MCL (HAA5)	60		1	1				
02	Average MCL Bromate	10		0	0				
02	Average MCL Chlorite	1000		0	0				
11	MRDL Chlorine	4.0 ppm as chlorine		0	0				
11	MRDL Chloramine	4.0 ppm as chlorine		0	0				
11	MRDL Chlorine Dioxide	800		0	0				
13	MRDL Acute			0	0				
12, 37, 46	Treatment Techniques					2	2		
	<b>Subtotal of Stage 1 Disinfectants and Disinfection Byproducts Rule</b>			4	3	2	2	117	39

\*Values are in micrograms per liter (µg/l) unless otherwise specified.

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		Action Level (µg/l)		Action Level Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal Action Level	State Action Level (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
PB	Lead		15	58	49				
CU	Copper		1,300	44	36				
	Lead and Copper Rule								
58,62	Treatment installation					0	0	15	12
65	Public Education					0	0	38	38
	<b>Subtotal Lead and Copper Rule</b>			102	79	0	0	53	50

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

SDWIS Codes		MCL		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
	Consumer Confidence Reporting								
71	Significant Consumer Notification Violations*							0	0

\* Some 57 community water systems (CWS) did not submit the required Certification of their 2009 Consumer Confidence Report (representing 2008 drinking water test results). The Division of Water and Land Use Enforcement has been asked to pursue appropriate enforcement actions.

State:	New Jersey
Reporting Interval:	January 1, 2009- December 31, 2009

**Table 9**  
**Summary of MCL, Treatment Technique, and Monitoring and Reporting Violations**  
**for Transient Noncommunity Water Systems in 2009**  
(with SDWIS Codes)

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
	Organic Contaminants for transient noncommunity water systems								
2977	1,1 Dichloroethylene	0.007	0.002	0	0				
2984	Trichloroethylene	0.005	0.001	0	0				
2987	Tetrachloroethylene	0.005	0.001	0	0				

\*Values are in milligrams per liter (mg/l) unless otherwise specified

## Definitions for Violations Tables 8 and 9

*The following definitions apply to the Summary of Violations table:*

**Consumer Confidence Reports:** SDWIS Violation Code 71 indicates that a Community Water System failed to submit a Consumer Confidence Report as required by the federal Safe Drinking Water Act.

**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. USEPA has established MCLs for 15 inorganic contaminants [40 CFR 141.62].

**Interim Enhanced Surface Water Treatment Rule (IESWTR):** IESWTR 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 P]. Violations of the IESWTR are to be reported for the following two categories:

*Treatment techniques (for filtered systems):* Treatment technique violation codes show a system's failure to properly treat its water. SDWIS Violation Codes 37 is for a change in disinfection without state approval. SDWIS Violation Code 43 is for failure to achieve turbidity <1.0 NTU in all samples. SDWIS Violation Code 44 is for failure to achieve turbidity < 0.3 NTU in 95% of samples and SDWIS Violation Code 47 is for construction of uncovered finished water storage cell.

Monitoring Reporting (for filtered systems): A major Interim Enhanced Surface Water Treatment Rule (IESWTR) monitoring/reporting violation occurs under the following seven conditions:

SDWIS Violation code 29 occurs under the following conditions:

- Failure to report filter profile after turbidity > 0.5 in two consecutive measurements 15 minutes apart after first 4 hours after filter taken offline.
- Failure to report filter profile after turbidity >1.0 in 2 consecutive measurements, 15 minutes apart.
- Failure to report self-assessment of filter within 14 days of turbidity exceedance (>1.0 in 2 consecutive measurements 15 minute apart, 3 consecutive months.)
- Failure to conduct CPE within 30 days after turbidity exceedance (>2.0 in 2 consecutive measure. 15 min apart, 2 consecutive months.)

SDWIS Violation Code 38 occurs under the following conditions:

- Collecting < 90% of filter effluent samples for turbidity and reporting within 10 days after each month.
- Failure to report that the public water system has conducted all filter monitoring to state within 10 days after end of each month.
- Failure to report that the system exceeded turbidity standard in representative samples by end of next business day.

A minor violation under the IESWTR of SDWIS code 38 occurs for any other failure to monitor and report.

*Record Keeping Violation:* SDWIS Violation Code 09 is for any record keeping violation which occurs when there is a failure to maintain filter monitoring records for 3 years (filter results every 15 minutes).

**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 monitoring/reporting: 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 monitoring/reporting: 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 USEPA or NJDEP 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.

**Maximum Residual Disinfectant Level (MRDL)**: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**Monitoring**: USEPA 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 the USEPA or NJDEP schedule or methodology is in violation [40 CFR 141].



States must report monitoring violations that are significant as determined by the USEPA 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 generally get into water through runoff from cropland or discharge from factories. USEPA 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. USEPA 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 Public Water System Annual Compliance Report, which is to be submitted to USEPA by June 30 of each year. This interval will change for future annual reports.

**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/reporting (M/R) requirements. Four-digit SDWIS Contaminant Codes have also been included in the chart for specific MCL contaminants.

**Surface Water Treatment Rule (SWTR):** 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 USEPA.

**Stage 1 Disinfectants and Disinfection Byproducts Rule (Stage 1 DBPR):** This rule applies to all community water systems and nontransient noncommunity water system that add a chemical disinfectant in any part of the drinking water treatment process and transient noncommunity water system using chlorine dioxide. The Stage 1 DBPR includes maximum residual disinfectant levels (MRDLs) and maximum residual disinfectant level goals (MRDLGs) which are similar to MCLs and MCLGs (Maximum Contaminant Level Goals, or health-based goals) but for disinfectants. [40 CFR 141, Subpart L]. Violations of the Stage 1 DBPR are to be reported for the following three categories:

Treatment Techniques: SDWIS Violation Code 12 is for failure to have a qualified operator. SDWIS Code 37 is for failure to get state approval for a change in treatment. SDWIS Code 46 is for failure to meet disinfectant byproduct precursor removal (TOC).

Maximum Contaminant Level (MCL) and Maximum Residual Disinfectant Levels (MRDL):

SDWIS Violation Code 02 is an MCL Violation that occurs when:

- Average of any three-sample set exceeds the MCL of 1.0 mg/L for chlorite.
- Running annual averages computed quarterly of monthly samples exceeds the MCL of 0.010 mg/L for bromate.
- Running annual averages computed quarterly of quarterly averages of available samples exceeds 0.060 mg/L for HAA5.
- Running annual averages computed quarterly of quarterly averages of available samples exceeds 0.080 mg/L for TTHM.

SDWIS Violation Code 11 is an MRDL Violation that occurs when:

- Any two consecutive daily samples exceed 0.8 mg/L and all distribution samples are less than 0.8 mg/L for chlorine dioxide (non-acute violation).
- Annual average computed quarterly, of monthly averages exceeds 4.0 mg/L for chloramines (exception if microbial contamination problems).
- There is an exceedance of MRDL of 4.0 mg/L for chlorine (exception of microbial contamination problems in distribution system).

SDWIS Violation Code 13 is an MRDL violation that occurs when:

- Any of three required distribution samples taken on day after a daily entry point sample MRDL exceeds 0.8 mg/L for chlorine dioxide (acute violation).

Monitoring Reporting: SDWIS Violation Code 27 addresses insufficient sample collection for samples required under the Stage 1 DBPR.

**Total Coliform Rule:** The Total Coliform Rule establishes regulations for microbiological contaminants in drinking water. These contaminants can cause short-term health problems. If no samples are collected during the one-month compliance period, a significant

monitoring violation occurs. States are to report four categories of violations:

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

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

*Major routine and follow-up monitoring:* SDWIS Violation Codes 23 AND 25 shows 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 USEPA 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.

## **Appendix A**

The Safe Drinking Water Act Amendments of 1996 includes the following as a specific requirement:

### **(A) ANNUAL REPORT BY STATE**

#### **Section 1414(c)(3)(A)(i)**

**IN GENERAL** – Not later than January 1, 1998, and annually thereafter, each State that has primary enforcement responsibility under section 1413 shall prepare, make readily available to the public, and submit to the Administrator an annual report on violations of national primary drinking water regulations by public water systems in the State, including violations with respect to (I) maximum contaminant levels, (II) treatment requirements, and (III) variances and exemptions, and (IV) monitoring requirements determined to be significant by the Administrator (of USEPA) after consultation with the States.

#### **Section 1414(c)(3)(A)(ii)**

**DISTRIBUTION** – The State shall publish and distribute summaries of the report and indicate where the full report is available for review.

## Appendix B: Community Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ0108004	Norms Dale Mobile Home Park	Coliform, Acute	8/31/2009
NJ0113001	Hammonton Water Dept	Radium, Combined (226, 228)	6/30/2009
		Radium, Combined (226, 228)	9/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	3/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	9/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	6/30/2009
		Radium, Combined (226, 228)	3/31/2009
NJ0231001	Passaic Valley WC Lodi WD	Coliform, Total	9/30/2009
NJ0257001	Saddle Brook Water Dept	Coliform, Total	10/31/2009
NJ0265001	Wallington Water Dept	Coliform, Total	2/28/2009
NJ0303001	Bordentown Water Dept	Gross Alpha, incl Radium & Uranium, excl Radon	6/30/2009
NJ0326003	Hanover East Apartments	Coliform, Total	9/30/2009
		Coliform, Total	10/31/2009
NJ0329004	Pemberton Twp Dept Main	Radium, Combined (226, 228)	12/31/2009
		Radium, Combined (226, 228)	9/30/2009
		Radium, Combined (226, 228)	6/30/2009
		Coliform, Total	7/31/2009
NJ0436007	Winslow Twp DMU	Radium, Combined (226, 228)	6/30/2009
		Radium, Combined (226, 228)	9/30/2009
		Radium, Combined (226, 228)	12/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	6/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	3/31/2009
		Radium, Combined (226, 228)	9/30/2009
NJ0436010	Winslow Court Homes Inc	Coliform, Total	9/30/2009
NJ0601001	Bridgeton City Water Dept	Radium, Combined (226, 228)	3/31/2009
		Radium, Combined (226, 228)	3/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	3/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	3/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	6/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	6/30/2009
		Radium, Combined (226, 228)	6/30/2009
NJ0613004	Upper Deerfield Twp Water Dept	Radium, Combined (226, 228)	6/30/2009
		Radium, Combined (226, 228)	3/31/2009
		Radium, Combined (226, 228)	9/30/2009
		Radium, Combined (226, 228)	12/31/2009
		Gross Alpha, incl Radium & Uranium, excl Radon	6/30/2009
		Gross Alpha, incl Radium & Uranium, excl Radon	3/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	9/30/2009

## Appendix B: Community Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ0613004	Upper Deerfield Twp WD (cont'd)	Gross Alpha, incl Radium, excl Radon & Uranium	12/31/2009
NJ0614002	Berrymans Branch MHP	Nitrate (As N)	6/30/2009
NJ0614003	Vineland Water & Sewer Utility	Radium, Combined (226, 228)	6/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	6/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	9/30/2009
		Radium, Combined (226, 228)	3/31/2009
		Radium, Combined (226, 228)	3/31/2009
		Methyl Tert-Butyl Ether (Mtbe)	3/31/2009
NJ0614005	Fairview Manor MHP	Trichloroethylene	3/31/2009
NJ0702001	Bloomfield Water Dept	Coliform, Total	6/30/2009
NJ0702001	Bloomfield Water Dept (cont'd)	Coliform, Total	7/31/2009
NJ1001301	Valley View Manor	Arsenic	3/31/2009
		Arsenic	9/30/2009
		Arsenic	12/31/2009
		Arsenic	6/30/2009
NJ1006302	Rolling Hills Care Center	Coliform, Total	11/30/2009
NJ1007002	Rosemont Water Dept	Arsenic	3/31/2009
		Arsenic	6/30/2009
		Arsenic	12/31/2009
		Arsenic	9/30/2009
NJ1009001	Flemington Water Dept	Arsenic	3/31/2009
		Arsenic	9/30/2009
		Arsenic	9/30/2009
		Arsenic	6/30/2009
		Arsenic	6/30/2009
		Arsenic	6/30/2009
		Arsenic	6/30/2009
		Arsenic	3/31/2009
		Arsenic	3/31/2009
		Arsenic	3/31/2009
		Arsenic	12/31/2009
		Arsenic	12/31/2009
		Arsenic	12/31/2009
		Arsenic	9/30/2009
		Arsenic	9/30/2009
NJ1019311	Little Brook Nursing Home	Coliform, Total	7/31/2009
		Coliform, Total	10/31/2009
NJ1024002	Hunters Glen	Nitrate (As N)	3/31/2009
		Nitrate (As N)	12/31/2009

## Appendix B: Community Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1024002	Hunters Glen (cont'd)	Nitrate (As N)	9/30/2009
		Nitrate (As N)	9/30/2009
		Nitrate (As N)	3/31/2009
		Nitrate (As N)	6/30/2009
		Coliform, Total	8/31/2009
NJ1111001	Trenton Water Works	Total Trihalomethanes	9/30/2009
NJ1352004	Garden State MHP	Radium, Combined (226, 228)	6/30/2009
		Gross Alpha, incl Radium & Uranium, excl Radon	3/31/2009
		Gross Alpha, incl Radium & Uranium, excl Radon	6/30/2009
		Coliform, Total	6/30/2009
NJ1414024	YB Properties LLC	Coliform, Total	2/28/2009
		Coliform, Total	4/30/2009
NJ1417001	Madison Water Dept	Coliform, Total	7/31/2009
NJ1436002	Roxbury Water Co	Coliform, Total	7/31/2009
NJ1438006	Sherwood Village	Coliform, Total	1/31/2009
NJ1511016	Meadowbrook Co-Op Inc	Coliform, Total	1/31/2009
		Coliform, Total	2/28/2009
NJ1527001	Seaside Park Water Dept	Coliform, Total	8/31/2009
NJ1603001	Manchester Utilities Authority	Coliform, Total	8/31/2009
NJ1615016	West Milford Twp MUA Olde Milford Estate	Coliform, Total	9/30/2009
NJ1710003	Picnic Grove Mobile Homes	Gross Alpha, incl Radium, excl Radon & Uranium	12/31/2009
NJ1808001	Franklin Township Dept Of Public Works	Coliform, Total	8/31/2009
NJ1918004	Sparta Twp Water Utility - Lake Mohawk	Coliform, Total	7/31/2009
NJ1922014	Great Gorge Terrace Assoc	Radium, Combined (226, 228)	6/30/2009
		Radium, Combined (226, 228)	9/30/2009
		Radium, Combined (226, 228)	12/31/2009
		Radium, Combined (226, 228)	3/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	3/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	6/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	12/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	9/30/2009
NJ1922028	Valley View Apartments	Gross Alpha, incl Radium, excl Radon & Uranium	6/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	3/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	9/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	12/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	12/31/2009
NJ2110003	Aqua NJ Harkers Hollow	Coliform, Acute	6/30/2009



## Appendix B: Community Water System 2009 MCL Violations

<b>System ID</b>	<b>System Name</b>	<b>Contaminant</b>	<b>Violation Period</b>
NJ2110003	Aqua NJ Harkers Hollow (cont'd)	Coliform, Total	7/31/2009
		Coliform, Total	12/31/2009
NJ2113003	Triple Brook Mobile Home	Coliform, Total	8/31/2009
NJ2113301	Clover Rest Home	Coliform, Total	8/31/2009
NJ2117002	Valley View Estates	Coliform, Total	10/31/2009

## Appendix C: Community Water System 2009 Action Level Exceedances

System ID	System Name	Contaminant	Violation Period
NJ0108009	Stoney Field Mobile Home Park	Copper	6/30/2009
		Copper	12/31/2009
		Lead	6/30/2009
		Lead	12/31/2009
NJ0108014	Tower East Mobile Home Park	Copper	6/30/2009
NJ0108019	Oak Forest Mobile Home Park	Lead	12/31/2009
NJ0233001	Mahwah Water Department	Lead	6/30/2009
		Lead	12/31/2009
NJ0305001	Burlington City Water Dept	Lead	6/30/2009
NJ0339001	New Lisbon Development Ctr	Lead	12/31/2009
NJ0404001	Bellmawr Water Dept	Copper	12/31/2009
NJ0605002	Tips Trailer Park & Sale	Lead	12/31/2009
NJ0701001	Belleville Water Dept	Lead	12/31/2009
		Lead	12/31/2009
NJ1014001	High Bridge Water Dept	Lead	12/31/2009
NJ1019002	Senator G.W. Hagedorn Psychiatric Hospital	Lead	6/30/2009
NJ1213313	The Gardens At Monroe	Copper	12/31/2009
NJ1309415	Brandywine Assisted Living At Colts Neck	Lead	6/30/2009
NJ1414024	YB Properties LLC	Lead	12/31/2009
NJ1427014	Mt Olive Twp W D Carlton	Lead	12/31/2009
NJ1438006	Sherwood Village	Copper	12/31/2009
NJ1511011	Luxury Community Mobile Home Park	Copper	6/30/2009
NJ1605002	Passaic Valley Water Commission	Lead	12/31/2009
NJ1714003	Bancroft Neuro Health Center	Copper	12/31/2009
NJ1715001	Woodstown Water Department	Lead	12/31/2009
NJ1905004	Sussex County Health-The Homestead	Lead	12/31/2009
NJ1911005	Hardyston TWP MUA	Copper	12/31/2009

## Appendix D: Noncommunity Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ0105308	Milmay Inn	Coliform, Acute	9/30/2009
NJ0108406	Trinity Baptist Church	Coliform, Total	9/30/2009
NJ0109302	Estell Manor School	Nitrate (As N)	6/30/2009
		Nitrate (As N)	9/30/2009
NJ0113353	Tomasello Winery Inc	Coliform, Acute	6/30/2009
NJ0117303	Elwood Primary School	Coliform, Total	11/30/2009
		Coliform, Total	12/31/2009
NJ0117307	Coffee's Tavern	Coliform, Acute	10/31/2009
NJ0117328	Sweetwater Country Cupboard	Coliform, Total	8/31/2009
NJ0120311	Chestnut Lake Campground	Coliform, Total	6/30/2009
		Coliform, Total	10/31/2009
NJ0123309	Railroad Deli	Coliform, Total	8/31/2009
NJ0205300	Rudox Engine & Equipment	Coliform, Acute	7/31/2009
NJ0212301	Candlewyck Diner	Coliform, Total	7/31/2009
NJ0215306	Englewood Service	Coliform, Acute	8/31/2009
		Coliform, Total	7/31/2009
NJ0301320	Speedy Deli	Coliform, Total	6/30/2009
NJ0304303	Riverfront Motel	Coliform, Total	12/31/2009
NJ0311302	Classic Dessert Company	Coliform, Total	5/31/2009
NJ0332326	A Child's Place	Coliform, Total	8/31/2009
NJ0335320	Russo's Fruit & Vegetable Market	Nitrate (As N)	6/30/2009
NJ0415308	Camden County Vo-Tech School	Coliform, Total	7/31/2009
NJ0415313	EZ Food Stop	Coliform, Total	10/31/2009
NJ0435401	Waterford Catholic Mens Assoc	Coliform, Total	10/31/2009
NJ0436301	Geno's	Coliform, Total	9/30/2009
NJ0436324	Johns Manville	Coliform, Total	4/30/2009
NJ0436398	Elm Fire Co	Nitrate (As N)	12/31/2009
		Nitrate (As N)	4/30/2009
		Coliform, Total	10/31/2009
		Coliform, Total	11/30/2009
NJ0505386	Historic Cold Spg Vlg Hand Pump	Coliform, Total	7/31/2009
NJ0511401	Children's Country Place	Coliform, Total	6/30/2009
		Coliform, Total	5/31/2009
NJ0602307	Commercial Twp Senior Center	Coliform, Total	12/31/2009
		Coliform, Total	11/30/2009
NJ0603301	Cumberland Cnty Technical Ed	Radium, Combined (226, 228)	6/30/2009
		Radium, Combined (226, 228)	9/30/2009
		Radium, Combined (226, 228)	12/31/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	6/30/2009
		Gross Alpha, incl Radium, excl Radon & Uranium	9/30/2009

## Appendix D: Noncommunity Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ0603301	Cumberland Cnty Technical Ed	Gross Alpha, incl Radium, excl Radon & Uranium	12/31/2009
	(cont'd)	Gross Alpha, incl Radium, excl Radon & Uranium	3/31/2009
NJ0603326	Schaper Catering	Nitrate (As N)	9/30/2009
NJ0604302	Downe Academy LLC	Coliform, Acute	9/30/2009
		Coliform, Acute	11/30/2009
		Coliform, Acute	10/31/2009
NJ0605311	Emily's Cafe	Coliform, Total	3/31/2009
NJ0606300	Morris Goodwin Greenwich	Coliform, Total	9/30/2009
		Coliform, Total	12/31/2009
NJ0607304	Camp Sheppards Mill	Nitrate (As N)	6/30/2009
NJ0607310	First Church Of Nazarene	Coliform, Total	11/30/2009
		Coliform, Total	12/31/2009
NJ0611302	Shiloh Market	Nitrate (As N)	3/31/2009
NJ0612301	Woodland Country Day School	Coliform, Acute	10/31/2009
		Coliform, Total	9/30/2009
NJ0613320	Franco's Place	Nitrate (As N)	3/31/2009
NJ0722304	The Manor Restaurant	Arsenic	3/31/2009
NJ0805312	Franklin Skating Center	Nitrate (As N)	12/31/2009
NJ0805324	Nick's Pizzeria And Steak	Coliform, Total	9/30/2009
		Coliform, Total	10/31/2009
NJ0805384	Malaga Diner	Coliform, Total	6/30/2009
NJ0805410	Camp Sacajawea - Mohawk Lodge	Coliform, Total	9/30/2009
NJ0818372	TLC Daycare Center Inc	Coliform, Total	9/30/2009
NJ1006325	Mimma's Pizza	Coliform, Total	10/31/2009
NJ1006340	Hunterdon Group	Coliform, Total	12/31/2009
NJ1006346	Red Horse Shoppes	Methyl Tert-Butyl Ether	9/30/2009
NJ1006373	Acorn Montessori Great Oak 1a	Coliform, Total	9/30/2009
NJ1008315	Catering By Maddalenas	Coliform, Total	9/30/2009
NJ1019304	Tuscany Grill	Coliform, Acute	6/30/2009
NJ1021318	Metro Cafe & Diner	Coliform, Total	9/30/2009
NJ1021351	Hitran Corp	Coliform, Total	8/31/2009
NJ1021373	Flemington Lodge #1829	Coliform, Total	1/31/2009
NJ1021405	Reagent Chemical & Research	Coliform, Total	6/30/2009
NJ1021407	Jakes Restaurant	Coliform, Total	8/31/2009
NJ1021421	Verduccia Verducci Plaza	Arsenic	3/31/2009
NJ1021425	Bartles Corner Business Park Bldg 2	Coliform, Acute	10/31/2009
		Coliform, Total	11/30/2009
		Coliform, Total	12/31/2009
NJ1022305	Berry Patch Early Learning	Arsenic	12/31/2009
		Arsenic	9/30/2009
NJ1022327	Hanami	Coliform, Total	9/30/2009

## Appendix D: Noncommunity Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1022333	Bagelsmith	Coliform, Acute	8/31/2009
NJ1022383	Luna Restaurant	Coliform, Acute	6/30/2009
		Coliform, Total	5/31/2009
NJ1022385	Bohem Golf	Coliform, Acute	10/31/2009
NJ1024315	Ross & Owren	Coliform, Total	10/31/2009
		Coliform, Total	11/30/2009
NJ1025300	State Of NJ Spruce Run Recreat	Coliform, Total	1/31/2009
NJ1025305	Johnny's Truck Stop	Coliform, Acute	10/31/2009
		Coliform, Acute	11/30/2009
		Coliform, Total	9/30/2009
NJ1025327	P Jax Inc	Coliform, Total	7/31/2009
NJ1026301	ESC School	Arsenic	3/31/2009
		Arsenic	12/31/2009
		Arsenic	9/30/2009
		Arsenic	6/30/2009
NJ1026318	Mt. Airy Happy Time School	Arsenic	3/31/2009
		Arsenic	6/30/2009
		Arsenic	12/31/2009
		Arsenic	9/30/2009
		Coliform, Total	1/31/2009
		Coliform, Total	2/28/2009
NJ1106305	Faherty's Pub	Coliform, Total	9/30/2009
		Coliform, Total	10/31/2009
NJ1106308	Hi Ribs	Coliform, Total	9/30/2009
NJ1106310	Pennington Cleaners	Coliform, Total	9/30/2009
NJ1106313	Hopewell Valley Golf Club	Arsenic	3/31/2009
		Arsenic	6/30/2009
		Coliform, Total	10/31/2009
NJ1106318	Hopewell Valley Tennis Club	Coliform, Total	9/30/2009
NJ1106333	Washington Crossing State Park	Coliform, Total	9/30/2009
		Coliform, Total	8/31/2009
NJ1106335	Washington Crossing State Park Grove Pic	Coliform, Total	5/31/2009
NJ1106345	Pennington Business Park	Coliform, Acute	9/30/2009
		Coliform, Acute	10/31/2009
		Coliform, Acute	8/31/2009
		Coliform, Total	11/30/2009
NJ1106355	Kooltronic Inc	Coliform, Acute	6/30/2009
		Coliform, Total	5/31/2009
NJ1106367	St George Roman Catholic Church	Coliform, Acute	10/31/2009
NJ1106374	Little League Of Hopewell Twp	Coliform, Acute	8/31/2009

## Appendix D: Noncommunity Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1106389	Hopewell Valley Golf Course #6	Arsenic	3/31/2009
		Arsenic	6/30/2009
NJ1108300	Volpe's Cream King	Coliform, Acute	10/31/2009
		Coliform, Total	9/30/2009
NJ1108303	Hopewell Valley Health And Fitness Center	Coliform, Acute	9/30/2009
NJ1113308	Princeton Arms Strip Stop	Nitrate (As N)	9/30/2009
NJ1202305	Cranbury Mobil	Coliform, Total	1/31/2009
NJ1202320	Cranbury Swim Club	Nitrate (As N)	12/31/2009
NJ1309328	Delicious Orchard Market	Coliform, Total	11/30/2009
NJ1319466	Italian Delight & Spirit	Coliform, Total	9/30/2009
NJ1332328	Country Store & Deli Too	Coliform, Acute	10/31/2009
NJ1332351	Millstone Center	Coliform, Total	3/31/2009
NJ1332367	Crest Engineering, Inc.	Coliform, Total	9/30/2009
NJ1405301	Minisink Club, Inc.	Coliform, Total	9/30/2009
NJ1406327	6 Mill Ridge Lane	Coliform, Total	11/30/2009
		Coliform, Total	12/31/2009
NJ1407311	Mini Mac Drive In	Coliform, Acute	9/30/2009
NJ1407334	Chester Twp Police Station & Town Hall	Coliform, Total	6/30/2009
NJ1407335	Chubb Park	Coliform, Total	9/30/2009
NJ1410307	Park Meadows Industrial	Arsenic	6/30/2009
NJ1413322	Country Mile Village	Coliform, Acute	9/30/2009
		Coliform, Acute	10/31/2009
NJ1414309	Roadside Diner	Coliform, Total	9/30/2009
		Coliform, Total	10/31/2009
NJ1414366	St Thomas The Apostle Church	Coliform, Total	10/31/2009
NJ1414390	Skyland Medical Group, P.A.	Coliform, Acute	6/30/2009
		Coliform, Total	6/30/2009
NJ1414406	Exxon USA 3-2297	Coliform, Total	9/30/2009
NJ1415300	Kinnelon Prof Bldg	Coliform, Total	9/30/2009
NJ1415301	Piccolo's	Coliform, Acute	9/30/2009
NJ1415305	Our Lady Of The Magnific	Coliform, Total	9/30/2009
		Coliform, Total	6/30/2009
NJ1415306	Wise Owl Learning Center	Coliform, Total	6/30/2009
NJ1415308	Apple Montessori Schools	Coliform, Total	8/31/2009
NJ1422300	Honeywell International Inc	Coliform, Acute	12/31/2009
NJ1424301	Washington Craig Bldg	Coliform, Total	9/30/2009
		Coliform, Total	10/31/2009
NJ1427319	Kennedy's Pub	Coliform, Acute	11/30/2009
NJ1427319	Kennedy's Pub (cont'd)	Coliform, Total	9/30/2009

## Appendix D: Noncommunity Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1427376	Callaremi Pontiac Buick Cadillac & GMC	Coliform, Total	9/30/2009
NJ1427395	Mount Olive Shopping Parkade	Coliform, Total	8/31/2009
		Coliform, Total	9/30/2009
NJ1427400	Sandshore Industrial Condo Assoc	Coliform, Total	1/31/2009
NJ1434329	Mcwilliams Forge Company Inc	Coliform, Total	10/31/2009
NJ1436324	Napoli Pizza	Coliform, Acute	9/30/2009
NJ1436332	Meier Industrial Park Inc	Coliform, Total	6/30/2009
NJ1436363	PRC Corporation #1	Coliform, Total	8/31/2009
		Coliform, Total	9/30/2009
		Coliform, Total	9/30/2009
NJ1436377	Woody's Exxon	Coliform, Total	9/30/2009
NJ1438316	Emmanuel Bible Church	Coliform, Acute	9/30/2009
		Coliform, Total	8/31/2009
NJ1438346	Centenary College-Equestrian Center	Coliform, Acute	8/31/2009
		Coliform, Acute	9/30/2009
NJ1508300	Sleepy Hollow Restaurant	Coliform, Total	2/28/2009
		Coliform, Total	5/31/2009
NJ1511348	Leesville Professional Bldg	Coliform, Total	9/30/2009
		Coliform, Total	10/31/2009
NJ1511415	Jackson Premium Outlets	Coliform, Acute	10/31/2009
NJ1518329	Harry Wright Lake Well #1	Coliform, Acute	10/31/2009
NJ1518358	Hury Wright Lake – Tennis	Coliform, Total	10/31/2009
NJ1523311	The Out Post	Coliform, Acute	9/30/2009
NJ1530360	Bruno's Meat Market	Coliform, Total	7/31/2009
NJ1602301	Shell Oil Co	Coliform, Total	2/28/2009
NJ1611304	Ringwood St Park-Back Pi	Coliform, Total	8/31/2009
NJ1611313	Prime 15 Steak House And Grill	Coliform, Total	12/31/2009
NJ1611369	Farmstead Estate	Coliform, Acute	10/31/2009
NJ1615301	Camp Ocawasin	Coliform, Acute	5/31/2009
NJ1615317	Village Square Inn	Coliform, Total	2/28/2009
NJ1615335	Omni Day School	Coliform, Total	7/31/2009
		Coliform, Total	8/31/2009
NJ1615377	Masons Mountainside Inn	Coliform, Total	12/31/2009
NJ1615412	Passport Cafe/ Greenwood Lake Airport Mg	Coliform, Total	10/31/2009
		Coliform, Total	11/30/2009
NJ1701301	Alloway Twp Elementary School	Coliform, Total	11/30/2009
NJ1701305	Tall Pines Camp Ground	Nitrate (As N)	9/30/2009
NJ1701319	Camp T. Roosevelt- Pool	Coliform, Acute	6/30/2009
NJ1701323	Ponderosa li	Coliform, Total	12/31/2009

## Appendix D: Noncommunity Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1705301	Mannington Twp School	Coliform, Total	9/30/2009
NJ1705306	Remsterville Learning Center	Nitrate (As N)	6/30/2009
NJ1708300	E I Dupont Chamber Works	Total Trihalomethanes	9/30/2009
		Total Trihalomethanes	12/31/2009
		Coliform, Total	6/30/2009
NJ1709314	Sunoco #2315	Coliform, Total	6/30/2009
NJ1709328	Archer Exteriors	Coliform, Total	6/30/2009
		Coliform, Total	7/31/2009
NJ1714326	Elmer Swim Club Inc	Nitrate (As N)	9/30/2009
		Nitrate (As N)	6/30/2009
NJ1802315	Pleasant Valley Pool/ Park	Coliform, Total	9/30/2009
NJ1805364	La Strada Cafe	Coliform, Total	10/31/2009
NJ1806305	Duke Island Park	Coliform, Acute	6/30/2009
NJ1806329	Saint Gobain Performance Plast	Arsenic	6/30/2009
NJ1806343	SCPC Ballfield #1	Coliform, Acute	10/31/2009
		Coliform, Total	9/30/2009
NJ1808345	Village Shopper	Coliform, Total	1/31/2009
NJ1808356	Franklin Mall	Coliform, Total	1/31/2009
NJ1810343	Longships Complex	Coliform, Total	7/31/2009
		Coliform, Total	8/31/2009
NJ1820309	Warren Deli & Grill	Coliform, Total	10/31/2009
NJ1902329	Farmstead Golf	Coliform, Acute	8/31/2009
		Coliform, Acute	7/31/2009
NJ1904309	Cartridge Actuated Devices	Coliform, Total	5/31/2009
NJ1904316	Byram Diner	Nitrate (As N)	6/30/2009
NJ1904319	Byram Twp Cranbury Lake Vol Fire Co	Coliform, Total	2/28/2009
NJ1904342	Waterloo Village	Coliform, Acute	8/31/2009
		Coliform, Total	7/31/2009
		Coliform, Total	9/30/2009
NJ1904364	Creative Kidkare	Coliform, Total	8/31/2009
NJ1905304	Blue Ribbon	Coliform, Acute	6/30/2009
		Coliform, Total	7/31/2009
NJ1905337	Michael Anthony's	Coliform, Total	6/30/2009
NJ1908313	Tranquility United Methodist Church	Coliform, Total	8/31/2009
NJ1908324	NVE, Inc. (Canning Plant)	Coliform, Total	3/31/2009
NJ1911310	St. Vianney Roman Catholic Ch	Coliform, Total	9/30/2009
		Coliform, Total	10/31/2009
NJ1913321	Lafayette Federated Church	Coliform, Total	8/31/2009
NJ1914324	Trail Blazer Camp	Coliform, Total	7/31/2009
NJ1914337	BP	Coliform, Total	10/31/2009



## Appendix D: Noncommunity Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
		Coliform, Total	11/30/2009
		Coliform, Total	12/31/2009
NJ1917324	Camp Linwood	Coliform, Total	12/31/2009
NJ1917326	Fratelli's Italian Restaurant	Coliform, Acute	7/31/2009
NJ1917327	Hainesville General Store	Coliform, Total	3/31/2009
		Coliform, Total	4/30/2009
NJ1918339	Sparta Car Wash	Coliform, Acute	6/30/2009
NJ1920301	Swartswood State Park	Coliform, Total	2/28/2009
NJ1922313	Sussex County Library	Nitrate (As N)	12/31/2009
NJ1922320	The Market Place Deli	Coliform, Total	6/30/2009
NJ1922334	Hidden Valley Family Club	Coliform, Acute	8/31/2009
NJ1923303	Walpack Valley Env Ed Ctr	Coliform, Total	9/30/2009
NJ1924329	Franklin Sussex Automall Inc	Nitrate (As N)	3/31/2009
		Coliform, Total	6/30/2009
NJ1924330	Dairy Queen	Coliform, Total	4/30/2009
NJ1924338	Double S Diner Corp	Coliform, Total	7/31/2009
NJ1924359	Beemerville Orchards	Coliform, Acute	10/31/2009
NJ1924361	Sussex Wantage Swim Club	Coliform, Total	7/31/2009
NJ2103307	BASF Corp	Total Haloacetic Acids	9/30/2009
NJ2104305	Blairstown Shopping Center	Coliform, Acute	9/30/2009
NJ2104311	Fountain Mall	Coliform, Acute	12/31/2009
NJ2104312	LE Walters And Sons Inc	Coliform, Total	3/31/2009
NJ2104315	The Forge	Coliform, Total	8/31/2009
NJ2104343	Skylands Medical Building C/O Route 94 R	Coliform, Total	6/30/2009
		Coliform, Total	7/31/2009
NJ2104344	First Hope Bank	Coliform, Acute	12/31/2009
NJ2105323	New Village Convenience LLC	Nitrate (As N)	9/30/2009
		Nitrate (As N)	6/30/2009
NJ2105325	World Apostolate Of Fatima	Coliform, Total	6/30/2009
		Coliform, Total	7/31/2009
NJ2106314	Jenny Jump St Park-Site	Coliform, Total	9/30/2009
NJ2107303	Rath's Deli	Coliform, Total	12/31/2009
NJ2107309	SMP	Coliform, Total	9/30/2009
NJ2109310	Camp Nobebosco	Coliform, Total	7/31/2009
NJ2109316	Worthington State Park	Coliform, Total	10/27/2009
NJ2109318	Mohican Outdoor Center-DWGNRA	Coliform, Total	6/30/2009
		Coliform, Total	10/31/2009
NJ2110305	Apgar Cider Press	Coliform, Total	11/30/2009
NJ2111300	Hope Twp Elementary School	Coliform, Total	11/30/2009
NJ2111301	Land Of Make Believe	Coliform, Total	9/30/2009

## Appendix D: Noncommunity Water System 2009 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ2111310	American House Business	Coliform, Total	9/30/2009
		Coliform, Total	10/31/2009
NJ2111313	Hope Antiques	Coliform, Acute	11/30/2009
NJ2112309	Nykun's Store & Bar	Coliform, Total	9/30/2009
NJ2113300	Triplebrook Family Campground	Coliform, Total	8/31/2009
		Coliform, Total	9/30/2009
NJ2113306	Buckwood Bistro	Coliform, Total	12/31/2009
NJ2113309	Del River Family Camp Ground	Coliform, Total	12/31/2009
NJ2113315	Hunters Lodge Cocktail Lounge	Coliform, Total	11/30/2009
NJ2113317	Marshalls Farm Market	Coliform, Total	6/30/2009
NJ2113324	Hunters Lodge – Motel	Coliform, Total	10/31/2009
		Coliform, Total	11/30/2009
NJ2113339	Knowlton Twp Recreation Park	Coliform, Total	9/30/2009
NJ2114316	J P Kelly's	Coliform, Total	11/30/2009
NJ2117314	Busy Bee Convenience Store	Coliform, Total	9/30/2009
NJ2119300	Applegates Bakery	Coliform, Acute	6/30/2009
		Coliform, Total	7/31/2009
NJ2122326	Washington Shopping Center, Inc	Coliform, Total	7/31/2009
NJ2122330	Silver Star, Bagels & Deli	Coliform, Total	11/30/2009
NJ2123300	Belvidere Shopping Plaza	Coliform, Total	12/31/2009
NJ2123307	Short Stop Drive In	Coliform, Total	12/31/2009
NJ2123316	Apple Mountain Rec Area	Coliform, Total	9/30/2009
		Coliform, Total	9/30/2009
		Coliform, Total	10/31/2009
NJ2123317	Bel-Pike Lanes	Coliform, Total	10/31/2009
NJ2123321	Four Sisters Winery & Farm Mkt	Coliform, Total	9/30/2009
		Coliform, Total	9/30/2009
NJ2123348	Dr. Michael Belby	Coliform, Total	12/31/2009

## Appendix E: Noncommunity Water System 2009 Action Level Exceedances

System ID	System Name	Contaminant	Violation Period
NJ0102301	Resorts Atlantic City	Lead	12/31/2009
NJ0215300	Englewood Hospital	Copper	6/30/2009
NJ0317303	Burlington County Special Services	Lead	12/31/2009
NJ0333309	NJ State Police Red Lion Station	Lead	12/31/2009
NJ0333326	United State Post Office - Vincentown	Lead	6/30/2009
NJ0335323	Tabernacle Elementary School 2	Copper	12/31/2009
		Lead	12/31/2009
NJ0436456	Garvey Conveyers	Copper	12/31/2009
NJ0436481	Donio Trucking	Copper	6/30/2009
		Copper	12/31/2009
		Lead	6/30/2009
		Lead	12/31/2009
NJ0511330	Clayton Industries Inc	Lead	12/31/2009
NJ0603308	F & S Produce	Copper	12/31/2009
NJ0605301	Fairfield Twp Inter (Back Well)	Lead	12/31/2009
NJ0613307	Seabrook House	Copper	6/30/2009
NJ0613313	Kids Care Academy	Copper	6/30/2009
		Copper	12/31/2009
NJ0613328	Matriark Family Center	Copper	6/30/2009
NJ0614344	Senior Care Of Vineland	Copper	6/30/2009
NJ1006349	Hunterdon County YMCA Child Care	Copper	6/30/2009
NJ1006363	Little Log Cabin Christian Children's Center	Lead	12/31/2009
NJ1006364	Hunterdon BMW Inc	Copper	12/31/2009
NJ1008300	Albert Elias Residential Group	Lead	6/30/2009
		Lead	12/31/2009
NJ1008301	East Amwell Twp	Lead	12/31/2009
NJ1010300	Franklin Twp Elementary School	Lead	12/31/2009
NJ1017301	Phillips Barber Health Center	Lead	12/31/2009
NJ1021309	US Bronze Powders	Lead	12/31/2009
NJ1022300	Readington School	Lead	12/31/2009
NJ1022305	Berry Patch Early Learning	Lead	12/31/2009
NJ1026301	ESC School	Lead	6/30/2009
		Lead	12/31/2009
NJ1026302	South Hunterdon Regional High School	Copper	6/30/2009
NJ1106300	Titusville Academy Princeton	Copper	6/30/2009
NJ1106337	Goebel Art GMBH	Lead	12/31/2009
NJ1106339	Pennington Partnership	Lead	6/30/2009
NJ1106339	Pennington Partnership (cont'd)	Lead	12/31/2009
NJ1106377	Pennington Office Park-B	Lead	12/31/2009
NJ1326358	Little Red School House	Copper	6/30/2009

## Appendix E: Noncommunity Water System 2009 Action Level Exceedances

System ID	System Name	Contaminant	Violation Period
		Copper	12/31/2009
NJ1332329	Gedi Corporate Plaza	Lead	12/31/2009
NJ1332384	Millstone Twp New Middle School	Copper	12/31/2009
NJ1352321	Brielle Hills Bldg #1&2	Copper	12/31/2009
		Lead	12/31/2009
NJ1352322	Brielle Hills Condo Association Bldg 8,9	Copper	6/30/2009
NJ1352326	Brielle Hills Condo Association Bldg 6&7	Copper	12/31/2009
NJ1352341	Brielle Hills Condo Assn Bldg 11 & 12	Copper	6/30/2009
NJ1407318	CM Offray and Son Inc	Lead	12/31/2009
NJ1432350	WDIFTK Inc	Copper	12/31/2009
		Lead	12/31/2009
NJ1432354	Goddard School	Copper	6/30/2009
NJ1436329	Phillips Accessories & Computer Peripherals		12/31/2009
NJ1436358	Reform Temple Shalom	Copper	6/30/2009
NJ1436364	PRC Corporation	Copper	6/30/2009
NJ1439301	Tilcon Administration	Copper	6/30/2009
		Copper	12/31/2009
		Lead	6/30/2009
NJ1523326	Plumsted Retail Center C/O Jesse Bell	Lead	6/30/2009
NJ1615325	Macopin School	Lead	12/31/2009
NJ1615330	Paradise Knoll School	Lead	6/30/2009
NJ1615334	Oakridge Presbyterian Church/My Sch Day	Lead	12/31/2009
NJ1705306	Remsterville Learning Center	Lead	12/31/2009
NJ1709328	Archer Exteriors	Copper	12/31/2009
		Copper	6/30/2009
NJ1710328	Eatmore Inc	Copper	6/30/2009
		Copper	12/31/2009
NJ1810309	Woodfern School	Lead	12/31/2009
NJ1902361	Manor Plaza Condo Association Complex	Lead	6/30/2009
		Lead	12/31/2009
NJ1904300	Byram Civic Center	Lead	6/30/2009
NJ1904311	Township Of Byram Munic	Lead	6/30/2009
		Lead	12/31/2009
NJ1911348	Hardyston Municipal Building	Copper	6/30/2009
		Copper	12/31/2009