

Safe Drinking Water Act Violations 2010



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

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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. This report covers the period of January 1, 2010 to December 31, 2010.

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 affecting operations in 2010 was the Ground Water Rule, which was implemented beginning December 1, 2009, making this annual report of violations the first to include a summary of the first year of implementation of this rule. No other changes to regulations occurred in calendar year 2010 that affected the violations reported here.

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 2010, New Jersey listed 3,950 public water systems in its inventory. These included 615 community water systems, 805 nontransient noncommunity water systems, and 2,530 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

Year	Community Water Systems	Nontransient Noncommunity Water Systems	Transient Noncommunity Water Systems	Total
2010	615	805	2,530	3,950
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 (chlordan), 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 Level¹ 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

¹ 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.

activity within 48 hours, instead of up to a year after collection as allowed by the Federal Rule. If 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 2010 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 2010 (390) compared to 2009 (280). Of those violations, 73 acute violations occurred in 2010 compared to 59 in 2009, and the number of monthly violations increased to 317 in 2010 from 221 in 2009.

Microbial quality as measured by the Total Coliform Rule continues to yield good results for the monitoring performed in 2010. The percentage of public water systems with a Total Coliform Rule MCL violation increased (6.4% in 2010, 5.6% in 2009). The number of systems with acute Total Coliform Rule MCL violations rose from 2009 (49) to 2010 (58), and the number of systems with monthly Total Coliform Rule MCL violations (217) in 2010 was higher than in 2009 (174). 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 (281) for all public water systems in 2010, which is lower than in 2009 (387). Out of

3,950 PWS, 205 public water systems (5%) missed sampling at least once during 2010.

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
2010	73	317	390	58	217	251	6.4
2009	59	221	280	49	174	223	5.6
2008	52	148	200	43	117	148	3.7
2007	44	183	227	39	144	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
2010	281	205	5%
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 was one treatment technique violation for 2010.

Ground Water Rule Implementation. This federal rule (40 CFR 141.400-5), implemented for the first time in 2010 (compliance became effective December 1, 2009), requires identification of microbiological deficiencies in water systems that could lead to contamination and corrective actions to reduce risk from any identified deficiencies. It is intended to protect people from disease-causing viruses and bacteria, such as *E. coli*. The rule includes provisions for monitoring for systems with sources at risk, and actions to remove or inactivate contaminants, if found, to prevent them from reaching drinking water consumers.

In 2010 there were 1,226 routine total coliform positives (TC+s) that triggered source sampling, but excluding multiple TC+s from the same system on the same day, the number is 861 events for 529 systems. About 4% of these events involved systems that had an *E. coli*+ source that required corrective action. When this happens systems are not charged with an actual violation, they are only required to address the issue. Some 175 M&R violations have been assessed for failure to sample, failure to collect the sample within 24 hours, etc. Whether one or two systems will be assessed a treatment technique violation is still under discussion.

Organic Chemicals

Volatile Organic Compounds (VOC) Rule:

MCL Violations. Of the community water systems and nontransient noncommunity water systems that monitored for VOCs in 2010, 1 MCL violation was issued at 1 system for volatile organic compounds (in 2009, 3 MCL violations at three systems).

Monitoring/Reporting Violations. As seen in Table 6, a total of 42 water systems had at least one VOC monitoring violation. The total number of monitoring/reporting violations for VOCs in Table 6 is 1,022, which is an increase from 2009. This is a low number 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 2010. For purposes of this 2010 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 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 and a finished water (point of entry) sample are collected. Samples were taken in 2009, so the next sampling will take place in 2012.

Monitoring/Reporting Violations. As NJDEP conducts targeted statewide SOC monitoring, there were no requirements for routine monitoring and thus no monitoring/reporting violations in 2010.

Table 6: Volatile Organic Compound Monitoring/Reporting Violations

Year	Volatile Organic Compound Monitoring/Reporting Violations	Systems with Volatile Organic Compound Monitoring/Report Violations
2010	1,022	42
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 5 MCL violations at two systems for total trihalomethanes in 2010 (3 at two systems in 2009) and zero MCL violations for total haloacetic acids (1 in 2009).

Monitoring/Reporting Violations. There were 28 monitoring/reporting violations at 23 systems for trihalomethanes, and 29 monitoring/reporting violations at 25 systems for haloacetic acids in 2010. This compares to 58 monitoring/reporting violations at 34 systems for trihalomethanes, and 59

monitoring/reporting violations at 35 systems for haloacetic acids in 2009.

Inorganic Chemicals (IOCs)

MCL Violations. Excluding nitrate, in 2010 there were 11 MCL violations at 6 systems for inorganic chemicals, all for arsenic. This compares to 41 MCL violations at 12 systems for non-nitrate inorganics (all arsenic) in 2009.

In 2010, 14 nitrate MCL violations occurred at 14 water systems, compared to 28 in 19 systems in 2009. Only one of these violations occurred in a community water system, so the problem was with noncommunity water systems (Table 7).

Asbestos monitoring was not required in 2010 for community and noncommunity systems, but will be required again during the 2011-2013 monitoring period.

Table 7: Nitrate MCL and Monitoring/Reporting Violations

Year	Nitrate MCL Violations	Systems with Nitrate MCL Violations	Percent	Nitrate Monitoring/Reporting Violations	Systems with Nitrate Monitoring/Reporting Violations	Percent
2010	14	14	0.5	118	112	2.8
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 158 in 2009 to 118 in 2010 (Table 7). Systems with nitrate monitoring/reporting violations went from a total of 158 in 2009 to 112 in 2010.

Lead and Copper Rule:

Action Level Violations. In 2010, 54 Action Level (AL) violations for lead occurred for 53

systems, while 36 copper violations occurred for 34 systems. This compared to 2009 figures of 49 community water systems with 58 lead AL violations and 36 systems with 44 copper AL violations.

Monitoring/Reporting Violations. There were 47 M/R violations for 47 systems in 2010, compared to 53 violations for 50 systems in 2009.

Radiological Rule:

MCL Violations. During 2010, nine community water systems violated the gross alpha standard, seven systems violated the radium 226/228 standard, and two systems violated the uranium standard, for a total of 63 violations. During 2009, 11 community water systems violated the gross alpha standard, and 9 violated the radium 226/228 standard, for a total of 60 violations.

Monitoring/Reporting Violations. Some 98 monitoring/reporting violations in 34 systems were incurred for gross alpha and 102 M&R violations in 35 systems for radium 226/228 for 2010, for a total of 200 in 36 systems. There were 172 in 29 systems in 2009.

Consumer Notification Violations:

Some 66 community water systems (CWS) did not submit the required Certification of their 2010 Consumer Confidence Report (representing 2009 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, 2010- December 31, 2010

Table 8
Summary of MCL, Treatment Technique, and Monitoring and Reporting Violations for 2010
(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			53	42
2977	1,1-Dichloroethylene	0.007	0.002	0	0			51	40
2985	1,1,2-Trichloroethane	0.005	0.003	0	0			51	40
2378	1,2,4-Trichlorobenzene	0.07	0.009	0	0			51	40
2931	1,2-Dibromo-3-chloropropane (DBCP)	0.0002		0	0			0	0
2980	1,2-Dichloroethane	0.005	0.002	0	0			51	40
2983	1,2-Dichloropropane	0.005		0	0			51	40
2063	2,3,7,8-TCDD (Dioxin)	3×10^{-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, 2010- December 31, 2010

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			51	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			51	40
2959	Chlordane	0.002	0.0005	Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2380	Cis-1,2-Dichloroethylene	0.07		0	0			51	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			51	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, 2010- December 31, 2010

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			51	40
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, 2010- December 31, 2010

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			51	40
2968	1,2-Dichlorobenzene	0.6		0	0			51	40
2969	1,4-Dichlorobenzene	0.075		0	0			51	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			51	40
2984	Trichloroethylene	0.005	0.001	0	0			51	40
2996	Styrene	0.1		0	0			51	40
2991	Toluene	1		0	0			51	40
2979	Trans-1,2-Dichloroethylene	0.1		0	0			51	40
2955	Xylenes (total)	10	1	0	0			51	40

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

State:	New Jersey
Reporting Interval:	January 1, 2010- December 31, 2010

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			51	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	1	1			0	0
2248	Napthalene		0.3	0	0			0	0
2988	1,1,2,2-Tetrachloroethane		0.001	0	0			0	0
	Subtotal Organics			1	1			1,022	42

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

State:	New Jersey
Reporting Interval:	January 1, 2010- December 31, 2010

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			23	20
1005	Arsenic	0.01	0.005	11	6			27	23
1094	Asbestos	7 million fibers/l >10 μ m/l		0	0			0	0
1010	Barium	2		0	0			23	20
1075	Beryllium	0.004		0	0			23	20
1015	Cadmium	0.005		0	0			23	20
1020	Chromium	0.1		0	0			24	21
1024	Cyanide (as free cyanide)	0.2		0	0			20	17
1025	Fluoride	4.0		0	0			16	16
1035	Mercury	0.002		0	0			24	20
1036	Nickel							23	20
1040	Nitrate	10 (as Nitrogen)		14	14			118	112
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, 2010- December 31, 2010

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			23	20
1085	Thallium	0.002		0	0			23	20
1038	Total nitrate and nitrite	10 (as Nitrogen)		See SDWIS code 1040	See SDWIS code 1040			See SDWIS code 1040	See SDWIS code 1040
	Subtotal inorganics			25	20			390	330

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

State:	New Jersey
Reporting Interval:	January 1, 2010- December 31, 2010

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	9			98	34
4010	Radium-226 and -228	5 pCi/l		21	7			102	35
4101	Gross beta	4 mrem/yr						0	0
URM	Uranium		0.03	10	2			0	0
	Subtotal radionuclides			63	11			200	36

State:	New Jersey
Reporting Interval:	January 1, 2010- December 31, 2010

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		73	58				
22	Non-acute (monthly) MCL violation	Presence		317	217				
23, 25	Major routine and follow up monitoring							281	205
28	Sanitary survey*							0	0
	Subtotal Total Coliform Rule			390	251			281	205

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

State:	New Jersey
Reporting Interval:	January 1, 2010- December 31, 2010

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					0	0		
	Unfiltered systems								
31	Monitoring, routine/repeat							36	34
42	Failure to filter					0	0		
	Subtotal Surface Water Treatment Rule					0	0	36	34

* Monitoring and reporting compliance was not run for this SDWIS code for the calendar year 2010.

State:	New Jersey
Reporting Interval:	January 1, 2010 - December 31, 2010

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					0	0		
47	Treatment Techniques					0	0		
	Subtotal Interim Enhanced Surface Water Treatment Rule					1	1	0	0

State:	New Jersey
Reporting Interval:	January 1, 2010 - December 31, 2010

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 (28 HAA5 for 23 systems and 29 TTHM for 25 systems)							57	27
02	Average MCL (TTHMS)	80		5	2				
02	Average MCL (HAA5)	60		0	0				
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					1	1		
	Subtotal of Stage 1 Disinfectants and Disinfection Byproducts Rule			5	2	1	1	57	27

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

State:	New Jersey
Reporting Interval:	January 1, 2010- December 31, 2010

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	54	53				
CU	Copper		1,300	36	34				
	Lead and Copper Rule								
58,62	Treatment installation					0	0	47	47
65	Public Education					0	0	0	0
	Subtotal Lead and Copper Rule			90	76	0	0	47	47

State:	New Jersey
Reporting Interval:	January 1, 2010- December 31, 2010

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 66 community water systems (CWS) did not submit the required Certification of their 2010 Consumer Confidence Report (representing 2009 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, 2010- December 31, 2010

Table 9
Summary of MCL, Treatment Technique, and Monitoring and Reporting Violations
for Transient Noncommunity Water Systems in 2010
(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
2010 MCL Violations**

System ID	System Name	Contaminant	Violation Period
NJ0108009	Stoney Field Mobile Home Park	Coliform, Acute	7/31/2010
NJ0113001	Hammonton Water Dept	Combined Radium (226 & 228)	9/30/2010
		Combined Radium (226 & 228)	12/31/2010
		Gross Alpha, excl Radon & Uranium	12/31/2010
		Gross Alpha, excl Radon & Uranium	9/30/2010
NJ0122001	Ventnor City Water & Sewer Utility	Coliform, Monthly	4/30/2010
		Coliform, Monthly	7/12/2010
		Coliform, Monthly	10/4/2010
NJ0257001	Saddle Brook Water Dept	Coliform, Monthly	9/30/2010
		Coliform, Monthly	12/31/2010
		Coliform, Monthly	7/31/2010
NJ0301001	Buttonwood Mobile Home Park	Coliform, Monthly	10/26/2010
NJ0305001	Burlington City Water Dept	Coliform, Monthly	3/31/2010
NJ0322001	Moorestown Water Dept	Coliform, Acute	8/31/2010
		Coliform, Monthly	8/31/2010
NJ0326003	Hanover East Apartments	Coliform, Acute	5/31/2010
		Coliform, Monthly	4/30/2010
		Coliform, Monthly	5/31/2010
		Coliform, Monthly	7/31/2010
NJ0326014	Family Park	Coliform, Monthly	12/16/2010
NJ0329001	Burlington County Institute	Coliform, Monthly	7/31/2010
NJ0333003	Richards Mobile Home Court	Coliform, Acute	6/30/2010
		Coliform, Monthly	6/30/2010
		Coliform, Monthly	12/31/2010
NJ0435003	Waterford Township Water Dept.	Coliform, Monthly	11/9/2010
NJ0436007	Winslow Twp DMU	Combined Radium (226 & 228)	3/31/2010
		Combined Radium (226 & 228)	6/30/2010
		Coliform, Acute	10/31/2010
		Coliform, Monthly	9/30/2010
		Coliform, Monthly	9/30/2010
NJ0607300	Cumberland County Manor	Gross Alpha, excl Radon & Uranium	12/31/2010
		Gross Alpha, excl Radon & Uranium	9/30/2010
		Combined Radium (226 & 228)	12/31/2010
		Combined Radium (226 & 228)	9/30/2010
		Combined Radium (226 & 228)	3/31/2010
		Combined Radium (226 & 228)	6/30/2010
		Gross Alpha, excl Radon & Uranium	3/31/2010
		Gross Alpha, excl Radon & Uranium	6/30/2010
NJ0613004	Upper Deerfield Twp Water Dept	Gross Alpha, excl Radon & Uranium	6/30/2010

**Appendix B: Community Water System
2010 MCL Violations**

System ID	System Name	Contaminant	Violation Period
NJ0613004	Upper Deerfield Twp Water Dept (cont'd)	Gross Alpha, excl Radon & Uranium	3/31/2010
		Combined Radium (226 & 228)	6/30/2010
		Combined Radium (226 & 228)	9/30/2010
		Combined Radium (226 & 228)	3/31/2010
NJ0614003	Vineland Water & Sewer Utility	Combined Radium (226 & 228)	9/30/2010
		Combined Radium (226 & 228)	9/30/2010
		Coliform, Monthly	8/31/2010
		Methyl Tertiary Butyl Ether (MTBE)	9/30/2010
NJ0701001	Belleville Water Dept	TTHM	6/30/2010
		TTHM	9/30/2010
NJ0708001	Glen Ridge Water Dept	Coliform, Monthly	2/28/2010
NJ0813001	Newfield Water Department	Gross Alpha, excl Radon & Uranium	12/31/2010
NJ1001301	Valley View Manor	Arsenic	3/31/2010
		Arsenic	6/30/2010
		Arsenic	9/30/2010
		Arsenic	12/31/2010
NJ1005001	Clinton W Dept	Coliform, Monthly	6/30/2010
NJ1019003	Camelot At Spruce Ridge	Coliform, Monthly	8/31/2010
NJ1019301	Hunterdon Hills Residential Home	Coliform, Monthly	6/30/2010
NJ1019311	Little Brook Nursing Home	Coliform, Monthly	11/30/2010
NJ1024003	Meadows at Oldwick	Coliform, Monthly	12/8/2010
NJ1025308	Pattenburg House	Coliform, Monthly	7/31/2010
NJ1309415	Brandywine Assisted Living At Colts Neck	Coliform, Monthly	5/31/2010
NJ1316001	Freehold Twp Water Dept	Coliform, Monthly	7/31/2010
NJ1340001	Red Bank Water Dept	Coliform, Monthly	8/31/2010
NJ1416001	Lincoln Park Water Dept	Coliform, Monthly	8/31/2010
NJ1421305	Green Briar Res Health	Coliform, Monthly	3/31/2010
NJ1427010	NJ Vasa Home Water System	Coliform, Acute	7/31/2010
NJ1427010	NJ Vasa Home Water Sys (cont'd)	Coliform, Monthly	2/28/2010
NJ1511003	Land O Pines Mobile Home Park	Coliform, Monthly	12/13/2010
NJ1511013	Fountainhead Parks Inc	Coliform, Monthly	11/5/2010
NJ1518010	Manchester Village	Coliform, Acute	5/31/2010
NJ1520001	Ocean Twp MUA Pebble Beach	Coliform, Monthly	1/31/2010
NJ1530004	Stafford Twp Water - Beach Haven West	Coliform, Monthly	9/30/2010
NJ1533001	Barnegat Twp Water Sewer	Coliform, Monthly	6/30/2010
NJ1605002	Passaic Valley Water Commission	Coliform, Monthly	7/31/2010
NJ1615012	West Milford Twp MUA Awosting	Coliform, Monthly	7/31/2010
NJ1704001	Leisure Arms Complex	Coliform, Acute	5/31/2010
		Coliform, Acute	6/30/2010

**Appendix B: Community Water System
2010 MCL Violations**

System ID	System Name	Contaminant	Violation Period
NJ1710003	Picnic Grove Mobile Homes	Gross Alpha, excl Radon & Uranium	9/30/2010
		Gross Alpha, excl Radon & Uranium	3/31/2010
		Gross Alpha, excl Radon & Uranium	6/30/2010
		Gross Alpha, excl Radon & Uranium	12/31/2010
NJ1904004	North Shore Water Association	Nitrate	12/31/2010
NJ1916001	Ogdensburg Water Dept	Coliform, Monthly	8/31/2010
NJ1922014	Great Gorge Terrace Association	Gross Alpha, excl Radon & Uranium	9/30/2010
		Gross Alpha, excl Radon & Uranium	12/31/2010
		Gross Alpha, excl Radon & Uranium	6/30/2010
		Combined Uranium	12/31/2010
		Combined Uranium	9/30/2010
		Combined Radium (226 & 228)	6/30/2010
		Combined Radium (226 & 228)	3/31/2010
		Combined Radium (226 & 228)	12/31/2010
		Combined Radium (226 & 228)	9/30/2010
		Gross Alpha, excl Radon & Uranium	3/31/2010
		Combined Uranium	6/30/2010
		Combined Uranium	3/31/2010
		NJ1922028	Valley View Apartments
Combined Uranium	9/30/2010		
Gross Alpha, excl Radon & Uranium	9/30/2010		
Gross Alpha, excl Radon & Uranium	12/31/2010		
Gross Alpha, excl Radon & Uranium	9/30/2010		
Gross Alpha, excl Radon & Uranium	12/31/2010		
Gross Alpha, excl Radon & Uranium	6/30/2010		
Gross Alpha, excl Radon & Uranium	6/30/2010		
Gross Alpha, excl Radon & Uranium	3/31/2010		
Gross Alpha, excl Radon & Uranium	3/31/2010		
Combined Uranium	6/30/2010		
Combined Uranium	3/31/2010		
Combined Uranium	3/31/2010		
Combined Uranium	6/30/2010		
NJ2113002	Riverside Mobile Home Park		
NJ2113003	Triple Brook Mobile Home	Coliform, Acute	1/31/2010
		Coliform, Monthly	4/30/2010
		Coliform, Monthly	11/30/2010
		Coliform, Monthly	2/28/2010
		Coliform, Monthly	5/31/2010
		Coliform, Monthly	10/31/2010

**Appendix B: Community Water System
2010 MCL Violations**

System ID	System Name	Contaminant	Violation Period
NJ2113003	Triple Brook Mobile Home (cont'd)	Coliform, Monthly	8/31/2010
NJ2117002	Valley View Estates	Coliform, Monthly	12/31/2010
		Coliform, Monthly	9/30/2010

Appendix C: Community Water System 2010 Action Level Exceedances

System ID	System Name	Contaminant	Violation Period
NJ0108009	Stoney Field Mobile Home Park	Copper	6/30/2010
NJ0305001	Burlington City Water Dept	Lead	6/30/2010
NJ0320002	Estaugh Corp T/A Medford Leas	Lead	12/31/2010
NJ0329001	Burlington County Institute	Lead	12/31/2010
NJ0605002	Tips Trailer Park & Sale	Copper	12/31/2010
		Lead	12/31/2010
NJ1006302	Rolling Hills Care Center	Lead	12/31/2010
NJ1605002	Passaic Valley Water Commission	Lead	12/31/2010
NJ1615002	West Milford Twp MUA Greenbrook Estates	Copper	12/31/2010
NJ1704001	Leisure Arms Complex	Lead	12/31/2010
NJ1714003	Bancroft Neuro Health Center	Copper	12/31/2010
		Copper	6/30/2010
NJ1911005	Hardyston Township MUA	Copper	12/31/2010
NJ2108001	Hackettstown MUA	Lead	12/31/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ0105324	Dalpont/Richland	Coliform, Monthly	6/30/2010
NJ0107301	Egg Harbor City CG Showers	Coliform, Monthly	5/31/2010
NJ0111453	Romanelli's Cafe	Coliform, Acute	7/31/2010
NJ0117303	Elwood Primary School	Coliform, Monthly	1/21/2010
		Coliform, Monthly	1/21/2010
NJ0117307	Coffee's Tavern	Coliform, Monthly	2/28/2010
		Coliform, Monthly	1/31/2010
NJ0205300	Rudox Engine & Equipment	Coliform, Monthly	8/31/2010
		Coliform, Monthly	12/31/2010
NJ0233313	Friends Of Glen Gray, Inc.	Coliform, Acute	9/30/2010
NJ0301300	Viking Yacht Co	Coliform, Monthly	2/28/2010
NJ0320323	Stokes Village Shops	Coliform, Monthly	12/31/2010
		Coliform, Monthly	11/30/2010
NJ0320347	Olde Towne Sq Condo Assoc Inc	Nitrate	6/30/2010
NJ0335320	Russo's Fruit & Vegetable Market	Nitrate	6/30/2010
NJ0415308	Camden County Vo-Tech School	Coliform, Monthly	12/8/2010
		Coliform, Monthly	12/8/2010
		Coliform, Monthly	12/8/2010
		Coliform, Monthly	12/8/2010
NJ0434326	Valero	Coliform, Monthly	9/30/2010
		Coliform, Monthly	8/31/2010
		Coliform, Monthly	7/31/2010
NJ0435330	St Anthony's Church	Coliform, Monthly	11/30/2010
NJ0435375	Waterford Elementary School	Gross Alpha, excl Radon & Uranium	12/31/2010
		Gross Alpha, excl Radon & Uranium	6/30/2010
		Gross Alpha, excl Radon & Uranium	9/30/2010
NJ0435401	Waterford Catholic Men's Association Inc	Coliform, Acute	2/4/2010
		Coliform, Monthly	12/1/2010
		Coliform, Monthly	12/1/2010
NJ0436339	Mr Bill's Ice Cream	Coliform, Monthly	11/30/2010
		Coliform, Monthly	12/31/2010
NJ0436390	Winslow United Methodist	Nitrate	6/30/2010
NJ0436398	Elm Fire Co	Coliform, Monthly	6/30/2010
		Coliform, Monthly	7/31/2010
NJ0436408	Yesterwear Productions	Coliform, Acute	8/31/2010
NJ0505385	Historic Cold Spring Village Ice Cream	Coliform, Monthly	6/30/2010
		Coliform, Monthly	4/30/2010
NJ0505392	Snug Harbor Marina	Coliform, Monthly	4/30/2010
NJ0511401	Children's Country Place	Coliform, Monthly	3/31/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ0602307	Commercial Township Senior Center	Coliform, Monthly	6/24/2010
		Coliform, Monthly	6/24/2010
		Coliform, Monthly	6/24/2010
		Coliform, Monthly	6/24/2010
		Coliform, Monthly	6/24/2010
NJ0603301	Cumberland County Technical Ed	Combined Radium (226 & 228)	6/30/2010
		Combined Radium (226 & 228)	12/31/2010
		Combined Radium (226 & 228)	3/31/2010
		Gross Alpha, excl Radon & Uranium	12/31/2010
		Gross Alpha, excl Radon & Uranium	9/30/2010
		Gross Alpha, excl Radon & Uranium	6/30/2010
		Gross Alpha, excl Radon & Uranium	3/31/2010
		Combined Radium (226 & 228)	9/30/2010
NJ0604301	Higbee's Marina	Coliform, Acute	5/31/2010
NJ0605300	South Jersey Health Care Adult Day Prog	Coliform, Monthly	6/3/2010
		Coliform, Monthly	6/3/2010
NJ0607311	Deveroux Foundation	Coliform, Acute	8/31/2010
NJ0608309	Santa's Sweets/Agmort	Nitrate	3/31/2010
NJ0609311	Cumberland Country Store	Coliform, Monthly	6/30/2010
NJ0611302	Shiloh Market	Nitrate	12/31/2010
NJ0613308	Red Barn Deli	Coliform, Monthly	12/8/2010
NJ0613325	Tinos Restaurant	Coliform, Monthly	9/30/2010
NJ0614336	Good Sports Bar & Grill	Coliform, Monthly	6/30/2010
NJ0614346	Kennedy Concrete	Nitrate	1/31/2010
NJ0802304	International Roll Form	Coliform, Monthly	6/30/2010
		Coliform, Monthly	7/31/2010
NJ0804326	Hardingville Bible Church	Nitrate	12/31/2010
NJ0804328	CVS #75139	Nitrate	6/30/2010
NJ0805329	Carollo's	Nitrate	12/31/2010
NJ0805336	VFW Post 2071	Coliform, Monthly	7/31/2010
		Coliform, Monthly	6/30/2010
		Coliform, Monthly	9/30/2010
NJ0811306	Hospitality Creek Campground	Coliform, Monthly	6/30/2010
NJ0811356	New Brooklyn United Methodist	Coliform, Monthly	4/30/2010
NJ0816303	S Harrison Municipal Building	Coliform, Monthly	9/30/2010
		Coliform, Monthly	8/31/2010
NJ0816306	Creamy Acres Farm LLC	Coliform, Acute	6/30/2010
		Coliform, Monthly	6/30/2010
NJ0818334	Duffield's Farm Market	Coliform, Acute	7/31/2010
		Coliform, Monthly	7/31/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ0818334	Duffield's Farm Market (cont'd)	Coliform, Monthly	8/31/2010
		Coliform, Monthly	6/30/2010
NJ0820305	Wheelabrator Gloucester	Coliform, Monthly	9/30/2010
NJ1006325	Tripoli Brothers Pizza	Coliform, Monthly	12/31/2010
		Coliform, Monthly	12/31/2010
		Coliform, Monthly	12/31/2010
NJ1006333	Acorn Montessori School	Coliform, Monthly	12/30/2010
NJ1006357	Gebhardt & Kiefer Law Office	Coliform, Acute	5/31/2010
NJ1006373	Acorn Montessori Great Oak 1a	Coliform, Acute	5/12/2010
		Coliform, Monthly	5/12/2010
NJ1006375	Acorn Montessori Great Oak li	Coliform, Monthly	10/29/2010
NJ1007308	Sarah Dilt's Farm Main Pavilion	Coliform, Monthly	9/30/2010
NJ1008301	East Amwell Township	Arsenic	3/31/2010
NJ1008315	Catering By Maddalena's	Coliform, Monthly	11/29/2010
NJ1009300	Flemington Raritan Community Pool	Coliform, Monthly	7/31/2010
		Coliform, Monthly	6/30/2010
NJ1016315	Canyon Creek Grill	Coliform, Monthly	12/23/2010
NJ1016324	Route 12 Business Park	Arsenic	3/22/2010
NJ1018300	Victor Katnura	Coliform, Monthly	1/31/2010
NJ1019300	Camp Bernie	Coliform, Monthly	4/30/2010
NJ1019334	Tony's Bistro	Coliform, Acute	5/31/2010
		Coliform, Acute	7/28/2010
		Coliform, Monthly	4/30/2010
NJ1021318	Metro Cafe & Diner	Coliform, Monthly	2/28/2010
NJ1021338	Angelo's	Coliform, Monthly	11/15/2010
NJ1021408	ABC Associates	Coliform, Monthly	9/30/2010
NJ1021412	Tradition Residential Health Care	Coliform, Monthly	2/28/2010
NJ1021425	Bartle's Corner Business Park Bldg 2	Coliform, Monthly	8/31/2010
NJ1021426	Brite Side Adult Care Center	Coliform, Monthly	12/22/2010
		Coliform, Monthly	12/22/2010
NJ1021430	Hunterdon Regional Community Health	Coliform, Acute	7/31/2010
		Coliform, Acute	6/30/2010
		Coliform, Acute	4/30/2010
NJ1021436	James Toyota	Arsenic	12/31/2010
NJ1022305	Berry Patch Early Learning	Arsenic	6/30/2010
		Arsenic	3/31/2010
NJ1022332	YMCA Deer Path Park	Coliform, Monthly	2/28/2010
NJ1022355	The Gables	Coliform, Monthly	8/31/2010
		Coliform, Monthly	9/28/2010
NJ1022384	Falcone Pizza	Coliform, Acute	7/31/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1022384	Falcone Pizza (cont'd)	Coliform, Acute	6/30/2010
NJ1024315	Ross & Owren	Coliform, Acute	11/9/2010
NJ1025305	Johnny's Truck Stop	Coliform, Acute	7/31/2010
		Coliform, Monthly	12/21/2010
		Coliform, Monthly	6/30/2010
NJ1025318	Exxon Corporation	Coliform, Monthly	5/31/2010
NJ1026301	ESC School	Arsenic	3/31/2010
NJ1026310	Breen Color	Coliform, Monthly	12/2/2010
NJ1026318	Mt. Airy Happy Time School	Coliform, Monthly	2/28/2010
NJ1101312	American Legion Post 148	Coliform, Monthly	7/31/2010
		Coliform, Monthly	5/31/2010
		Coliform, Monthly	6/30/2010
NJ1101316	Etra Lake Park	Coliform, Monthly	7/31/2010
NJ1101322	2nd Pentecostal Church	Nitrate	3/31/2010
NJ1102307	Faridy Veisz Fraytak PC	Coliform, Monthly	12/30/2010
		Coliform, Monthly	12/30/2010
NJ1106318	Hopewell Valley Tennis Club	Coliform, Acute	11/1/2010
NJ1106335	Washington Crossing State Park Grove Picnic	Coliform, Monthly	5/31/2010
NJ1106336	Washington Crossing Sp Maintenance Shop	Coliform, Acute	5/31/2010
NJ1106345	Pennington Business Park	Coliform, Acute	2/17/2010
		Coliform, Acute	2/17/2010
		Coliform, Acute	2/17/2010
		Coliform, Monthly	7/31/2010
		Coliform, Monthly	2/17/2010
NJ1106369	Hillbilly Hall, Inc.	Coliform, Monthly	5/31/2010
NJ1106389	Hopewell Valley Golf Course #6	Coliform, Monthly	5/31/2010
NJ1107324	The Lawrenceville School-Athle	Coliform, Monthly	10/18/2010
NJ1108301	The Pennington School	Arsenic	6/30/2010
		Arsenic	3/31/2010
NJ1309316	Colts Neck Pizzeria	Coliform, Acute	12/31/2010
NJ1309337	Colts Neck High School	Coliform, Monthly	2/28/2010
		Coliform, Monthly	9/30/2010
NJ1309424	Trump National Golf Club @ Colts Neck	Coliform, Monthly	1/31/2010
		Coliform, Monthly	2/28/2010
NJ1316375	Frankie Feds Pizza & Pasta Ho	Coliform, Monthly	8/31/2010
NJ1319404	Kobe Restaurant	Coliform, Acute	4/30/2010
NJ1319459	Getty Station #00658	Coliform, Acute	2/28/2010
		Coliform, Monthly	5/31/2010
		Coliform, Monthly	4/30/2010
		Coliform, Monthly	1/31/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1319459	Getty Station #00658 (cont'd)	Coliform, Monthly	3/31/2010
NJ1326309	Olde Silver Tavern	Coliform, Monthly	9/30/2010
NJ1332328	Country Store & Deli Too	Coliform, Monthly	11/30/2010
NJ1352314	Mike's Deli	Coliform, Monthly	9/30/2010
NJ1407334	Chester Twp Police Station & Town Hall	Coliform, Monthly	7/31/2010
		Coliform, Monthly	12/31/2010
NJ1414323	Portofino's	Coliform, Monthly	10/31/2010
		Coliform, Monthly	9/30/2010
NJ1414349	Tiny's	Coliform, Monthly	9/30/2010
		Coliform, Monthly	8/31/2010
NJ1414360	Hurdtown Methodist Church	Coliform, Acute	12/31/2010
		Coliform, Acute	11/30/2010
		Coliform, Monthly	10/31/2010
NJ1414390	Skyland Medical Group, P.A.	Coliform, Monthly	6/30/2010
NJ1414394	Lakeview Motel	Coliform, Monthly	6/30/2010
		Coliform, Monthly	7/31/2010
NJ1414415	Jefferson Twp Public Works	Coliform, Monthly	5/31/2010
NJ1415306	Wise Owl Learning Center	Coliform, Monthly	6/30/2010
NJ1415310	Community Church Of Smoke Rise	Coliform, Monthly	10/31/2010
NJ1427308	Chester M Stephens Elem School	Coliform, Monthly	10/20/2010
NJ1427334	Country Farms	Coliform, Acute	2/28/2010
NJ1427335	Flanders General Store/I Love Subs	Coliform, Acute	5/31/2010
		Coliform, Monthly	4/30/2010
NJ1427395	Mount Olive Shopping Parkade	Coliform, Monthly	12/10/2010
		Coliform, Monthly	10/22/2010
		Coliform, Monthly	7/31/2010
NJ1432327	Randolph Shell Service Station	Coliform, Monthly	12/31/2010
NJ1435322	Rockaway Twp Bd of Ed -Adm Bldg	Coliform, Monthly	11/15/2010
NJ1435329	First Baptist Church of Dover	Coliform, Acute	7/31/2010
		Coliform, Monthly	6/30/2010
NJ1436300	Hopatcong State Park	Coliform, Monthly	11/18/2010
NJ1439301	Tilcon Administration	Coliform, Monthly	12/31/2010
NJ1511390	Lakewood Estonian Club	Coliform, Monthly	8/31/2010
		Coliform, Monthly	6/30/2010
NJ1511394	Country Stop	Coliform, Acute	6/30/2010
NJ1511397	VFW Post 4703	Coliform, Monthly	4/30/2010
NJ1511414	Young At Heart	Coliform, Monthly	12/31/2010
NJ1514342	Dr Richter	Coliform, Acute	6/17/2010
		Coliform, Monthly	6/17/2010
NJ1523303	Pyramid Plaza Shopping Center	Coliform, Monthly	6/30/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1523324	Sal & Vinny's Italian Villa	Coliform, Monthly	12/31/2010
NJ1602307	Jin-A Child Care Center	Coliform, Monthly	10/31/2010
NJ1611304	Ringwood St Park-Back Pi	Coliform, Acute	8/31/2010
NJ1611326	Ringwood State Park (Country	Coliform, Monthly	5/31/2010
NJ1611369	Farmstead Estate	Coliform, Monthly	5/31/2010
		Coliform, Monthly	6/30/2010
NJ1615312	Upper Greenwood Lake School	Coliform, Acute	1/31/2010
NJ1615329	Marshall Hill School	Coliform, Monthly	11/30/2010
NJ1615330	Paradise Knoll School	Coliform, Monthly	10/31/2010
NJ1615363	Town Tavern Country Inn/Well1	Coliform, Monthly	8/31/2010
NJ1615393	Ann Gas Mart	Coliform, Acute	11/30/2010
		Coliform, Acute	10/31/2010
		Coliform, Acute	9/30/2010
		Coliform, Monthly	10/31/2010
		Coliform, Monthly	9/30/2010
		Coliform, Monthly	8/31/2010
NJ1615397	Red Oak Pancake House	Coliform, Monthly	2/28/2010
		Coliform, Monthly	3/31/2010
		Coliform, Monthly	1/31/2010
NJ1615399	Primo's Pizzeria & Deli	Coliform, Monthly	12/31/2010
NJ1615404	S&S Deli Said Hashimi	Coliform, Monthly	12/31/2010
NJ1615426	Island Of Spirits	Coliform, Monthly	11/30/2010
		Coliform, Monthly	12/31/2010
NJ1615445	Utopia Deli And Cafe	Coliform, Monthly	1/31/2010
NJ1701305	Tall Pines Camp Ground	Nitrate	9/30/2010
NJ1701321	Boy Scout Camp Grice	Coliform, Monthly	10/31/2010
		Coliform, Monthly	11/30/2010
NJ1704300	Salem Generating Station	Coliform, Monthly	7/22/2010
		Coliform, Monthly	10/31/2010
NJ1706309	Borrelli Farms	Coliform, Monthly	4/30/2010
NJ1708300	E I Dupont Chamber Works	TTHM	5/11/2010
		TTHM	5/11/2010
		TTHM	5/11/2010
NJ1709302	Woodlanes	Coliform, Monthly	4/30/2010
NJ1709305	Wagon Wheel	Coliform, Monthly	3/31/2010
NJ1711308	Bradways Farm Market	Coliform, Monthly	11/30/2010
NJ1714326	Elmer Swim Club Inc	Nitrate	6/30/2010
		Nitrate	7/27/2010
NJ1802305	SCPC Stable Facility	Coliform, Monthly	3/31/2010
NJ1805394	Neshanic Valley Golf Course	Coliform, Monthly	9/30/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1805394	Neshanic Valley Golf Course (cont'd)	Coliform, Monthly	10/31/2010
NJ1805398	South Branch Family Practice	Coliform, Monthly	3/31/2010
NJ1806354	Roller Hockey Rink	Coliform, Monthly	11/30/2010
		Coliform, Monthly	9/30/2010
		Coliform, Monthly	10/31/2010
NJ1808303	Colonial Park-Ballfield	Coliform, Acute	8/31/2010
		Coliform, Monthly	6/30/2010
		Coliform, Monthly	7/31/2010
NJ1808304	Colonial Park Horticulture	Coliform, Acute	5/31/2010
		Coliform, Monthly	4/30/2010
		Coliform, Monthly	3/31/2010
NJ1808313	Colonial Park Sanitary Fac #2	Coliform, Monthly	11/30/2010
		Coliform, Monthly	7/31/2010
		Coliform, Monthly	6/30/2010
		Coliform, Monthly	9/30/2010
		Coliform, Monthly	10/31/2010
NJ1808353	Bunker Hill Golf Course	Coliform, Monthly	6/30/2010
NJ1810352	Mark E Singley Park	Coliform, Monthly	3/31/2010
NJ1810354	Hillsborough Country Club - Well #2	Coliform, Acute	11/17/2010
NJ1813315	Princeton Mont Soc Inc	Coliform, Monthly	11/30/2010
		Coliform, Monthly	12/31/2010
NJ1813326	Princeton English Congression Of Jehovah	Coliform, Monthly	9/30/2010
NJ1820303	Vincent's at the King George Inn	Coliform, Monthly	12/31/2010
		Coliform, Monthly	11/30/2010
NJ1902311	Sparta Medical Assoc Office Plaza-Dr Lab	Coliform, Monthly	11/15/2010
NJ1902353	Sussex County Medical Association	Coliform, Acute	12/20/2010
NJ1904307	Panther Lake Cg - Orchard Park	Coliform, Monthly	11/1/2010
NJ1904320	Wild West City	Coliform, Acute	10/31/2010
NJ1904342	Waterloo Village	Coliform, Monthly	11/29/2010
		Coliform, Monthly	11/29/2010
NJ1904361	Tomahawk Lake Inc	Coliform, Monthly	8/31/2010
NJ1905353	Westview Property Inc	Coliform, Monthly	6/30/2010
NJ1906304	Franklin Armory	Coliform, Acute	10/11/2010
NJ1909300	The Market Place	Coliform, Monthly	6/30/2010
NJ1910338	Sacred Heart Retreat Center	Coliform, Acute	8/31/2010
		Coliform, Monthly	7/31/2010
NJ1911323	Chrissy's Place	Coliform, Acute	4/30/2010
NJ1911348	Hardyston Municipal Building	Coliform, Monthly	5/31/2010
NJ1911350	Sports Complex	Coliform, Acute	10/31/2010
NJ1912346	Kabobs @ Northwood Inn	Coliform, Monthly	11/26/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ1913301	Lafayette Firehouse	Coliform, Monthly	1/31/2010
NJ1914303	Mcdonald's Restaurant	Coliform, Monthly	6/30/2010
NJ1914305	Montague Volunteer Fire Dept	Coliform, Monthly	7/31/2010
NJ1914319	Candy's Pizza	Coliform, Monthly	8/31/2010
		Coliform, Monthly	9/30/2010
NJ1914332	Cedar Ridge Campground	Coliform, Monthly	8/31/2010
NJ1914337	BP	Coliform, Monthly	2/19/2010
		Coliform, Monthly	2/19/2010
		Coliform, Monthly	2/19/2010
		Coliform, Monthly	2/19/2010
NJ1917324	Camp Linwood	Coliform, Monthly	1/31/2010
NJ1918315	Sprinkle Shack	Coliform, Acute	6/30/2010
		Coliform, Acute	5/31/2010
NJ1920320	Boathouse	Coliform, Monthly	12/7/2010
NJ1922313	Sussex County Library	Nitrate	1/5/2010
NJ1922334	Hidden Valley Family Club	Coliform, Acute	3/31/2010
		Coliform, Monthly	10/29/2010
NJ1922367	Ferguson-Vernon Funeral	Coliform, Monthly	7/31/2010
NJ1923303	Walpack Valley Env Ed Ctr	Coliform, Monthly	6/30/2010
NJ1923309	Bear Creek Campground	Coliform, Monthly	6/30/2010
NJ1924319	Sussex Motel Nirmal Inc	Coliform, Acute	1/31/2010
NJ1924325	Pleasant Acres Farm Campground	Coliform, Monthly	6/30/2010
NJ1924353	Magarino Ford	Coliform, Monthly	11/26/2010
NJ1924359	Beemerville Orchards	Coliform, Monthly	10/29/2010
NJ2104315	The Forge	Coliform, Monthly	11/30/2010
		Coliform, Monthly	10/31/2010
NJ2104318	Camp Siddhachalam	Coliform, Monthly	11/30/2010
NJ2104320	Good Shepherd Pre School	Coliform, Acute	12/31/2010
NJ2104332	Winners Circle BBQ	Coliform, Monthly	9/30/2010
		Coliform, Monthly	10/31/2010
NJ2104340	Ascenza Wellness Center	Coliform, Monthly	6/30/2010
NJ2104343	Skylands Medical Building C/O Route 94 R	Coliform, Monthly	10/31/2010
NJ2104344	First Hope Bank	Coliform, Acute	1/31/2010
		Coliform, Acute	3/31/2010
NJ2105301	Home Plate Dairy	Coliform, Monthly	9/30/2010
NJ2105311	Asbury Vol Fire Co No1	Coliform, Monthly	9/30/2010
NJ2105325	World Apostolate of Fatima	Coliform, Monthly	4/30/2010
NJ2106300	Jenny Jump State Forest	Coliform, Acute	10/31/2010
NJ2106309	James Alexander Corp	Coliform, Monthly	8/31/2010
NJ2106314	Jenny Jump St Park-Site	Coliform, Monthly	6/30/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ2106314	Jenny Jump St Park-Site (cont'd)	Coliform, Monthly	7/31/2010
NJ2106315	Jenny Jump St Park-Site	Coliform, Monthly	6/30/2010
NJ2106319	Ridge & Valley Charter School	Coliform, Acute	10/31/2010
NJ2107303	Rath's Deli	Coliform, Acute	3/31/2010
		Coliform, Acute	1/31/2010
		Coliform, Monthly	2/28/2010
NJ2107306	Sammy's	Coliform, Monthly	7/31/2010
NJ2107317	Bagelsmith/Stewartsville Service	Coliform, Monthly	9/30/2010
		Coliform, Monthly	10/31/2010
NJ2109300	Little Hill Foundation Inc	Coliform, Monthly	3/31/2010
NJ2109316	Worthington State Park	Coliform, Monthly	10/31/2010
NJ2109318	Mohican Outdoor Center-DWGNRA	Coliform, Monthly	9/30/2010
		Coliform, Monthly	10/31/2010
NJ2111300	Hope Twp Elementary School	Coliform, Monthly	10/31/2010
NJ2111301	Land of Make Believe	Coliform, Monthly	7/31/2010
NJ2111318	The Mediterranean	Coliform, Monthly	6/30/2010
NJ2112324	Great Meadows Regional Middle	Coliform, Monthly	9/30/2010
		Coliform, Monthly	10/31/2010
		Coliform, Monthly	6/30/2010
NJ2112326	Roman Pizza of Great Meadows	Coliform, Acute	9/30/2010
NJ2112328	Klassy Kids	Coliform, Monthly	9/30/2010
NJ2113300	Triplebrook Family Campground	Coliform, Monthly	8/31/2010
		Coliform, Monthly	7/31/2010
NJ2113306	Buckwood Bistro	Coliform, Monthly	6/30/2010
		Coliform, Monthly	12/31/2010
NJ2113316	Knowlton American Legion	Coliform, Monthly	6/30/2010
		Coliform, Monthly	7/31/2010
NJ2113326	Camp Taylor Campground	Coliform, Monthly	9/30/2010
NJ2113340	Triplebrook Family Campground	Coliform, Acute	7/31/2010
		Coliform, Monthly	9/30/2010
		Coliform, Monthly	10/31/2010
		Coliform, Monthly	8/31/2010
NJ2114316	J P Kelly's	Coliform, Monthly	3/31/2010
NJ2115315	Little Achievers Child Care	Coliform, Monthly	2/28/2010
NJ2119303	Gulbrandsen Technologies Inc;	Coliform, Acute	11/30/2010
		Coliform, Monthly	10/31/2010
NJ2122312	Ernie & Dom's Pizzeria	Coliform, Monthly	1/31/2010
NJ2122326	Washington Shopping Center, Inc	Coliform, Monthly	9/30/2010
		Coliform, Monthly	7/31/2010
NJ2122329	Greenwood Farm	Coliform, Monthly	12/31/2010

Appendix D: Noncommunity Water System 2010 MCL Violations

System ID	System Name	Contaminant	Violation Period
NJ2123300	Belvidere Shopping Plaza	Coliform, Monthly	9/30/2010
		Coliform, Monthly	2/28/2010
NJ2123307	Short Stop Drive In	Coliform, Acute	6/30/2010
NJ2123317	Bel-Pike Lanes	Coliform, Monthly	3/31/2010
NJ2123342	Butzville United Methodist Church	Coliform, Monthly	9/30/2010
NJ2123348	Dr. Michael Belby	Coliform, Monthly	9/30/2010

Appendix E: Noncommunity Water System 2010 Action Level Exceedances

System ID	System Name	Contaminant	Violation Period
NJ0102301	Resorts Atlantic City	Lead	6/30/2010
NJ0105360	Saint Mary's School - Well 2	Copper	6/30/2010
		Lead	6/30/2010
NJ0109302	Estell Manor School	Copper	12/31/2010
NJ0112358	Egg Harbor Toll Plaza	Copper	12/31/2010
NJ0258301	Wandell Elementary School	Lead	12/31/2010
NJ0306308	Burlington GSA	Copper	6/30/2010
NJ0315301	Fountain of Life Center	Lead	12/31/2010
NJ0436481	Donio Trucking	Copper	6/30/2010
NJ0603324	Deerfield Municipal Court & Senior Center	Copper	12/31/2010
NJ0607302	Hopewell Elementary School	Copper	12/31/2010
NJ0613328	Matriark Family Center	Copper	6/30/2010
		Lead	6/30/2010
NJ0614344	Senior Care of Vineland	Copper	6/30/2010
NJ0809301	Ferro Corporation	Lead	12/31/2010
NJ0817305	Kingsway Regional School	Copper	6/30/2010
NJ1006310	Ivy Leaf School	Lead	12/31/2010
NJ1006364	Hunterdon BMW Inc	Copper	6/30/2010
NJ1008300	Albert Elias Residential Group	Lead	6/30/2010
NJ1008301	East Amwell Twp	Lead	12/31/2010
NJ1010310	Cross Roads Christian Academy	Lead	12/31/2010
NJ1017301	Phillips Barber Health Center	Lead	12/31/2010
NJ1019309	Hunterdon Learning Center	Lead	12/31/2010
NJ1019322	Woodglen School	Lead	12/31/2010
NJ1022300	Readington School	Lead	6/30/2010
NJ1024301	Old Turnpike School	Lead	12/31/2010
NJ1026301	ESC School	Copper	6/30/2010
		Lead	6/30/2010
NJ1106315	Berwyn Group	Lead	12/31/2010
NJ1202302	Home Depot Distribution Center	Copper	12/31/2010
NJ1302300	Kube-Pak Corporation	Lead	12/31/2010
NJ1309336	Coltstown Group/Shopping Center	Lead	6/30/2010
NJ1332363	Dugan's Corner Center	Lead	12/31/2010
NJ1332384	Millstone Twp New Middle School	Copper	12/31/2010
		Lead	6/30/2010
NJ1352322	Brielle Hills Condo Association Bldg 8,9	Copper	6/30/2010
		Lead	6/30/2010
NJ1352326	Brielle Hills Condo Association Bldg 6&7	Lead	12/31/2010
NJ1406326	1 Mill Ridge Lane	Lead	12/31/2010
NJ1406327	6 Mill Ridge Lane	Lead	12/31/2010

Appendix E: Noncommunity Water System 2010 Action Level Exceedances

System ID	System Name	Contaminant	Violation Period
NJ1407313	Cheshire Bldg/ A and S Chester Associates	Copper	6/30/2010
		Lead	6/30/2010
NJ1407318	CM Offray and Son Inc	Lead	12/31/2010
NJ1415305	Our Lady of the Magnific	Copper	12/31/2010
		Lead	12/31/2010
NJ1415308	Apple Montessori Schools	Lead	12/31/2010
NJ1427383	Johnson Dodge & Eagle	Copper	12/31/2010
NJ1427386	Almetek Industries Inc	Lead	12/31/2010
NJ1427395	Mount Olive Shopping Parkade	Copper	12/31/2010
NJ1432350	WDIFTK Inc	Copper	6/30/2010
		Lead	6/30/2010
NJ1432354	Goddard School	Copper	6/30/2010
		Lead	6/30/2010
NJ1435318	Rockaway Twp Garage	Lead	6/30/2010
NJ1436326	Mcdonald's	Copper	12/31/2010
NJ1436329	Philips Accessories & Computer Peripherals	Copper	12/31/2010
NJ1436381	Roxbury Dept. of Public Works	Lead	12/31/2010
NJ1439301	Tilcon Administration	Copper	12/31/2010
		Copper	6/30/2010
NJ1615312	Upper Greenwood Lake School	Lead	6/30/2010
NJ1615325	Macopin School	Lead	6/30/2010
NJ1615333	St Joseph's Church	Lead	12/31/2010
NJ1615334	Oakridge Presbyterian Church/My School Day	Lead	6/30/2010
NJ1705306	Remsterville Learning Center	Copper	12/31/2010
		Lead	6/30/2010
NJ1706300	John Fenwick Rest Stop	Lead	12/31/2010
NJ1706303	Polyone Corporation	Copper	12/31/2010
NJ1710328	Eatmore Inc	Copper	6/30/2010
		Lead	6/30/2010
NJ1710339	Daytop Village	Copper	12/31/2010
NJ1810309	Woodfern School	Lead	12/31/2010
NJ1906315	Sterling Plaza Office	Lead	12/31/2010
NJ1911348	Hardyston Municipal Building	Copper	12/31/2010
NJ1922300	Walnut Ridge Primary School	Lead	12/31/2010
NJ1924316	High Point Regional High School	Lead	12/31/2010
NJ2110300	Harmony Twp Elementary School	Lead	12/31/2010