

Safe Drinking Water Act Violations 2012



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

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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, 2012 to December 31, 2012.

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 United States Environmental Protection Agency (USEPA). The statutory language requiring an annual report by states and distribution of report summaries appears in Appendix A.

The Drinking Water Program: An Overview

Under the Safe Drinking Water Act of 1974, and subsequent 1986 and 1996 amendments, the USEPA sets national limits on contaminant levels in drinking water, known as Maximum Contaminant Levels (MCLs), to ensure drinking water is safe for human consumption. The USEPA also establishes treatment techniques instead of MCLs to control unacceptable levels of some contaminants. The USEPA regulates how often public water systems monitor their drinking water for contaminants and report the monitoring results to the State or the USEPA. Generally, the larger the population served by a water system, the more frequently monitoring and 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 public water system is doing to correct the violation and the possibility of using an alternative water supply until the violation is resolved.

The Safe Drinking Water Act allows states and territories to seek the USEPA approval to regulate public water systems themselves, an authority called primacy. To receive primacy, a State 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 System Operations Element within the New Jersey Department of Environmental Protection (NJDEP), which includes the Bureau of Safe Drinking Water and the Bureau of Water System Engineering, 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 and visitors of New Jersey.

Annual State Public Water System Reports

The annual compliance summary report that states are required to submit to the 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. The 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 (PWS) is defined as a system that provides water for human consumption to at least 15 service connections or serves an average of at least 25 individuals for at least 60 days out of the year. There are three types of PWS: 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 otherwise specified.

As of December 31, 2012, New Jersey listed 3,791 PWS in its inventory, including 602 community water systems, 745 nontransient noncommunity water systems, and 2,444 transient noncommunity water systems. The number of systems continually changes due to mergers, opening and closing of businesses, connections of nontransient noncommunity or transient noncommunity water systems to community water systems, or changes in population served that results in classification or declassification of a PWS. Table 1 below depicts changes in the number of PWS since 1996.

Table 1
Public Water Systems in New Jersey

Year	Community Water Systems	Nontransient Noncommunity Water Systems	Transient Noncommunity Water Systems	Total
2012	602	745	2,444	3,791
2011	607	775	2,488	3,870
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 Levels

As stated above, the USEPA sets national limits on contaminant levels, known as Maximum Contaminant Levels (MCLs), in drinking water to ensure it is safe for human consumption. All adopted federal MCLs are also New Jersey MCLs.

The 1983 amendments to the New Jersey Safe Drinking Water Act provided a list of contaminants for the New Jersey Drinking Water Quality Institute to review and to recommend MCLs to the NJDEP based on specified criteria. Additionally, the New Jersey Drinking Water Quality Institute is granted authority to select additional contaminants to regulate, if needed. Both the federal Safe Drinking Water Act and New Jersey Safe Drinking Water Act require that the standards adopted by the NJDEP must be equal to or stricter than federal standards. As a result, twelve volatile organic compounds, one synthetic organic compound (chlordane), and one inorganic chemical (arsenic) have New Jersey MCLs stricter than federal MCLs (Table 2 below).

Table 2
Inorganic, Volatile Organic and Synthetic Organic Chemicals 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

Five additional volatile organic compounds are regulated as primary contaminants by New Jersey (Table 3 below) but not by the USEPA.

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

Violation data for all regulated contaminants and their federal and state MCLs appear in Table 8.

Treatment Techniques

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

Variances and Exemptions

Federal primary drinking water regulations allow that variances and exemptions to specific requirements be granted in certain cases, but only if public health is protected and other conditions are met. Examples of such cases include a system that cannot meet the MCL at once based on raw water features or a small system that cannot afford to meet non-microbial MCLs. As NJDEP has never issued variances or exemptions, regulations on variances 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.

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.

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 Radiological 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, a 15-member advisory body to NJDEP on drinking water issues, was charged with investigating the value of establishing an MCL for radium 224 in 2000. The Institute determined in 2002 that analyzing samples within 48 hours for gross alpha particle activity provided more public health protection than the Federal Rule and recommended that all gross alpha analyses in New Jersey be analyzed using the 48-hour test method.

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 exceedances of the Lead and Copper Rule; nontransient noncommunity Lead and Copper Rule exceedances appear in Appendix E.

Following is a summary of 2012 violation data for each contaminant group, followed by consumer notification violations.

Volatile Organic Compounds (VOC) Rule

MCL Violations. There were no VOC MCL violations for the community water systems and nontransient noncommunity water systems that monitored for VOCs in 2012. This is the first year since MCLs were established for VOCs in 1989 that there have been no MCL violations. In 2011, six MCL violations were issued at three systems, all for tetrachloroethylene.

Monitoring/Reporting Violations. As seen in Table 4, a total of 30 water systems had at least one VOC monitoring violation. The total number of monitoring/reporting violations for VOCs in Table 4 is 665, which is a slight increase from 2011. This is a low number of violations 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 detection of a VOC in the water system.

Table 4
Volatile Organic Compound Monitoring/Reporting Violations

Year	Volatile Organic Compound Monitoring/Reporting Violations	Systems with Volatile Organic Compound Monitoring/Report Violations
2012	665	30
2011	609	20
2010	1,609	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

Synthetic Organic Compounds (SOCs) Rule

MCL Violations. Samples were taken by NJDEP in 2012 for surface water systems only; follow-up treated water samples are planned in 2013 for those surface water systems with detections of SOC in their untreated water. Untreated groundwater samples are scheduled to be collected in 2012. One system was issued four MCL violations for exceeding the MCL for ethylene dibromide.

This group of compounds, mostly pesticides, benefits from the extensive studies and the monitoring and waiver program that has been developed. As part of this waiver process, every three years the Bureau of Safe Drinking Water 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. As a result of this sampling, most water systems receive SOC sampling waivers.

Monitoring/Reporting Violations. As NJDEP conducts targeted statewide SOC monitoring, there were no requirements for routine monitoring and thus no monitoring/reporting violations in 2012.

Inorganic Chemicals (IOCs) Rule

MCL Violations. Excluding nitrate, in 2012 there were five MCL violations at two systems for arsenic, and one MCL violation for mercury. This compares to eight MCL violations at four systems for non-nitrate inorganics (all arsenic) in 2011.

In 2012, eight nitrate MCL violations occurred at six water systems, compared to 19 in 15 systems in 2011 (Table 5).

The NJDEP issues waivers for asbestos monitoring. The current nine-year compliance cycle is in effect from 2011-2019. Community and nontransient noncommunity water systems were notified of their waiver status in late 2012. There were no violations for 2012 because systems were not yet required to monitor and may collect samples through the end of 2013.

**Table 5
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
2012	8	6	0.2	130	124	3.3
2011	19	15	0.4	100	95	2.5
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 100 in 2011 to 130 in 2012 (Table 5). Systems with nitrate monitoring/reporting violations went from a total of 95 in 2011 to 124 in 2012.

Radiological Rule

MCL Violations. During 2012, 8 public water systems violated the gross alpha standard, 6 systems violated the radium 226/228 standard, and 1 system violated the uranium standard, for a total of 21 violations. During 2011, 7 water systems violated the gross alpha standard, 3 violated the radium 226/228 standard, and 2 violated the uranium standard, for a total of 31 violations.

Monitoring/Reporting Violations. Some 10 monitoring/reporting violations in 8 systems were incurred for gross alpha, 10 M&R violations in 8 systems for radium 226/228, and 10 M&R violations in 8 systems for uranium, for a total of 30 in 8 systems for 2012. There were 31 in 9 systems in 2011.

Lead and Copper Rule

Action Level Exceedances. In 2012, 44 Action Level exceedances (ALEs) for lead occurred for 42 systems, while 16 copper ALEs occurred for 16 systems. This compared to 2011 figures of 33 public water systems with 35 lead ALEs and 26 systems with 28 copper ALEs.

Monitoring/Reporting Violations. There were 20 M/R violations for 20 systems in 2012, compared to 47 violations for 47 systems in 2011.

Total Coliform Rule

MCL Violations. As depicted in Table 6 (next page—acute and monthly Total Coliform Rule MCL violations since 1996), the total number of Total Coliform Rule MCL violations decreased in 2012 (382) compared to 2011 (477). Of those violations, 57 acute violations occurred in 2012 compared to 83 in 2011, and the number of monthly violations decreased to 325 in 2012 from 339 in 2011.

An acute violation for TCR is issued when 1) a routine total coliform sample is positive, **and** at least one of the required repeat samples is total coliform positive **and** E. coli positive, or 2) a routine total coliform sample is positive and E. coli positive, **and** at least one of the repeat samples is total coliform positive. The violation results in a boil water advisory, and investigation and/or corrective action.

Microbial quality as measured by the Total Coliform Rule continues to yield good results for the monitoring performed in 2012. Certified drinking water laboratories performed over 100,000 coliform analyses for the 3,791 public water systems to insure that the microbiological quality of the drinking water met the standards. However, the percentage of public water systems with a Total Coliform Rule MCL violation decreased from 7.7% in 2011 to 6.7% in 2012; the number of systems with acute Total Coliform Rule MCL violations decreased 32% from 2011 (72) to

2012 (49); and the number of systems with monthly Total Coliform Rule MCL violations (240) in 2012 also decreased compared to 2011 (282).

**Table 6
Total Coliform Rule MCL Violations for all Public Water Systems**

Total Coliform Rule MCL Violations				Systems with Total Coliform Rule MCL Violations			
Year	Acute	Monthly (non-acute)	Total	Acute	Monthly (non-acute)	Total	Percent
2012	57	325	382	49	240	254	6.7
2011	83	394	477	72	282	299	7.7
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

Monitoring/Reporting Violations. Table 7 on the next page depicts the Total Coliform Rule monitoring/reporting violations (530) for all public water systems in 2012, which is higher than in 2011 (352). Note that both years show more violations than in previous years, partly due to a new violation type for E. coli monitoring added in 2011. Out of 3,791 PWS, 395 public water systems (10%) missed sampling at least once during 2012.

**Table 7
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
2012	530	395	11
2011	352	232	6
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

Surface Water Treatment Rule

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 2012.

Disinfectant and Disinfection By-Product Rule – Total Trihalomethanes, Total Haloacetic Acids and Disinfectant Byproduct Precursors

MCL Violations. There were 15 MCL violations at 9 systems for total trihalomethanes in 2012 (15 at 7 systems in 2011) and zero MCL violations for total haloacetic acids (zero in 2011).

Monitoring/Reporting Violations. There were 51 monitoring/reporting violations at 44 systems for trihalomethanes, and 49 monitoring/reporting violations at 41 systems for haloacetic acids in 2012. This compares to 33 monitoring/reporting violations at 29 systems for trihalomethanes, and 33 monitoring/reporting violations at 29 systems for haloacetic acids, plus a failure to monitor DBP1 violation at one system, in 2011.

On April 1, 2012 Stage 2 Disinfectants and Disinfection Byproduct Rule quarterly monitoring requirements began for community water systems serving more than 100,000; systems serving 50,000 – 99,999 were also required to begin quarterly monitoring starting October 1, 2012. No water systems were in violation of this rule in calendar year 2012, although several systems exceeded the operational evaluation level and were required to submit operational evaluation reports to the reports to.

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 bacteria, such as *E. coli*, and viruses. 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 2012, 84 systems had 137 Ground Water Rule (GWR) M&R violations assessed for failure to conduct triggered *E. coli* sampling (after a distribution sample taken as part of the Total Coliform Rule was total coliform positive). Twelve systems had 29 M&R violations for failure to conduct monthly assessment monitoring of the raw water wells, 12 systems had 13 Treatment Technique (TT) violations for failure to address contamination within the 120 day deadline, and 5 systems had 7 M&R violations for water systems certified for 4-log virus inactivation treatment. Overall 108 systems had 186 GWR violations in 2012.

The GWR requires well water sampling when total coliform is detected in the distribution system even if subsequent sampling does not result in a Total Coliform Rule MCL violation determination. The GWR M&R violations are assessed for not fulfilling the increased monitoring requirements triggered by the TCR event.

Consumer Notification Violations

Some 43 community water systems (CWS) did not issue their 2012 Consumer Confidence Report (CCR), representing 2011 drinking water test results, to the public on time. Some 25 CWS did not submit the required Certification of CCR issuance. 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.

Table 8
New Jersey
Summary of MCL, Treatment Technique, and Monitoring and Reporting Violations for 2012
Reporting Interval: January 1, 2012 through December 31, 2012

SDWIS Codes	<u>Organic Contaminants</u>	MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations
2981	1,1,1-Trichloroethane	0.2	0.03	0	0			31	25
2977	1,1-Dichloroethylene	0.007	0.002	0	0			31	25
2985	1,1,2-Trichloroethane	0.005	0.003	0	0			31	25
2378	1,2,4-Trichlorobenzene	0.07	0.009	0	0			32	26
2931	1,2-Dibromo-3-chloropropane (DBCP)	0.0002		0	0			0	0
2980	1,2-Dichloroethane	0.005	0.002	0	0			31	25
2983	1,2-Dichloropropane	0.005		0	0			31	25
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		
2051	Alachlor	0.002		0	0			0	0
2050	Atrazine	0.003		0	0			0	0
2990	Benzene	0.005	0.001	0	0			30	24
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			31	25
2959	Chlordane	0.002	0.0005	Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2380	Cis-1,2-Dichloroethylene	0.07		0	0			31	25

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

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New Jersey
Summary of MCL, Treatment Technique, and Monitoring and Reporting Violations for 2012
Reporting Interval: January 1, 2012 through December 31, 2012

SDWIS Codes	<u>Organic Contaminants</u>	MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations
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			31	25
2041	Dinoseb	0.007		0	0			0	0
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			31	25
2946	Ethylene dibromide (EDB)	0.00005		4	1			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.

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Reporting Interval: January 1, 2012 through December 31, 2012

SDWIS Codes	<u>Organic Contaminants</u>	MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ 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			31	25
2968	1,2-Dichlorobenzene	0.6		0	0			32	26
2969	1,4-Dichlorobenzene	0.075		0	0			32	26
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			31	25
2984	Trichloroethylene	0.005	0.001	0	0			31	25
2996	Styrene	0.1		0	0			31	25
2991	Toluene	1		0	0			31	25
2979	Trans-1,2-Dichloroethylene	0.1		0	0			31	25
2955	Xylenes (total)	10	1	0	0			36	28
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

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

Table 8
New Jersey
Summary of MCL, Treatment Technique, and Monitoring and Reporting Violations for 2012
Reporting Interval: January 1, 2012 through December 31, 2012

SDWIS Codes	<u>Organic Contaminants</u>	MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations
2037	Simazine	0.004		Statewide waiver	Statewide water			Statewide waiver	Statewide waiver
2976	Vinyl chloride	0.002		0	0			30	24
2967	1,3-Dichlorobenzene		0.6	0	0			3	3
2978	1,1-Dichloroethane		0.05	0	0			1	1
2251	Methyl tertiary-butyl ether		0.07	0	0			1	1
2248	Napthalene		0.3	0	0			2	2
2988	1,1,2,2-Tetrachloroethane		0.001	0	0			1	1
	Subtotal: Organic Contaminants			4	1			665	30

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

Table 8 continued

SDWIS Codes	<u>Inorganic Contaminants</u>	MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations
1074	Antimony	0.006		0	0			0	0
1005	Arsenic	0.01	0.005	5	2			8	8
1094	Asbestos	7 million fibers/l >10 μm/l		0	0			0	0
1010	Barium	2		0	0			0	0
1075	Beryllium	0.004		0	0			0	0
1015	Cadmium	0.005		0	0			0	0
1020	Chromium	0.1		0	0			0	0
1024	Cyanide (as free cyanide)	0.2		0	0			0	0
1025	Fluoride	4.0		0	0			1	1
1035	Mercury	0.002		1	1			1	1
1036	Nickel				0			0	0
1040	Nitrate	10 (as Nitrogen)		8	6			130	124
1041	Nitrite	1 (as Nitrogen)		0	0			0	0
1045	Selenium	0.05		0	0			0	0
1085	Thallium	0.002		0	0			0	0
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			14	9			140	131

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

Table 8 continued

SDWIS Codes		MCL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations
	<u>Radionuclides</u>								
4000	Gross alpha	15 pCi/l		11	8			10	8
4010	Radium-226 and -228	5 pCi/l		8	6			10	8
4101	Gross beta	4 mrem/yr		0	0			0	0
4006	Uranium		0.03	2	1			10	8
	Subtotal: Radionuclides			21	10			30	8

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	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations
	<u>Lead and Copper Rule</u>								
PB	Lead	15		44	42				
CU	Copper	1,300		16	16				
58,62	Treatment installation					0	0	20	20
65	Public Education					0	0	0	0
	Subtotal: Lead and Copper Rule			60	53	0	0	20	20

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

Table 8 continued

SDWIS Codes		MCL		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations
21	Acute MCL Violation	Presence		57	49				
22	Non-acute (monthly) MCL violation	Presence		325	240				
23, 25	Major routine and follow up monitoring							530	395
28	Sanitary survey*							0	0
	Subtotal: Total Coliform Rule			382	254			530	395

SDWIS Codes		MCL		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
		Federal MCL	State MCL (if different)	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations	Number of Violations	No. of Systems w/ Violations
	<u>Surface Water Treatment Rule</u>								
	<i>Filtered systems</i>								
36	Monitoring, routine/repeat**							0	0
41	Treatment techniques					0	0		
	<i>Unfiltered systems</i>								
31	Monitoring, routine/repeat							0	0
42	Failure to filter					0	0		
	Subtotal: Surface Water Treatment Rule					0	0	0	0

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

** Monitoring and reporting compliance was not run for this SDWIS code for the calendar year 2012.

Table 8 continued

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
	<u>Interim Enhanced Surface Water Treatment Rule</u>								
	<i>Filtered systems</i>								
38	Monitoring, routine/repeat							0	0
37	Treatment techniques					0	0		
43	Treatment techniques					0	0		
44	Treatment techniques					0	0		
47	Treatment Techniques					0	0		
	Subtotal: Interim Enhanced Surface Water Treatment Rule					0	0	0	0
SDWIS Codes		MCL/ MRDL* (µg/l)		MCL/MRDL Violations		Treatment Technique Violations		Significant Monitoring/Reporting	
	<u>Stage 1 Disinfectants and Disinfection Byproducts Rule</u>	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
27	Monitoring and Reporting (49 HAA5 for 41 systems and 51 TTHM for 44 systems)							100	48
02	Average MCL (TTHMS)	80		15	9				
02	Average MCL (HAA5)	60		0	0				
02	Average MCL Bromate	10		0	0				
02	Average MCL Chlorite	1000		0	0				

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

Table 8 continued

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		
	Subtotal of Stage 1 Disinfectants and Disinfection Byproducts Rule			15	9	2	2	100	48

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
71	Significant Consumer Notification Violations							43	43

Definitions for Violations in Table 8

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
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Period	Return to Compliance*
NJ0108009	Stoney Field MHP	Coliform, Monthly	01-Aug-12	20-Sep-12
NJ0111007	Swan Lake Resort	Coliform, Monthly	01-Jan-12	23-Feb-12
NJ0113001	Hammonton WD	Ethylene Dibromide	01-Jul-12	04-Feb-13
		Ethylene Dibromide	01-Apr-12	04-Feb-13
		Ethylene Dibromide	01-Jan-12	04-Feb-13
		Gross Alpha, excl Radon & Uranium	01-Jul-12	
		Ethylene Dibromide	01-Oct-12	04-Feb-13
		Gross Alpha, excl Radon & Uranium	01-Apr-12	
		Gross Alpha, excl Radon & Uranium	01-Jan-12	
NJ0122001	Ventnor City Water & Sewer Utility	Coliform, Monthly	01-Dec-12	
		Coliform, Monthly	01-Sep-12	19-Nov-12
NJ0228001	Ho Ho Kus WD	Coliform, Monthly	01-Jun-12	30-Jul-12
NJ0233001	Mahwah WD	Coliform, Monthly	01-Oct-12	
NJ0257001	Saddle Brook WD	Coliform, Monthly	01-Sep-12	10-Oct-12
NJ0301001	Buttonwood MHP	Gross Alpha, excl Radon & Uranium	01-Oct-12	
		Combined Radium (-226 & -228)	01-Oct-12	
NJ0303001	Bordentown WD	Coliform, Monthly	01-Aug-12	20-Sep-12
NJ0305001	Burlington City WD	TTHM	01-Jul-12	13-Dec-12
		TTHM	01-Jan-12	13-Dec-12
		TTHM	01-Apr-12	13-Dec-12
NJ0325001	JBMDL-Dix Main System	Coliform, Monthly	01-Jun-12	24-Jul-12
NJ0326003	Hanover East Apartments	Coliform, Monthly	01-Jun-12	18-Jul-12
		Coliform, Monthly	01-Jan-12	13-Feb-12
NJ0326009	Wagon Wheel Estates	Coliform, Monthly	01-Jul-12	17-Aug-12

* This field is blank for systems with ongoing corrective action who have yet to return to compliance as of 3/15/2013.

**Appendix B: Community Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Period	Return to Compliance*
NJ0338001	Willingboro MUA	Gross Alpha, excl Radon & Uranium	01-Jan-12	
NJ0408001	United Water Camden	Coliform, Monthly	01-Jul-12	22-Aug-12
NJ0436007	Winslow Twp DMU	Combined Radium (-226 & -228)	01-Oct-12	12-Mar-13
NJ0605002	Tips Trailer Park & Sale	Mercury	01-Jul-12	
NJ0702001	Bloomfield WD	TTHM	01-Jan-12	
NJ0810005	Manor Water Associations	Coliform, Monthly	01-Jun-12	
NJ0814001	Paulsboro WD	Coliform, Monthly	01-Dec-12	
NJ1104001	Hightstown WD	Coliform, Monthly	01-Jul-12	01-Aug-12
NJ1209002	Old Bridge MUA	Coliform (Tcr)	01-Jun-12	14-Aug-12
		Coliform, Monthly	01-Jun-12	14-Aug-12
NJ1213002	Monroe Twp Utility Department	Gross Alpha, excl Radon & Uranium	01-Jan-12	
NJ1224001	Spotswood WD	Coliform, Monthly	01-Jun-12	
NJ1305001	Avon By The Sea WD	TTHM	01-Jan-12	
NJ1309415	Brandywine Assisted Living/Colts Neck	Coliform, Monthly	01-Nov-12	17-Jan-13
NJ1315001	Freehold Borough WD	Coliform, Monthly	01-Jun-12	
NJ1321001	Keansburg Water & Sewer Dept.	Arsenic	01-Apr-12	13-Sep-12
		Arsenic	01-Jan-12	
NJ1329001	Matawan Borough WD	TTHM	01-Jan-12	
NJ1330002	Aberdeen - Cliffwood/Cliffwood Beach	Coliform, Monthly	01-Jul-12	23-Aug-12
		Coliform, Monthly	01-Oct-12	27-Nov-12
NJ1330003	Aberdeen- High School/Oakshade	Coliform, Monthly	01-Oct-12	
NJ1340001	Red Bank WD	Coliform, Monthly	01-Aug-12	
NJ1414011	Jefferson Twp W U Lk Hop	Coliform, Monthly	01-Jan-12	01-Feb-12
		Coliform, Monthly	01-Jun-12	11-Jul-12
NJ1415002	Kinnelon WD	TTHM	01-Jan-12	

* This field is blank for systems with ongoing corrective action who have yet to return to compliance as of 3/15/2013.

**Appendix B: Community Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Period	Return to Compliance*
		TTHM	01-Apr-12	
NJ1417001	Madison WD	Coliform, Monthly	01-Aug-12	
NJ1427008	Mt Olive Twp WD Pinecrest	Coliform, Monthly	01-May-12	06-Jun-12
NJ1438001	Cliffside Park Water Assoc Inc	Coliform, Monthly	01-Nov-12	
NJ1438006	Sherwood Village	Coliform, Monthly	01-Apr-12	02-Jul-12
		Coliform, Monthly	01-Sep-12	26-Oct-12
		Coliform, Acute	01-Jun-12	20-Jul-12
NJ1505312	Crystal Lake Health Care	Coliform, Monthly	01-Aug-12	26-Sep-12
NJ1520001	Ocean Twp Dept of Utilities	Coliform, Monthly	01-Sep-12	
NJ1523001	Collier Mills Mobile Estates	Coliform, Monthly	01-Jul-12	
NJ1523004	Oak Grove MHP	Coliform, Monthly	01-Jun-12	17-Aug-12
NJ1615003	Passaic Valley W C High Crest	TTHM	01-Jan-12	06-Jun-12
NJ1615340	Milford Manor	Coliform, Monthly	01-Jul-12	
NJ1704001	Leisure Arms Complex	Coliform, Monthly	01-Aug-12	28-Sep-12
		Coliform, Monthly	01-Jun-12	31-Jul-12
		Coliform, Monthly	01-May-12	31-Jul-12
NJ1710304	Rainbow Nursing Home, Inc.	Combined Radium (-226 & -228)	01-Jan-12	02-Oct-12
		Combined Radium (-226 & -228)	01-Jul-12	02-Oct-12
		Nitrate	01-Jan-12	08-Mar-12
NJ1904007	Colby Water Co	Coliform, Monthly	01-Sep-12	15-Nov-12
NJ1918004	Sparta Twp Water - Lake Mohawk	Gross Alpha, excl Radon & Uranium	01-Apr-12	21-May-12
NJ1918013	Sparta Twp Wtr - Sunset	Coliform, Monthly	01-Aug-12	04-Sep-12
NJ1921001	Sussex WD	TTHM	01-Jan-12	17-Sep-12
		TTHM	01-Apr-12	17-Sep-12
NJ1922014	Great Gorge Terrace Assn	Combined Radium (-226 & -228)	01-Apr-12	26-Jul-12

* This field is blank for systems with ongoing corrective action who have yet to return to compliance as of 3/15/2013.

**Appendix B: Community Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Period	Return to Compliance*
		Combined Radium (-226 & -228)	01-Jan-12	26-Jul-12
		Gross Alpha, excl Radon & Uranium	01-Apr-12	26-Jul-12
		Combined Uranium	01-Apr-12	26-Jul-12
		Combined Uranium	01-Jan-12	26-Jul-12
		Gross Alpha, excl Radon & Uranium	01-Jan-12	26-Jul-12
NJ1922022	U W V H Sammis Road	Coliform, Monthly	01-Sep-12	09-Oct-12
NJ2113003	Triple Brook Mobile Home	Coliform, Monthly	01-Feb-12	20-Jul-12
		Coliform, Monthly	01-Mar-12	20-Jul-12
NJ2117002	Valley View Estates	Coliform, Monthly	01-Sep-12	
		Coliform, Monthly	01-Oct-12	
		Coliform, Monthly	01-Nov-12	

* This field is blank for systems with ongoing corrective action who have yet to return to compliance as of 3/15/2013.

**Appendix C: Community Water System
2012 Action Level Exceedances**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ0112001	Hamilton Township MUA	Lead	01-Jan-10	
NJ0123001	Weymouth Twsp MUA	Lead	01-Jan-10	
NJ0251001	Ridgewood Water	Lead	01-Jan-12	
NJ0339001	New Lisbon Development Ctr	Lead	01-Jan-12	
NJ0506001	Delsea Woods Community LLC	Lead	01-Jul-12	
NJ0612001	Bayshore Mobile Home Park	Lead	01-Jul-12	
NJ1107001	Lawrenceville School	Copper	01-Jan-10	
NJ1427006	Mount Olive Twp WD Sand	Copper	01-Jan-10	
NJ1505312	Crystal Lake Health Care	Lead	01-Jan-12	13-Feb-13
NJ1523004	Oak Grove MHP	Lead	01-Jan-10	
NJ1605002	Passaic Valley Water Commission	Lead	01-Jul-12	
NJ1615340	Milford Manor	Lead	01-Jan-10	
NJ1714003	Bancroft Neuro Health Center	Lead	01-Jan-12	
NJ1911003	Lake Tamarack W Co	Copper	01-Jul-12	
NJ1922010	The Village of Lake Glenwood	Lead	01-Jan-12	
NJ1922012	U W V H Lake Conway	Lead	01-Jan-10	
NJ1922013	U W V H DC System	Lead	01-Jan-10	
NJ2112002	Independence MUA Highland	Lead	01-Jan-10	
		Copper	01-Jan-10	
NJ2117003	Oxford Heritage Manor	Lead	01-Jan-11	

* This field is blank for systems with ongoing corrective action who have yet to return to compliance as of 3/15/2013.

**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ0102301	Resorts Atlantic City	Coliform, Monthly	01-Aug-12	12-Sep-12
NJ0107301	Egg Harbor City CG	Coliform, Monthly	01-Sep-12	
NJ0108352	DOT FAA Atl Bld 33 & Bld 208	Coliform, Monthly	01-Aug-12	25-Sep-12
NJ0109307	Holiday Haven CG - #2	Coliform, Monthly	01-Jun-12	13-Aug-12
NJ0111374	Pomona Golf & Country Club	Coliform, Monthly	01-Jan-12	14-Feb-12
NJ0111423	Evergreen Woods CG-Sec. C	Coliform, Monthly	01-Sep-12	
NJ0120311	Chestnut Lake CG	Coliform, Monthly	01-Sep-12	
NJ0120320	Maxwell Shellfish, LLC	Coliform, Monthly	01-Nov-12	10-Dec-12
		Coliform, Acute	01-Nov-12	10-Dec-12
NJ0202300	Palisades Interstate Park	Coliform, Monthly	01-Jun-12	
NJ0205300	Rudox Engine & Equipment	Coliform, Acute	01-Sep-12	23-Oct-12
		Coliform, Monthly	01-Sep-12	23-Oct-12
NJ0215305	Englewood Getty	Coliform, Monthly	01-Jun-12	27-Aug-12
NJ0220308	High Mt. Golf Club	Coliform, Monthly	01-Oct-12	
		Coliform, Monthly	01-Aug-12	05-Sep-12
NJ0320323	Stokes Village Shops	Coliform, Monthly	01-Jul-12	25-Sep-12
		Coliform, Monthly	01-Aug-12	25-Sep-12
		Coliform, Monthly	01-Jun-12	25-Sep-12
NJ0320347	Olde Towne Sq Condo Assoc Inc	Coliform, Monthly	01-Sep-12	24-Oct-12
NJ0335320	Russo's Fruit & Vegetable Market	Nitrate	01-Jul-12	
NJ0410310	Grant Church/Nap	Coliform, Monthly	01-Jun-12	24-Aug-12
NJ0410317	Oddie's Pig Pit	Coliform, Monthly	01-Sep-12	
NJ0415311	Quick 2 Go	Coliform, Monthly	01-Sep-12	
NJ0415314	Bradbury Vault Company	Coliform, Monthly	01-Jan-12	30-Mar-12
		Coliform, Monthly	01-Feb-12	30-Mar-12

* This field is blank for systems with ongoing corrective action who have yet to return to compliance as of 3/15/2013.

Appendix D: Noncommunity Water System 2012 MCL Violations

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ0435322	Gambone's Pizza	Coliform, Acute	01-Oct-12	05-Nov-12
		Coliform, Acute	01-Sep-12	05-Nov-12
NJ0435393	Universal Forest Products	Coliform, Monthly	01-Feb-12	30-Mar-12
NJ0436320	Winslow Twp Elem School	Combined Radium (-226 & -228)	01-Oct-12	
		Gross Alpha, excl Radon & Uranium	01-Oct-12	
NJ0436338	Winslow Inn & Suites	Coliform, Monthly	01-Aug-12	18-Sep-12
NJ0436341	Church Of St Lucy	Coliform, Monthly	01-Aug-12	
NJ0436391	Winslow Volunteer Fire Co	Coliform, Monthly	01-Aug-12	
NJ0436408	Yesterwear Productions	Coliform, Monthly	01-May-12	
NJ0511401	Children's Country Place	Coliform, Monthly	01-Oct-12	29-Nov-12
		Coliform, Monthly	01-Jun-12	26-Jul-12
		Coliform, Monthly	01-Jan-12	23-Feb-12
NJ0602315	Lalli Liquor	Nitrate	01-Jan-12	26-Apr-12
NJ0603327	National Refrigerant Inc	Gross Alpha, excl Radon & Uranium	01-Oct-12	
		Combined Radium (-226 & -228)	01-Oct-12	
NJ0607309	Dutch Neck Village	Coliform, Monthly	01-May-12	
NJ0607324	Priolo's Plaza	Nitrate	01-Apr-12	27-Jul-12
		Nitrate	01-Jan-12	27-Jul-12
		Nitrate	01-Oct-12	15-Oct-12
NJ0609319	Maurice River Diner	Coliform, Monthly	01-Jul-12	
NJ0611302	Shiloh Market	Nitrate	01-Oct-12	
NJ0804310	Elk Twp Municipal Building	Nitrate	01-Jul-12	18-Oct-12
NJ0804320	Volunteers Of America	Coliform, Monthly	01-Sep-12	
NJ0805429	Plaza 47	Coliform, Monthly	01-May-12	25-Jun-12
NJ0805440	Franklin Twp BOE	Coliform, Monthly	01-Sep-12	

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Appendix D: Noncommunity Water System 2012 MCL Violations

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ0816300	Harrisonville School	Coliform, Monthly	01-Nov-12	
NJ0816303	S Harrison Mun Building	Coliform, Monthly	01-Aug-12	
NJ0816304	Stewart Memorial Park	Coliform, Acute	01-Sep-12	24-Oct-12
		Coliform, Monthly	01-Aug-12	24-Oct-12
NJ0818430	Holman Ford Lincoln Mercury	Coliform, Monthly	01-Feb-12	26-Jul-12
NJ0818442	Heritage Dairy Store #2	Coliform, Monthly	01-Aug-12	12-Oct-12
		Coliform, Monthly	01-Jul-12	12-Oct-12
		Coliform, Monthly	01-Sep-12	12-Oct-12
NJ0818444	Bobby Cher Famous Jumbo Crab Cakes	Coliform, Monthly	01-Jun-12	26-Jul-12
		Coliform, Acute	01-Jun-12	26-Jul-12
NJ0818470	Little Leaders Preschool	Coliform, Monthly	01-Sep-12	
NJ0820305	Wheelabrator Gloucester	Coliform, Monthly	01-Apr-12	23-May-12
NJ0824302	Rodes Fireside Lounge	Coliform, Monthly	01-Aug-12	
NJ0824317	Us Drop Forge Co	Coliform, Monthly	01-Jan-12	
		Coliform, Monthly	01-Feb-12	28-Feb-12
NJ1001302	Sky Manor Airport Rest	Coliform, Monthly	01-Dec-12	03-Jan-13
NJ1002308	Rosa Luca Italian Bistro	Coliform, Monthly	01-Jan-12	24-Feb-12
NJ1002313	Jugstown Mt Campsites	Coliform, Acute	01-Mar-12	20-Apr-12
NJ1006315	Round Valley St Park Rec Area So	Coliform, Monthly	01-Jul-12	09-Aug-12
NJ1006329	The Annandale Preschool	Coliform, Monthly	01-Dec-12	18-Jan-13
NJ1006356	Stewarts Root Beer	Coliform, Monthly	01-Jul-12	20-Aug-12
		Coliform, Acute	01-Oct-12	11-Mar-13
		Coliform, Monthly	01-May-12	20-Aug-12
		Coliform, Monthly	01-Jun-12	20-Aug-12
NJ1007306	Food Mart/Duncan Donuts	Coliform, Monthly	01-Jun-12	30-Jul-12

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ1007307	Plaza 12 West	Coliform, Monthly	01-Jun-12	17-Jul-12
NJ1007308	Sarah Dilts Farm Main Pavilion	Coliform, Acute	01-Sep-12	
		Coliform, Acute	01-Oct-12	
NJ1007308	Sarah Dilts Farm Main Pavilion (cont'd)	Coliform, Monthly	01-Oct-12	
NJ1008303	Harvest Moon Inn	Coliform, Monthly	01-Jun-12	31-Jul-12
NJ1008315	Catering by Maddalena's	Coliform, Monthly	01-Nov-12	31-Jan-13
NJ1008321	Unionville Vineyards	Coliform, Monthly	01-Sep-12	03-Dec-12
		Coliform, Monthly	01-Oct-12	03-Dec-12
NJ1011301	Darcy Lodge	Coliform, Acute	01-Sep-12	19-Oct-12
NJ1015309	Holland Center	Coliform, Monthly	01-Jun-12	13-Jul-12
NJ1016302	RTS Packaging	Coliform, Monthly	01-Sep-12	19-Oct-12
NJ1019300	Camp Bernie	Coliform, Monthly	01-Oct-12	
		Coliform, Monthly	01-Nov-12	
		Coliform, Acute	01-Oct-12	
NJ1019329	Muller Toyota	Coliform, Monthly	01-Jan-12	22-Mar-12
NJ1019332	Voorhees State Park	Coliform, Monthly	01-Jun-12	16-Jul-12
NJ1019339	Ona Rosa	Coliform, Monthly	01-Dec-12	16-Jan-13
NJ1019341	Davara Industrial Center	Coliform, Acute	01-Aug-12	03-Dec-12
NJ1021300	Hunterdon County Library	Coliform, Acute	01-Sep-12	28-Nov-12
		Coliform, Monthly	01-Sep-12	28-Nov-12
		Coliform, Acute	01-Aug-12	28-Nov-12
		Coliform, Monthly	01-Oct-12	28-Nov-12
NJ1021318	Metro Cafe & Diner	Coliform, Acute	01-Nov-12	19-Dec-12
		Coliform, Monthly	01-Aug-12	14-Sep-12
		Coliform, Monthly	01-Oct-12	19-Dec-12

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ1021402	Philly Pretzel Factory	Coliform, Monthly	01-Dec-12	
NJ1021434	Tractor Supply Co	Coliform, Monthly	01-May-12	19-Jun-12
		Coliform, Acute	01-May-12	19-Jun-12
NJ1022340	Gymnastics Unlimited	Coliform, Monthly	01-Apr-12	20-Jun-12
NJ1022340	Gymnastics Unlimited (cont'd)	Coliform, Monthly	01-May-12	20-Jun-12
NJ1022355	The Gables	Coliform, Monthly	01-Jun-12	30-Jul-12
NJ1022375	Downtown Deli	Coliform, Monthly	01-Jun-12	25-Jul-12
		Coliform, Monthly	01-Jan-12	21-Feb-12
		Coliform, Monthly	01-May-12	25-Jul-12
NJ1022382	First Step Petite Academy	Coliform, Monthly	01-Sep-12	05-Oct-12
NJ1025307	Union Twp Middle School	TTHM	01-Oct-12	
		TTHM	01-Jan-12	
NJ1025308	Pattenburg House	Coliform, Monthly	01-Aug-12	21-Sep-12
		Coliform, Monthly	01-Oct-12	29-Nov-12
NJ1025318	Exxon Corporation	Coliform, Monthly	01-Nov-12	21-Jan-13
		Coliform, Monthly	01-Oct-12	21-Jan-13
		Coliform, Monthly	01-Dec-12	21-Jan-13
NJ1025324	First Step Learning Center	Coliform, Monthly	01-Jul-12	13-Aug-12
NJ1101303	Princeton Windsor Office	Coliform, Monthly	01-Nov-12	31-Jan-13
		Coliform, Monthly	01-Jan-12	29-Feb-12
		Coliform, Monthly	01-Dec-12	31-Jan-13
NJ1106312	Wildflowers	Coliform, Monthly	01-Jun-12	19-Jul-12
NJ1106318	Hopewell Valley Tennis Club	Coliform, Monthly	01-Dec-12	26-Feb-13
		Coliform, Monthly	01-Nov-12	26-Feb-13
NJ1106338	Pennington Happy School	Coliform, Monthly	01-Jun-12	20-Jul-12

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ1106345	Pennington Business Park	Coliform, Monthly	01-Jan-12	
NJ1106367	St George Roman Catholic Church	Coliform, Monthly	01-Sep-12	04-Oct-12
NJ1106385	Lukoil Station #57703	Coliform, Monthly	01-Jul-12	16-Oct-12
		Coliform, Acute	01-Aug-12	16-Oct-12
NJ1106402	Mercer Cty Parks Commn Wildlife	Coliform, Acute	01-Aug-12	28-Sep-12
		Coliform, Monthly	01-Aug-12	28-Sep-12
NJ1309310	Hominy Hill Golf Clubhouse Bldg	Coliform, Monthly	01-Sep-12	
NJ1316325	Irwin Lincoln Mercury Ca	Coliform, Acute	01-Dec-12	21-Feb-13
NJ1319408	Talmudical Academy	Coliform, Monthly	01-Aug-12	28-Sep-12
		Coliform, Monthly	01-Jul-12	28-Sep-12
NJ1319440	Kinder Acad Early Childhood Learning	Coliform, Monthly	01-Jul-12	
NJ1319492	North Howell Little League	Coliform, Monthly	01-Sep-12	
NJ1326375	Jakes Cree Mee Freeze Too	Coliform, Acute	01-May-12	13-Jun-12
NJ1332310	Millstone Deli & Mini Mart	Coliform, Monthly	01-Jul-12	
NJ1332323	Millstone Community Ctr	Coliform, Monthly	01-Dec-12	
NJ1332339	Lunchento's Restaurant	Coliform, Monthly	01-Sep-12	
NJ1332355	Kindercare Learning Center #301559	Coliform, Monthly	01-Aug-12	
NJ1407332	Quick-Chek	Coliform, Monthly	01-Sep-12	
		Coliform, Monthly	01-Oct-12	
NJ1407334	Chester Twp Police Sta & Town Hall	Coliform, Monthly	01-Dec-12	
NJ1414302	Jefferson House	Coliform, Acute	01-Jul-12	20-Aug-12
		Coliform, Acute	01-Jun-12	20-Aug-12
NJ1414334	New Orleans Steak House	Coliform, Monthly	01-Oct-12	
NJ1414355	Texas Smoke BBQ	Coliform, Monthly	01-Sep-12	
NJ1414355		Coliform, Monthly	01-Nov-12	

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ1415305	Our Lady of the Magnificence	Coliform, Monthly	01-Oct-12	
NJ1415306	Wise Owl Learning Center	Coliform, Monthly	01-Jul-12	28-Aug-12
NJ1422301	Morris County Golf Club	Coliform, Monthly	01-Jan-12	
NJ1427334	Country Farms	Coliform, Monthly	01-Apr-12	26-Jun-12
		Coliform, Acute	01-May-12	26-Jun-12
		Coliform, Monthly	01-May-12	26-Jun-12
NJ1427335	Flanders General Store/I Love Subs	Coliform, Monthly	01-Jan-12	28-Feb-12
NJ1427395	Mount Olive Shopping Parkade	Coliform, Monthly	01-Jul-12	24-Aug-12
		Coliform, Monthly	01-Nov-12	
		Coliform, Monthly	01-Oct-12	
NJ1427403	Flanders Valley Day Care	Coliform, Monthly	01-Aug-12	24-Sep-12
		Coliform, Monthly	01-Jul-12	
NJ1432311	Casa De Pasta	Coliform, Monthly	01-Aug-12	
NJ1435310	Telemark Tavern	Coliform, Monthly	01-Oct-12	
		Coliform, Monthly	01-Dec-12	
		Coliform, Monthly	01-Nov-12	
NJ1436300	Hopatcong State Park	Coliform, Monthly	01-Sep-12	
NJ1436365	NJDOT @ Roxbury Corp Center	Coliform, Acute	01-Jun-12	10-Jul-12
NJ1438323	Long Valley Presbyterian	Coliform, Monthly	01-Aug-12	25-Oct-12
		Coliform, Monthly	01-Jul-12	25-Oct-12
NJ1438328	Highlands Presbyterian Church	Coliform, Monthly	01-May-12	
NJ1438341	Centenary College-Equestrian	Coliform, Monthly	01-Sep-12	
		Coliform, Acute	01-Oct-12	
NJ1438343	Christadelphia Bible Camp	Coliform, Acute	01-Jun-12	06-Aug-12
		Coliform, Monthly	01-Jun-12	06-Aug-12

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Appendix D: Noncommunity Water System 2012 MCL Violations

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
		Coliform, Monthly	01-May-12	06-Aug-12
NJ1438343	Christadelphia Bible Camp (cont'd)	Coliform, Monthly	01-Jul-12	06-Aug-12
NJ1507335	Pine Rest Motel (Main)	Coliform, Monthly	01-Sep-12	
NJ1511316	Butterfly Campground We	Coliform, Monthly	01-Aug-12	
NJ1511390	Lakewood Estonian Club	Coliform, Monthly	01-Aug-12	07-Sep-12
NJ1511404	Chapel Hill Shops	Coliform, Monthly	01-Nov-12	
NJ1518336	America's Keswick	Coliform, Acute	01-Dec-12	13-Feb-13
NJ1518336	America's Keswick (cont'd)	Coliform, Monthly	01-Nov-12	13-Feb-13
NJ1518337	America's Keswick Snack B	Coliform, Monthly	01-Sep-12	15-Oct-12
NJ1611304	Ringwood St Park-Back Pi	Coliform, Acute	01-Sep-12	
		Coliform, Monthly	01-Sep-12	
		Coliform, Monthly	01-Aug-12	
NJ1611306	Ringwood St Park-Main We	Coliform, Monthly	01-Aug-12	14-Sep-12
NJ1611308	Weis Ecology Center	Coliform, Monthly	01-Nov-12	
NJ1615301	Camp Ocawasin	Coliform, Monthly	01-Sep-12	
		Coliform, Monthly	01-Aug-12	
NJ1615339	Hillcrest Community Ctr	Coliform, Monthly	01-Aug-12	06-Sep-12
NJ1615374	Paul's Place	Coliform, Monthly	01-Aug-12	04-Sep-12
NJ1615379	Mountain Rest Bar	Coliform, Monthly	01-Dec-12	
NJ1615389	Waterfront Deli and Catering	Coliform, Monthly	01-Nov-12	
NJ1615398	Cafe Amore	Coliform, Acute	01-Sep-12	13-Nov-12
		Coliform, Monthly	01-Sep-12	13-Nov-12
		Coliform, Acute	01-Oct-12	13-Nov-12
		Coliform, Monthly	01-Oct-12	13-Nov-12
NJ1615416	Oak Ridge Pub and Liquors	Coliform, Monthly	01-Aug-12	

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ1701304	Camp Theodore Roosevelt	Coliform, Monthly	01-Sep-12	31-Oct-12
NJ1701304	Camp Theodore Roosevelt (cont'd)	Coliform, Acute	01-Sep-12	31-Oct-12
NJ1706309	Borrelli Farms	Coliform, Acute	01-Oct-12	
		Coliform, Acute	01-Nov-12	
NJ1708300	E I Dupont Chamber Works	TTHM	01-Oct-12	
NJ1708300	E I Dupont Chamber Works	TTHM	01-Jul-12	
NJ1709306	Four Seasons CG - #1	Coliform, Monthly	01-Aug-12	26-Sep-12
NJ1709308	Four Seasons CG - #3	Coliform, Monthly	01-Aug-12	31-Oct-12
		Coliform, Monthly	01-Sep-12	31-Oct-12
NJ1709326	Wendy's	Coliform, Monthly	01-Aug-12	20-Sep-12
NJ1710306	Crystal's Corner	Coliform, Monthly	01-Aug-12	
NJ1714309	The Store	Coliform, Monthly	01-Nov-12	18-Dec-12
NJ1714325	Appel Farm Arts & Music Center	Coliform, Monthly	01-Jul-12	14-Aug-12
NJ1801311	Lamington School House	Coliform, Monthly	01-Dec-12	
		Coliform, Monthly	01-Aug-12	
		Coliform, Acute	01-Aug-12	10-Sep-12
NJ1808342	Cedar Hill Club Inc	Coliform, Acute	01-Aug-12	04-Sep-12
NJ1808360	So Bound Brook Little League	Coliform, Monthly	01-Apr-12	12-Jun-12
		Coliform, Monthly	01-May-12	12-Jun-12
NJ1810342	Betar Inc	Coliform, Monthly	01-Jun-12	
NJ1902300	Smoke House BBQ	Coliform, Monthly	01-Jan-12	06-Mar-12
NJ1904342	Waterloo Village	Coliform, Monthly	01-Jul-12	28-Aug-12
NJ1904343	Waterloo Village Foundtn	Coliform, Monthly	01-Jul-12	28-Aug-12
NJ1904351	Mt Allamuchy-Camp Wheeler	Coliform, Monthly	01-Jul-12	15-Aug-12
NJ1904362	Tomahawk Lake Inc	Coliform, Monthly	01-Aug-12	

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ1905333	Sussex County Fairgrounds	Coliform, Monthly	01-Aug-12	13-Sep-12
NJ1905333	Sussex County Fairgrounds (cont'd)	Coliform, Monthly	01-Dec-12	18-Jan-13
NJ1905344	Harmony Ridge Campground	Coliform, Monthly	01-Nov-12	
NJ1906304	Franklin Armory	Coliform, Monthly	01-Jun-12	19-Jul-12
NJ1906315	Sterling Plaza Office	Coliform, Monthly	01-May-12	13-Jul-12
NJ1907303	Cesio's Pizzeria	Coliform, Monthly	01-Oct-12	27-Nov-12
NJ1908319	Green Valley Beach Campground	Coliform, Monthly	01-Jun-12	
		Coliform, Monthly	01-May-12	
		Coliform, Monthly	01-Jul-12	
NJ1908319	Green Valley Beach Campground (cont'd)	Coliform, Acute	01-Jul-12	
NJ1908326	Tranquility Store	Coliform, Monthly	01-Jun-12	23-Jul-12
NJ1910313	Toyota World Of Newton	Coliform, Monthly	01-Apr-12	21-May-12
NJ1910319	Boomer's Place	Coliform, Monthly	01-Apr-12	11-May-12
NJ1910320	Dairy Queen	Coliform, Acute	01-Jul-12	14-Mar-13
NJ1911302	Wallkill Valley Reg High School	Coliform, Monthly	01-Jun-12	12-Jul-12
NJ1911311	Swing In Deli/Liquors	Coliform, Acute	01-Dec-12	15-Jan-13
NJ1913312	Sunrise House Foundation	Coliform, Monthly	01-Dec-12	17-Jan-13
		Coliform, Monthly	01-Feb-12	12-Mar-12
NJ1913321	Lafayette Federated Church	Coliform, Monthly	01-Aug-12	27-Sep-12
		Coliform, Monthly	01-Nov-12	29-Jan-13
		Coliform, Monthly	01-Dec-12	29-Jan-13
NJ1914334	Cedar Ridge Campground	Coliform, Monthly	01-Sep-12	
		Coliform, Acute	01-Oct-12	
NJ1917326	Fratelli's Italian Restaurant	Coliform, Monthly	01-Oct-12	26-Nov-12
NJ1918309	Sparta Medical Complex	Coliform, Monthly	01-Jul-12	27-Aug-12

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Appendix D: Noncommunity Water System 2012 MCL Violations

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
		Coliform, Monthly	01-Jun-12	27-Aug-12
NJ1918312	Printing Center	Coliform, Monthly	01-Jul-12	30-Aug-12
NJ1918338	Papa Roni's Pizza	Coliform, Monthly	01-Sep-12	12-Oct-12
NJ1918339	Sparta Car Wash	Coliform, Monthly	01-Jun-12	23-Jul-12
NJ1920309	Fairview Lake YMCA Camp	Coliform, Monthly	01-Apr-12	
		Coliform, Monthly	01-Jul-12	
		Coliform, Acute	01-Jul-12	
NJ1920337	Camp Lou Henry Hoover / Caretaker House	Coliform, Monthly	01-Jan-12	28-Feb-12
NJ1922315	Vernon Twp High School	Arsenic	01-Jul-12	28-Oct-12
		Arsenic	01-Jan-12	28-Oct-12
		Arsenic	01-Apr-12	28-Oct-12
NJ1922350	Mountain Creek Resort	Coliform, Monthly	01-Jan-12	23-Feb-12
NJ1922387	Vernon Burger	Coliform, Monthly	01-Jul-12	26-Sep-12
NJ1922397	Appalachian Motel	Coliform, Monthly	01-Dec-12	11-Mar-13
NJ1922404	Ramah Naioth Church & Prayer House	Coliform, Monthly	01-Sep-12	29-Jan-13
		Coliform, Monthly	01-Oct-12	29-Jan-13
		Coliform, Monthly	01-Dec-12	29-Jan-13
NJ1924317	Beemerville Fire Dept	Coliform, Monthly	01-Nov-12	28-Dec-12
		Coliform, Monthly	01-Oct-12	28-Dec-12
NJ1924335	Blackstone Grill	Coliform, Monthly	01-Dec-12	27-Feb-13
NJ1924357	S-W Branch Library	Coliform, Monthly	01-Apr-12	11-May-12
		Coliform, Monthly	01-Mar-12	11-May-12
NJ1924362	Kiddie Academy - Wantage	Coliform, Monthly	01-Sep-12	10-Oct-12
NJ1924363	Bld #7	Coliform, Monthly	01-Sep-12	18-Oct-12
NJ2104315	The Forge	Coliform, Monthly	01-Jan-12	

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ2104318	Siddhachalam International Mission	Coliform, Monthly	01-Oct-12	
NJ2104330	The Doghouse	Coliform, Monthly	01-Jan-12	29-Nov-12
		Coliform, Monthly	01-Sep-12	29-Nov-12
NJ2104339	Blairstown Twp Sycamore Pk Rec Bldg	Coliform, Monthly	01-Oct-12	
		Coliform, Monthly	01-Sep-12	
NJ2104341	Blairstown Municipal Building	Coliform, Monthly	01-Jan-12	
NJ2104343	Skylands Medical Bldg c/o Route 94 R	Coliform, Monthly	01-Oct-12	
		Coliform, Acute	01-Oct-12	
		Coliform, Monthly	01-Sep-12	
NJ2105308	Playmakers Sports Bar And Grill	Coliform, Acute	01-Mar-12	25-Apr-12
		Coliform, Monthly	01-Sep-12	
NJ2105311	Franklin Twp Volunteer Fire Dept	Coliform, Monthly	01-Aug-12	
NJ2105328	World Apostolate of Fatima	Coliform, Monthly	01-Jun-12	
NJ2106315	Jenny Jump St Park-Site	Coliform, Monthly	01-Oct-12	
NJ2106319	Ridge & Valley Charter School	Coliform, Monthly	01-Sep-12	15-Oct-12
		Coliform, Acute	01-Sep-12	15-Oct-12
NJ2107304	Paisano's	Coliform, Acute	01-Apr-12	16-Nov-12
		Coliform, Acute	01-Oct-12	16-Nov-12
		Coliform, Monthly	01-May-12	16-Nov-12
NJ2109307	Princeton Education Center	Coliform, Monthly	01-Oct-12	
NJ2109311	Camp No Be Bo Sco	Coliform, Acute	01-Jul-12	27-Sep-12
		Coliform, Monthly	01-Aug-12	27-Sep-12
NJ2109316	Worthington State Park	Coliform, Monthly	01-Jun-12	
NJ2109319	Milbrook Village - Well 2	Coliform, Monthly	01-Jun-12	
NJ2109321	Camp No Be Bo Sco (Shower)	Coliform, Monthly	01-Jul-12	

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ2110302	Harkers Hollow Golf Club	Coliform, Acute	01-Mar-12	21-Jun-12
NJ2110312	Harmony Rec Area Snack B	Coliform, Monthly	01-Oct-12	
		Coliform, Monthly	01-Aug-12	
NJ2110323	Calvary Community Church	Coliform, Monthly	01-Apr-12	25-Jun-12
NJ2110323	Calvary Community Church (cont'd)	Coliform, Monthly	01-Mar-12	25-Jun-12
NJ2111300	Hope Twp Elementary School	Coliform, Acute	01-Aug-12	13-Dec-12
		Coliform, Acute	01-Jul-12	13-Dec-12
		Coliform, Monthly	01-Jun-12	13-Dec-12
		Coliform, Monthly	01-Aug-12	13-Dec-12
		Coliform, Monthly	01-Jul-12	13-Dec-12
		Coliform, Monthly	01-Nov-12	13-Dec-12
NJ2111307	Hope Center - Upper Well	Coliform, Monthly	01-Nov-12	
		Coliform, Monthly	01-Oct-12	
		Coliform, Monthly	01-Sep-12	
		Coliform, Monthly	01-Dec-12	
NJ2112305	Independence Central School	Coliform, Monthly	01-Mar-12	27-Apr-12
NJ2112306	Island Dragway	Coliform, Monthly	01-Sep-12	
NJ2112315	County of Warren Library - North	Coliform, Monthly	01-Jan-12	16-Feb-12
NJ2113302	NJDOT Route 80 Rest Area	Coliform, Acute	01-Jun-12	25-Jul-12
NJ2113320	Old Log Cabin	Coliform, Monthly	01-Aug-12	
NJ2113326	Camp Taylor Campground	Coliform, Monthly	01-Sep-12	
		Coliform, Monthly	01-Oct-12	
NJ2113336	McDonald's	Coliform, Monthly	01-Aug-12	
		Coliform, Monthly	01-Jul-12	
NJ2113340	Triplebrook Family Campground	Coliform, Monthly	01-Jul-12	05-Nov-12

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
		Coliform, Monthly	01-Sep-12	05-Nov-12
NJ2113340	Triplebrook Family Campground (cont)	Coliform, Monthly	01-Aug-12	05-Nov-12
NJ2114309	Liberty Twp Elementary School	Coliform, Monthly	01-Oct-12	
		Coliform, Monthly	01-Sep-12	
NJ2114316	J P Kelly's	Coliform, Acute	01-Feb-12	21-Mar-12
		Coliform, Monthly	01-Feb-12	21-Mar-12
NJ2114321	Township of Liberty	Coliform, Monthly	01-Oct-12	
		Coliform, Monthly	01-Nov-12	
		Coliform, Monthly	01-Sep-12	
NJ2116325	Comcast Cable Vision	Coliform, Monthly	01-Jun-12	
NJ2116327	Mansfield Twp Fire Co #1	Coliform, Monthly	01-Jun-12	06-Dec-12
		Coliform, Monthly	01-Nov-12	
		Coliform, Monthly	01-Jul-12	06-Dec-12
NJ2116333	Mansfield Twp Municipal Complex	Coliform, Monthly	01-Oct-12	
		Coliform, Acute	01-Sep-12	28-Nov-12
NJ2116335	Church of the Covenant	Coliform, Monthly	01-Dec-12	
NJ2123300	Belvidere Shopping Plaza	Coliform, Monthly	01-Aug-12	
NJ2123308	Warren Residential Group	Coliform, Monthly	01-Nov-12	
NJ2123325	Luigi's Rancho	Coliform, Monthly	01-Jun-12	
		Coliform, Monthly	01-Jul-12	
NJ2123335	Convanta Warren Energy Res Co	Coliform, Monthly	01-Oct-12	
NJ2123342	Buttville United Methodist Church	Coliform, Acute	01-Jul-12	13-Sep-12
		Coliform, Monthly	01-Jun-12	13-Sep-12
NJ2123349	Rt 46 Fuel Stop	Coliform, Monthly	01-Jan-12	01-Aug-12
NJ2123350	Coffee Coops	Coliform, Acute	01-Dec-12	16-Jan-13

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**Appendix D: Noncommunity Water System
2012 MCL Violations**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
		Coliform, Monthly	01-Dec-12	16-Jan-13

**Appendix E: Noncommunity Water System
2012 Action Level Exceedances**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ0105360	St. Mary's School	Copper	01-Jan-12	
NJ0110309	Old Castle Precast Pipe Company	Lead	01-Jul-12	
NJ0220301	High Mountain Road School	Lead	01-Jan-12	
NJ0511305	Upper Twp Middle School	Copper	01-Jan-12	
		Lead	01-Jan-12	
NJ0607302	Hopewell Elementary School	Copper	01-Jul-12	
NJ0608310	Santa's Sweets-Bldg #9	Copper	01-Jan-12	
NJ0721305	Mountain Ridge Country Club	Lead	01-Jan-12	
NJ0809301	Ferro Corporation	Lead	01-Jan-12	
NJ0811303	Taylor's Grille & Bar	Copper	01-Jan-12	
NJ0820305	Wheelabrator Gloucester	Lead	01-Jan-10	
NJ1002311	Thomas B Conley School	Lead	01-Jul-12	
		Lead	01-Jan-12	
NJ1017301	Phillips Barber Health Center	Lead	01-Jan-12	
NJ1022379	Reading Twp Middle School Well #2	Copper	01-Jan-12	
NJ1024300	Am Best Co	Lead	01-Jan-10	22-Nov-11
		Copper	01-Jan-10	22-Nov-11
NJ1025314	Hunterdon Hills Playhouse	Copper	01-Jan-10	
NJ1102307	Faridy Veisz Fraytak PC	Lead	01-Jan-10	
NJ1106339	BCJ&R	Lead	01-Jan-12	

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**Appendix E: Noncommunity Water System
2012 Action Level Exceedances**

System ID	System Name	Contaminant	Violation Date	Return to Compliance*
NJ1211300	Middlesex Presbyterian Church	Lead	01-Jul-12	
NJ1309336	Coltstown Group/Shopping Ctr	Lead	01-Jan-10	
NJ1319383	Yeshivas Emek Hatorah	Lead	01-Jan-10	
NJ1407303	Black River Middle School	Lead	01-Jul-12	
		Lead	01-Jan-12	
NJ1415300	Kinnelon Prof Bldg	Lead	01-Jan-10	
NJ1415305	Our Lady of the Magnificence	Lead	01-Jan-12	
NJ1424300	Morristown Memorial Hospital	Lead	01-Jan-10	
NJ1432350	WDIFTK Inc	Lead	01-Jan-12	
		Copper	01-Jan-12	
NJ1439301	Tilcon Administration	Copper	01-Jul-12	
NJ1615312	Upper Greenwood Lk School	Lead	01-Jan-12	
NJ1615338	Christian Life-Day Care/Agape	Lead	01-Jan-12	
NJ1709328	Archer Exteriors	Copper	01-Jan-12	
NJ1710328	DBA Eastmore Super Bravo Food Plaza	Copper	01-Jan-12	
NJ1806336	Somerville Lumber Co	Lead	01-Jul-12	
NJ1906315	Sterling Plaza Office	Lead	01-Jan-12	
NJ1910327	Kittatinny Reg High School	Lead	01-Jan-10	
NJ1913304	Old Lafayette Village	Lead	01-Jan-10	
NJ2111300	Hope Twp Elementary School	Lead	01-Jan-11	

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