2017 ANNUAL COMPLIANCE REPORT

On Public Water Systems

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

Prepared by:
New Jersey Department of Environmental Protection
Division of Water Supply and Geoscience
Mail Code 401-04Q
401 E. State Street, P.O. Box 420
Trenton, NJ 08625-0420
(609) 292-5550
watersupply@dep.nj.gov

Table of Contents

INTRODUCTION 5

DRINKING WATER PROGRAM: AN OVERVIEW 5

NJ DRINKING WATER PROGRAM SUMMARY 6

NJ PUBLIC WATER SYSTEM PROFILE 7

ANNUAL STATE PUBLIC WATER SYSTEM REPORTS 9

MAXIMUM CONTAMINANT LEVELS 10

MAXIMUM RESIDUAL DISINFECTANT LEVEL 11

TREATMENT TECHNIQUES 11

VARIANCES AND EXEMPTIONS 11

SIGNIFICANT CONSUMER NOTIFICATION VIOLATIONS 11

ADDITIONAL MONITORING IN NEW JERSEY 12

RADIOLOGICAL ANALYTICAL TECHNIQUE 12

VOLATILE ORGANIC CHEMICALS AND SYNTHETIC ORGANIC CHEMICALS AND RADIOLOGICAL MONITORING 12

DATA SOURCES FOR THIS REPORT 12

SUMMARY OF VIOLATION DATA 14

REVISED TOTAL COLIFORM RULE 14

MCL VIOLATIONS 15

TREATMENT TECHNIQUE VIOLATIONS FOR FAILURE TO CONDUCT ASSESSMENTS 11

SEASONAL WATER SYSTEMS 12

MONITORING/REPORTING VIOLATIONS 14

GROUND WATER RULE IMPLEMENTATION 15

DISINFECTANT AND DISINFECTION BY-PRODUCT RULE: TOTAL TRIHALOMETHANES, TOTAL HALOACETIC ACIDS AND DISINFECTANT BY-PRODUCT PRECURSORS 15

SURFACE WATER TREATMENT RULES 16

VOLATILE ORGANIC COMPOUNDS (VOC) RULE 17

MCL VIOLATIONS 17

MONITORING/REPORTING VIOLATIONS 18

SYNTHETIC ORGANIC COMPOUNDS (SOCS) RULE 18

MCL VIOLATIONS 18

MONITORING/REPORTING VIOLATIONS 18

INORGANIC CHEMICALS (IOCS) RULE 19

MCL VIOLATIONS 19
MONITORING/REPORTING VIOLATIONS 19
RADIOLOGICAL RULE 20
MCL VIOLATIONS 20
MONITORING/REPORTING VIOLATIONS 20
LEAD AND COPPER RULE (LCR) 20
ACTION LEVEL EXCEEDANCES 21
MONITORING/REPORTING VIOLATIONS 21
CONSUMER NOTIFICATION VIOLATIONS 22
APPENDIX A SAFE DRINKING WATER ACT REQUIREMENTS A-1
APPENDIX B COMMUNITY WATER SYSTEM 2017 MCL VIOLATIONS B-1
APPENDIX C COMMUNITY WATER SYSTEM 2017 TREATMENT TECHNIQUE VIOLATIONS C-1
APPENDIX D COMMUNITY WATER SYSTEM 2017 ACTION LEVEL EXCEEDANCES D-1
APPENDIX E NON-COMMUNITY WATER SYSTEM 2017 MCL VIOLATIONS E-3
APPENDIX F NON-COMMUNITY WATER SYSTEM 2017 TREATMENT TECHNIQUE VIOLATIONS F-1
APPENDIX G NON-COMMUNITY WATER SYSTEM 2017 ACTION LEVEL EXCEEDANCES G-1

Tables

Table 1: Community Water Systems by Population Ranges 9
Table 2: NJ Limit Versus Federal Limit 10
Table 3: NJ Only Limit 10
Table 4: RTCR Acute MCL and Treatment Technique Violations 11
Table 5: Seasonal System RTCR Violations 13
Table 6: Summary of Stage 1, Stage 2, and DBPs Violations 16
Table 7: VOCs Monitoring and Reporting Violations 18
Table 8: All 2017 Violations by Category 23

Figures

Figure 1: Distribution of Types of New Jersey Water Systems 8
Figure 2: Active Public Water Systems in New Jersey 8
Figure 3: RTCR MCL Violations by System Type 12
Figure 4: Percentage of Total RTCR Violations Issued to Seasonal Systems by Category 13
Figure 5: RTCR Monitoring and Reporting Violations 14
Figure 6: IOC Monitoring and Reporting Violations 19

INTRODUCTION

The Federal Safe Drinking Water Act (Federal SDWA) in Section 1414(c)(3)(A) requires states to prepare an annual report on violations of the national primary drinking water regulations incurred by public water systems. The statutory language requiring an annual report by states appears in Appendix A. This report covers the period of January 1, 2017 to December 31, 2017.

DRINKING WATER PROGRAM: AN OVERVIEW

Under the Federal SDWA of 1974, and subsequent 1986 and 1996 amendments, the United States Environmental Protection Agency (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 how often they report the monitoring results to the State or the USEPA. Generally, the larger the population served by a public water system, the more frequently monitoring and reporting must occur. Finally, the USEPA requires public notification, including a clear and understandable explanation of the nature of the

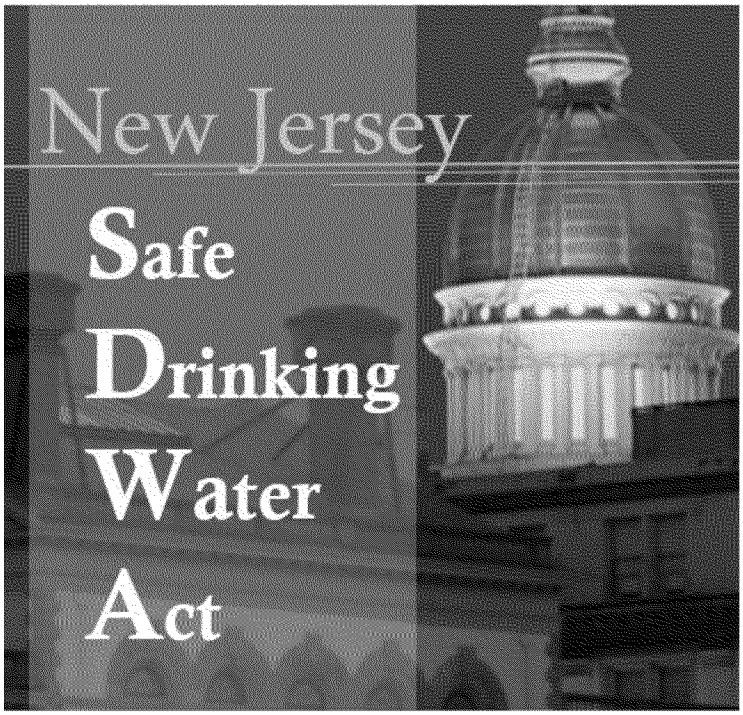
violation, its potential adverse health effects, what the public water system is doing to correct the violation and the possibility of using an alternative water supply until the violation is resolved.

The Federal SDWA allows states and territories to seek 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 equal to or stricter than federal regulations and demonstration that these requirements can be enforced. New Jersey is one of 56 states and territories that have received primacy from the USEPA for all drinking water regulations with the exception of the Revised Total Coliform Rule (RTCR). As explained in further details below, the RTCR is a federal regulation that became effective April 1, 2016. New Jersey has submitted the RTCR primacy package to USEPA for review, and expects to be granted primacy by the end of 2018.

The Division of Water Supply and Geoscience (Division) 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 both the Federal SDWA and the New Jersey Safe Drinking Water Act (New Jersey SDWA) to assure safe drinking water for citizens and visitors of New Jersey.

NJ DRINKING WATER PROGRAM SUMMARY

Violations fall into different categories, the major ones being: 1) exceedances of the MCLs, which specify the highest allowable contaminant concentrations in drinking water, 2) exceedances of the maximum residual disinfectant levels (MRDLs), which specify the highest concentrations of disinfectants allowed in drinking water, 3) failure to comply with treatment or operational requirements intended to reduce the levels of contaminants, known as treatment technique violations, and 4) monitoring and reporting (M/R) violations, which are issued for a drinking water system's failure to conduct their scheduled monitoring, or failure to submit their monitoring results on time, as required by the Federal and State SDWAs. Other violations may be issued for deficient consumer notification and public education.



Lead and copper action level exceedances are not violations; however, exceedance of the lead and copper action levels trigger other requirements that include installation

of corrosion control treatment, water quality parameter monitoring, source water monitoring/treatment, public education, and lead service line replacement.

Of the 86 health-based MCL violations issued to New Jersey public water systems in 2017, 35 MCL violations have been resolved and the water system has returned to compliance. The remaining 51 water system violations are in the process of returning to compliance, through informal or formal enforcement agreements with the NJDEP such as Administrative Consent Orders. Of 52 lead and/or copper action level exceedances, six water systems have returned to compliance. Another 46 water systems with lead and/or copper action level exceedances are progressing through the steps outlined in the federal lead and copper rule to return to compliance.

For M/R violations, New Jersey is aggressively issuing violations and holding water systems accountable for monitoring and reporting timeframes established in the federal regulations. In New Jersey, systems may receive reporting violations if the required sampling was conducted on time, but the results were reported incorrectly or late.

The Division, with support from NJDEP's Water Compliance and Enforcement program, and county health agencies, continues progress in addressing MCL, treatment technique, and action level exceedances. Although the Federal SDWA regulations generally do not specify a timeframe for returning to compliance, the New Jersey SDWA requires public water systems to return to compliance by taking necessary corrective actions to address MCL violations for contaminants with long-term health effects within one year.

Finally, the Division's capacity development strategy targets public water systems with a history of significant non-compliance to achieve compliance, and continued improvements are expected in the upcoming years.

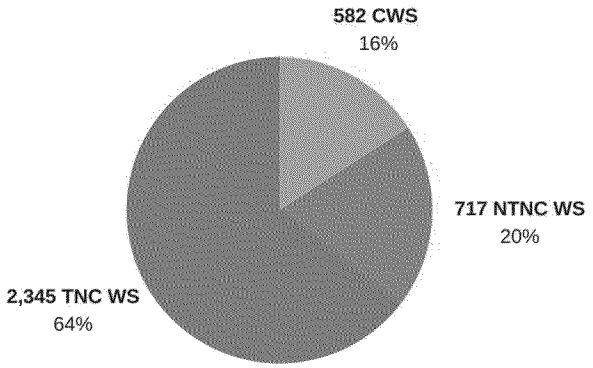
NJ PUBLIC WATER SYSTEM PROFILE

The federal regulations define a public water system (PWS) as a system that provides water for human consumption through pipes or other constructed conveyances, if such system has at least 15 service connections or regularly serves at least 25 individuals for at least 60 days out of the year.

There are three types of PWS: community ("C" such as towns), non-transient non-community ("NTNC" such as schools or factories with their own wells), or transient non-community systems ("TNC" such as rest stops or parks with their own wells). When the term "public water system" or "PWS" is used in this report, it means systems of all types unless otherwise specified.

As of December 31, 2017, New Jersey listed 3,644 active PWS in its inventory, including 582 community water systems, 717 non-transient non-community water systems, and 2,345 transient non-community water systems. Figure 1 shows the percent of PWS by type.

Figure 1: Distribution of Types of New Jersey Water Systems



The number of public water systems changes from year-to-year due to mergers, opening and closing of businesses, connections of non-transient non-community or transient non-community water systems to community water systems, or changes in population that result in reclassification or deactivation of a PWS. Figure 2 below depicts changes in the number of PWS for the past four years.

Most of New Jersey residents that are supplied by community water systems are served by medium or large systems that serve populations over 10,000. Table 1 shows a summary of population served by various size systems.

Figure 2: Active Public Water Systems in New Jersey

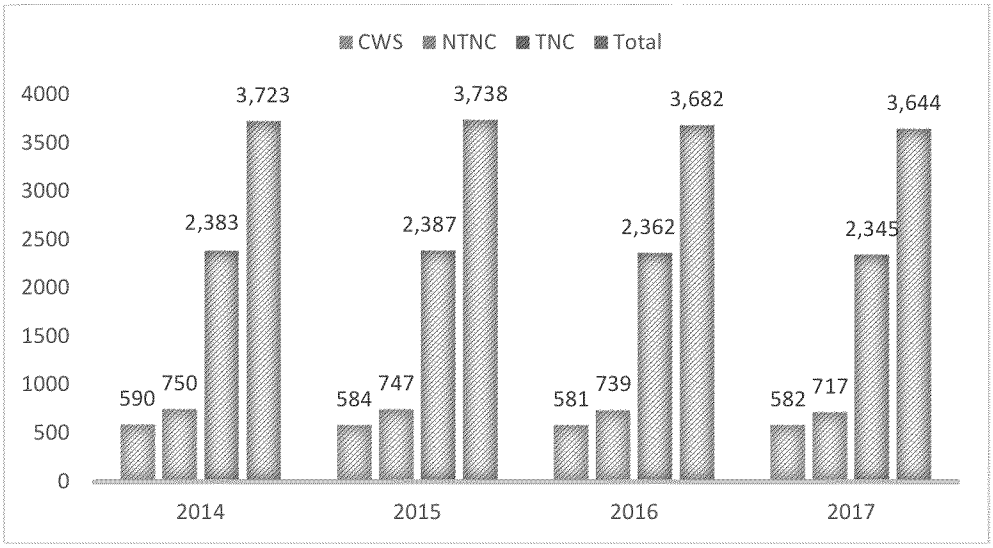
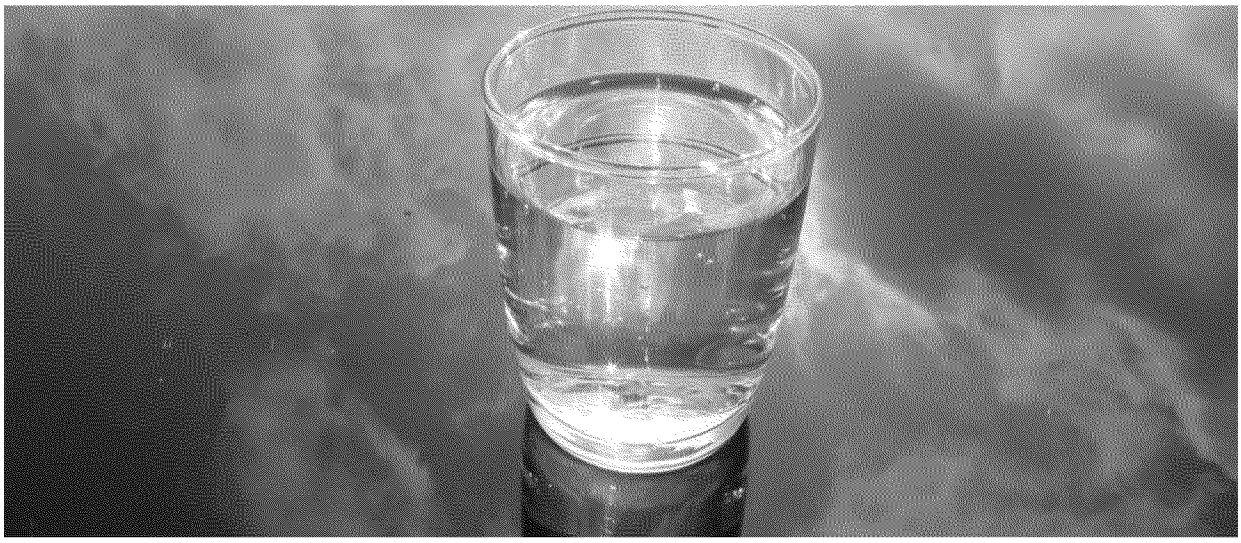


Table 1: Community Water Systems by Population Ranges

Population Categories	Population Ranges	Number of Community Systems	Estimated Residential Population Served
Large Systems	> 50,000	29	5,179,221
Medium Systems	10,001 – 50,000	131	2,928,856
	3,301 – 10,000	82	512,674
Small Systems	1,001 - 3,300	76	148,519
	501 – 1,000	45	32,204
	101-500	130	31,929
	<101	89	6,245
Total		582	8,839,648

ANNUAL STATE PUBLIC WATER SYSTEM REPORTS

Section 1414(c)(3) of the Federal SDWA requires states to provide the USEPA with an annual report of violations of the primary drinking water standards. This report provides the numbers of violations in each of six categories: MCLs, MRDL, treatment techniques, variances and exemptions, significant M/R violations, and significant consumer notification violations.



MAXIMUM CONTAMINANT LEVELS

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

In addition to these national standards, the 1984 amendments to the New Jersey SDWA provided a list of contaminants for the New Jersey Drinking Water Quality Institute (DWQI) to review and recommend MCLs to the NJDEP based on specified criteria. Additionally, the DWQI is granted authority to select additional contaminants to regulate, if needed. Both the Federal SDWA and New Jersey SDWA require that the standards adopted by the NJDEP be equal to or more stringent than federal standards.

New Jersey has fourteen contaminants that have more stringent MCLs than federal MCLs: twelve volatile organic compounds, one synthetic organic compound (chlordane), and one inorganic chemical (arsenic). Table 2 lists the contaminants and the MCL values. Table 2 also includes one radiological contaminant (gross alpha) that must be analyzed using the 48-Hour Rapid Gross Alpha Test methodology in the Regulations Governing the Certification of Laboratories and Environmental Measurements at N.J.A.C. 7:18. The New Jersey required method includes the alpha particle activity of radium-224, which is not captured using the standard USEPA method.

In addition to the above, there are five volatile organic compounds that are regulated as primary contaminants by New Jersey but not by the USEPA (Table 3).

NJ SPECIFIC LIMITS

Table 2: NJ Limit Versus Federal Limit

Contaminant	NJ MCL (ug/l)	USEPA MCL (ug/l)
Arsenic	5	10
Benzene	1	5
Carbon Tetrachloride	2	5
Chlordane	0.5	2
Chlorobenzene	50	100
1,2-Dichloroethane	2	5
1,1-Dichloroethylene	2	7
Gross alpha (using a rapid analysis method)	15*	15
Methylene Chloride	3	5
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

* Captures alpha emitting radionuclides with short half-lives, such as radium-224; units are pCi/L

Table 3: NJ Only Limit

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

MAXIMUM RESIDUAL DISINFECTANT LEVEL

The USEPA sets national limits of residual disinfectant levels in drinking water. These limits, known as MRDLs, mean the level of a disinfectant added for water treatment may not be exceeded at the consumer's tap without an unacceptable possibility of adverse health effects.

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 immediately based on raw water features or a small system that cannot afford to meet non-microbial MCLs. As NJDEP never issued variances or exemptions, regulations on variances and exemptions (Subchapter 6) of the New Jersey SDWA regulations were repealed effective November 4, 2004.

MONITORING AND REPORTING

A PWS is required to monitor and verify that the levels of contaminants that may be present in the water do not exceed the MCL or MRDLs or violate treatment techniques. Major categories of contaminants monitored in public community drinking water supplies are microbiological, inorganic chemicals including lead and copper, volatile organic chemicals, synthetic organic chemicals including pesticides, radionuclides, turbidity and disinfection by- products, which include total trihalomethanes and total haloacetic acids. If a PWS fails to test its water as required, then a monitoring violation occurs. A reporting violation is given for failure to report test results correctly or within the required amount of time to the primacy agency.

SIGNIFICANT CONSUMER NOTIFICATION VIOLATIONS

The Federal SDWA requires all community water systems to produce and distribute a Consumer Confidence Report (CCR) to all customers in the system. This CCR contains summary information about the water system, including test results from the previous calendar year, "plain" language descriptions of drinking water in general, any MCL violations or action level exceedances, and sources of drinking water. Reports must be sent to customers by July 1st each year containing the previous year test results; violations occur for failure to submit an annual report to customers by July 1, to include all the required information, and to certify the means of distributing this report to all customers including the requirement for large systems to post the CCR on their website.

ADDITIONAL MONITORING IN NEW JERSEY

RADIOLOGICAL ANALYTICAL TECHNIQUE

Sampling of wells using 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. As there is no federal or state standard for radium 224, the NJDEP requires the 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 can be detected that would not normally be detected due to radium 224's short half-life.

VOLATILE ORGANIC CHEMICALS AND SYNTHETIC ORGANIC CHEMICALS AND RADIOLOGICAL MONITORING

Transient non-community water systems are not required by federal law to sample for volatile organic chemicals, synthetic organic chemicals, nor radiological contaminants. State regulations, however, require all child care centers that are non-community water systems to sample for all three groups of contaminants. The NJDEP occasionally receives volatile organic and synthetic organic results from transient non-community water systems other than child care centers as a result of voluntary monitoring or monitoring associated with a contaminated site, and at times these results exceed their respective MCLs. In these cases, the NJDEP contacts the local county health agencies for appropriate follow-up.

DATA SOURCES FOR THIS REPORT

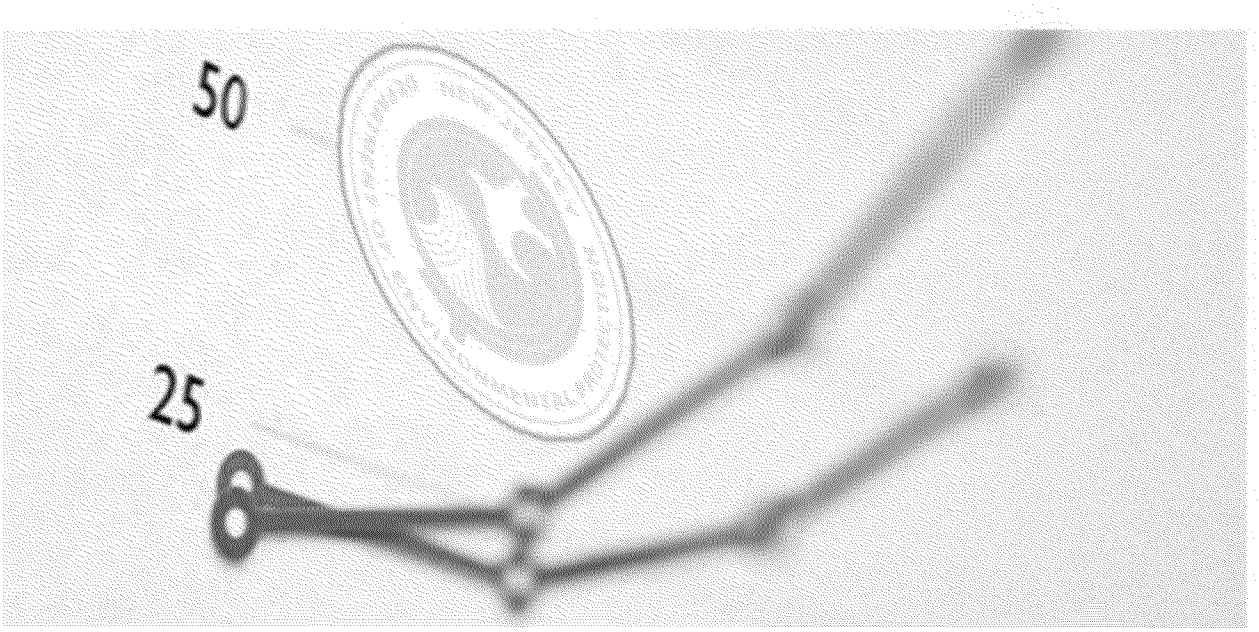
The USEPA has developed a tool for analyzing drinking water data called Enforcement and Compliance History Online (ECHO) (https://echo.epa.gov/?redirect=echo). This tool can be used to generate a compliance summary report which provides the total annual number of violations as well as names of the systems with violations for each of six categories: MCLs, MRDLs, treatment techniques, variances and exemptions, significant M/R violations and significant consumer notification violations. The data used by USEPA to generate the summary report is stored in USEPA's federal version of the Safe Drinking Water Information System (SDWIS)/Fed database, which contains information about public water systems and their violations, as reported to USEPA by the states.

ECHO Enforcement and Compliance History Online
https://echo.epa.gov/?redirect=echo

The data in this annual report is the same data that can be obtained through ECHO. The minor differences between the ECHO data and the New Jersey data are attributable to New Jersey's effort to address errors and clean up violation data after the quarterly posting of ECHO violation data on the USEPA website. In addition, it is important to note that this annual report includes additional violation data not required to be reported to USEPA (e.g., lead and copper

exceedances, New Jersey specific MCL violations, and M/R violations for New Jersey specific monitoring required at transient non-community water systems).

This annual report includes 2017 drinking water data and associated violations and follow-up information reported to the NJDEP through May 31, 2018. To see the most comprehensive and up-to-date information available, use the Division's Drinking Water Watch tool, accessible online at https://www9.state.nj.us/DEP_WaterWatch_public/index.jsp.



SUMMARY OF VIOLATION DATA

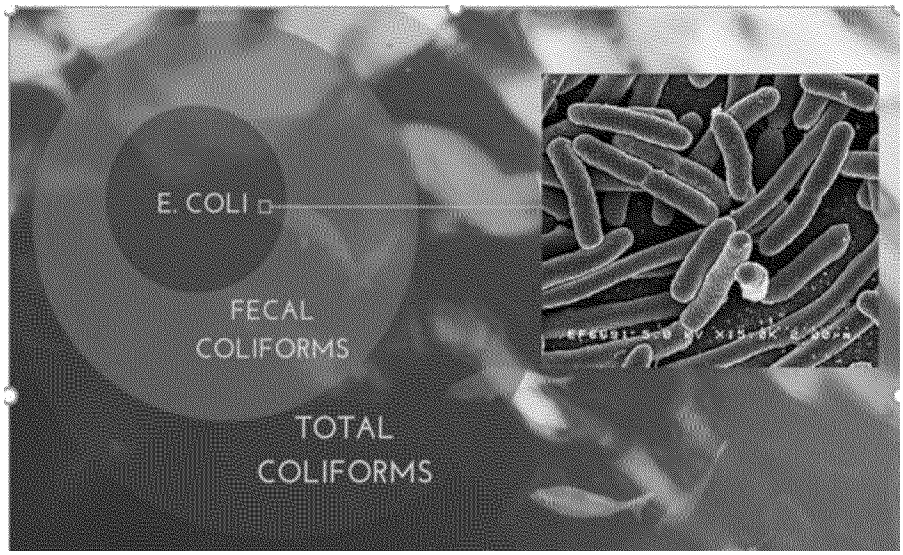
Individual water system MCL and treatment technique violations for community water systems appear in Appendices B and C, respectively. MCL and treatment technique violation for non-community water system appear in Appendices E and F, respectively. Appendix D lists community water system action level exceedances of the Lead and Copper Rule; non-community Lead and Copper Rule exceedances appear in Appendix G. Following is a summary of 2017 violation data for each contaminant group, followed by consumer notification violations.

REVISED TOTAL COLIFORM RULE

The Revised Total Coliform Rule (RTCR), effective in April 2016, is a revision of the 1989 Total Coliform Rule (1989 TCR), and is the only microbial rule that applies to all 3,644 New Jersey public water systems, including all 2345 transient water systems. Under the RTCR, systems are required to monitor for the presence of total coliform and *E. coli* in drinking water at a frequency based on the type of water system and the number of people served. Typically, a community water system samples monthly while a non-community system samples quarterly.

Total coliform bacteria are generally not harmful themselves, but their presence in drinking water indicates a potential pathway for contamination into the distribution system. The presence of *E. coli*, however, a type of coliform bacteria, indicates a health risk. To address this risk, the RTCR

adopts a "find and fix" approach which requires the water system to conduct an assessment (Level 1 or Level 2) based on the frequency and severity of the contamination to identify problems and take subsequent corrective action within a specified timeframe. The more basic Level 1 assessment is conducted based on the confirmed presence of total coliform bacteria, while the more comprehensive Level 2 assessment is required for systems with chronic issues (e.g. repeated total coliform positive results within a rolling 12-month period) and those with *E. coli*.



MCL VIOLATIONS

One of the major differences between the RTCR and the 1989 TCR, is that under the RTCR, a violation is not issued based on the confirmed presence of total coliform. Instead, when total coliform are confirmed the water system is required to conduct a basic Level 1 assessment to identify and eliminate the potential pathways for contamination. Systems that trigger a second Level 1 assessment within a rolling 12-month period are required to instead conduct the more comprehensive Level 2 assessment.

An acute MCL violation under the RTCR occurs when the system 1) has an *E. coli*-positive repeat sample following a total coliform-positive routine sample; 2) has a total coliform-positive repeat sample following an *E. coli*-positive routine sample; 3) fails to collect all required repeat samples following an *E. coli*-positive routine sample; 4) fails to test for *E. coli* when any repeat sample tests positive for total coliform. A Level 2 assessment and the issuance of a Boil Water Advisory are required for all acute MCL violations.

In 2017, there were 20 *E. coli* positive MCL violations at 19 public water systems. One was a community system, six were non-transient non-community water systems and 12 were transient non-community water systems. As of May 31, 2018, 15 of the 19 (78%) public water systems with an acute violation had returned to compliance. NJDEP is actively working with the four remaining systems on corrective action. Two of these four are seasonal systems and will not be open in 2018 prior to completing corrective action.

TREATMENT TECHNIQUE VIOLATIONS FOR FAILURE TO CONDUCT ASSESSMENTS

Under RTCR, systems that failed to complete the required Level 1 or Level 2 assessment within 30 days triggering the assessment are issued treatment technique violations. In 2017, there were a total of 94 treatment technique violations issued to 90 systems for failing to complete a Level 1 or Level 2 assessment. Sixty-four (64) of those treatment technique violations were issued for failure to complete the required Level 1 assessment within the 30-day time period. Of those 64 systems, 56 were non-transient non-community water systems and eight were transient non-community water systems. The other 30 treatment technique violations were issued to 26 water systems for failure to complete a Level 2 assessment. Twenty of the Level 2 assessments were completed after the 30 day period passed. In addition, forty-three (43) Level 1 assessments were completed after the treatment technique violation was issued. Those systems have been resolved and the NJDEP is reaching out to the remaining systems to address any assessments that have not yet been completed.

Table 4, below, summarizes the number of acute MCL violations and treatment technique violations for failure to conduct an assessment (both Level 1 and 2) issued under RTCR in 2017.

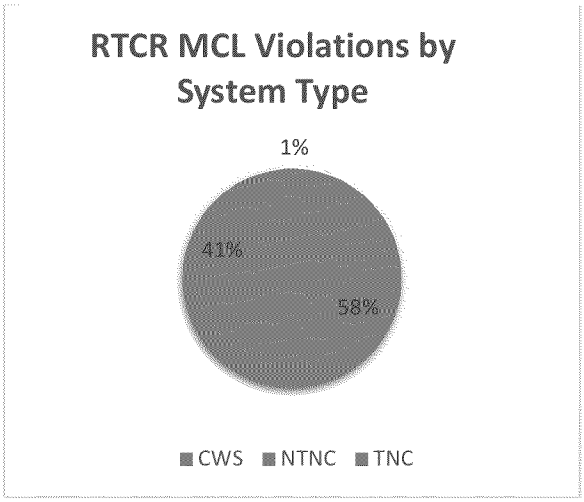
Table 4: RTCR Acute MCL and Treatment Technique Violations

	Total Number of RTCR MCL and Treatment Technique Violations			Total Numbers of Systems that Received RTCR MCL and Treatment Technique Violations		
Year	Acute MCL	Treatment Technique	Total	Acute MCL	Treatment Technique	Total
2017	20	94	185	19	90	180

To continue improving RTCR compliance, the Division dedicated more time towards improving overall compliance at public water systems in 2017. NJDEP has also been referring systems that fail to comply with the RTCR to USEPA for formal enforcement action until primacy approval is granted for the RTCR.

Upon review of the data, NJDEP noted that most of the water systems with violations under RTCR are smaller non-community water systems as shown in Figure 3 below.

Figure 3: RTCR MCL Violations by System Type



Because of the number of small water systems in violation, the NJDEP focused staff resources on more one-on-one consultations with the public water systems, field visits to identify problems, and additional training for the local county health agencies responsible for oversight of the non-community water systems. Also, work is being done to improve the RTCR assessment forms to help identify problems when an MCL violation occurs at a public water system. The number of community water systems with violations is expected to remain low, since almost all community water systems in New Jersey disinfect their water. Only community water systems that serve 100 or fewer dwellings may elect not to disinfect their water provided that they increase the number of bacteria samples collected each month.

SEASONAL WATER SYSTEMS

Seasonal water systems are a new subcategory of public non-community systems established under the RTCR. There are 449 non-community water systems classified as seasonal systems in New Jersey. A seasonal water system is defined as a public non-community water system that is not operated as a public water system on a year-round basis and starts up and shuts down at the beginning and end of each operating season. A seasonal water system may be more susceptible to water quality problems because this type of water system is periodically inactive or is periodically depressurized. Therefore, seasonal water systems are required to monitor monthly for the duration of their operating season or a monitoring violation is issued. In addition, a seasonal water system must demonstrate completion of a state-approved start-up procedure to ensure that the system is free of microbial contamination prior to the beginning of its operating season. In New Jersey, the start-up procedure requires all seasonal water systems to collect a total coliform sample prior to opening and submit a certification that this start-up sample was taken correctly.

In 2017, the NJDEP started evaluating compliance for seasonal system start-up procedures, ensuring that seasonal systems collected a total coliform sample prior to opening their systems. Systems that did not provide certification that this start-up procedure was completed received a

treatment technique violation. Systems that collected a start-up sample prior to opening but submitted their start-up certification late received a reporting violation. Table 5 provides a summary of the types of seasonal system violations.

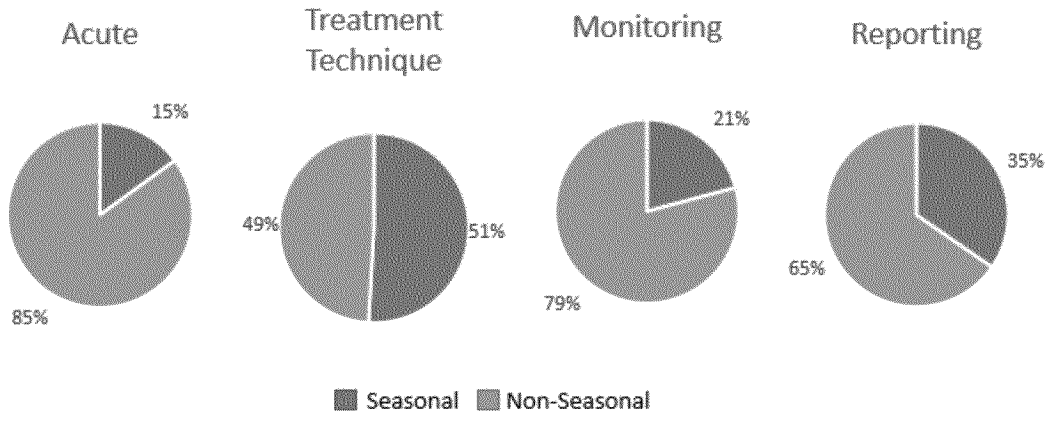
Table 5: Seasonal System RTCR Violations

	Acute	Treatment Technique		Monitoring	Reporting		Total
	E. Coli MCL[1]	Failure to Complete Start-up Procedures	Failure to Complete Level 1 or 2 Assessment	Routine Monitoring (Including Additional)	Failure to Certify Start-up on Time	Late Reporting of Routine Samples	
Number of Violations	3	71	13	45	75	95	320
Number of Systems	3	71	11	39	75	71	271

A large percentage of seasonal systems failed to perform start-up procedures or failed to certify that a start-up sample was collected prior to opening. In 2017, 15% (71) of seasonal systems failed to complete start-up procedures and 16% (75) of seasonal systems failed to submit their start-up certification.

Figure 4 below compares these values against the total numbers of RTCR violations issued. These figures show that although the seasonal systems represent a small percentage of non-community water systems (15%), they account for a large percentage of violations. Starting in 2017 and continuing into 2018, the NJDEP has worked to increase awareness on the new rule requirements by providing additional outreach to seasonal water systems including State Parks, New Jersey certified laboratories, and local health agencies. These efforts have included creating a factsheet on start-up sample requirements and conducting training in an effort to reduce the number of violations as systems become more familiar with the rule requirements.

Figure 4: Percentage of Total RTCR Violations Issued to Seasonal Systems by Category



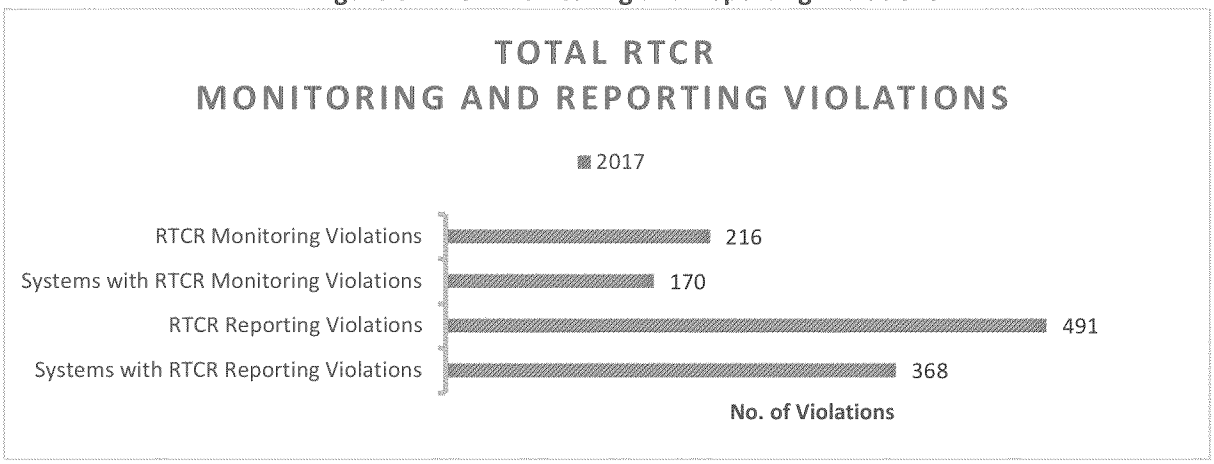
[1] Of the 20 acute violations from Table 4, three occurred at seasonal systems.

MONITORING/REPORTING VIOLATIONS

Under the RTCR, M/R violations are tracked separately as two different violations and not combined as a single M/R violation as they were under the 1989 TCR.

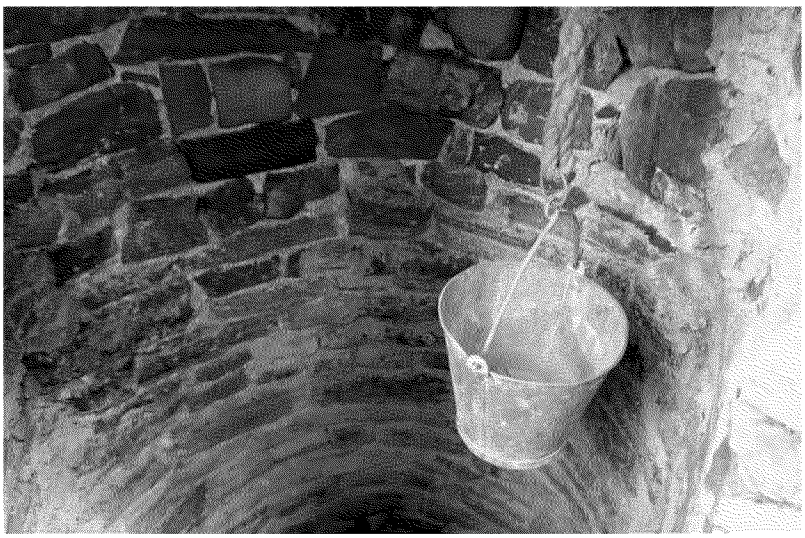
All 2017 M/R violations are summarized in Figure 5 below.

Figure 5: RTCR Monitoring and Reporting Violations



In 2017, the NJDEP issued 216 monitoring violations to 170 water systems, including 186 violations for failure to conduct routine monitoring and 30 violations for additional routine monitoring, a type of violation issued to water systems on quarterly monitoring for failure to conduct three samples the month following a total coliform positive sample. There were 491 reporting violations issued to 368 systems which include: 1) 405 reporting violations for failing to report sample results (282 public water systems); 2) 11 reporting violations issued to water systems for failing to submit an RTCR Sample Siting Plan at the request of the NJDEP; and 3) 75 violations for failure to submit the start-up certification. As noted above, due to the large numbers of non-health-based reporting violations, NJDEP is increasing outreach to noncommunity water systems, especially to seasonal systems on the requirements of RTCR.

GROUND WATER RULE IMPLEMENTATION



The Federal Ground Water Rule (GWR), effective December 1, 2009, is designed to increase protection against microbial pathogens, such as *E. coli* and viruses, in PWS that use ground water sources. The major provisions of the rule require periodic sanitary surveys to identify deficiencies that could lead to contamination and trigger source water monitoring when total coliform is detected in the distribution system.

Systems with *E. coli* in their source water are required to take corrective action to reduce the risk from any identified deficiencies to protect drinking water consumers.

In 2017, 46 systems had 49 GWR M/R violations assessed for failure to conduct timely triggered *E. coli* sampling after a routine total coliform positive collected under the RTCR. Three systems had three treatment technique violations for failure to address contamination within the 120-day deadline under the GWR. One system received a M/R violation for failure to consult with the NJDEP. Finally, 20 M/R violations were issued to eleven water systems certified for 4-log virus inactivation for failure to meet chlorine analysis requirements.

DISINFECTANT AND DISINFECTION BY-PRODUCT RULE: TOTAL TRIHALOMETHANES, TOTAL HALOACETIC ACIDS AND DISINFECTANT BY-PRODUCT PRECURSORS

The Stage 2 Disinfectants and Disinfection Byproduct Rule (Stage 2) requires PWS that add a chemical disinfectant to the drinking water treatment process or deliver disinfected water to conduct monitoring for compliance with the disinfection by-product (DBPs) MCLs based on a locational running annual average (LRAA). Stage 2 builds on the existing requirements under the Stage 1 Disinfectant and Disinfection Byproduct Rule (Stage 1) to provide greater protection from potential cancer, reproductive and developmental risks from DPBs such as trihalomethanes (TTHMs) and haloacetic acids (HAA5s).

Table 6 summarizes the number of MCL violations, M/R and treatment technique violations for 2017 under the Stage 1 and Stage 2 rules. Table 6 summarizes the number of MCL violations, M/R violations, and treatment technique violations for 2017 under the Stage 1 and Stage 2 rules. Seven systems had MCL violations for HAA5 or TTHM levels above the MCLs. The NJDEP requires these systems to submit a report outlining steps that will be taken to address DBPs in their system.

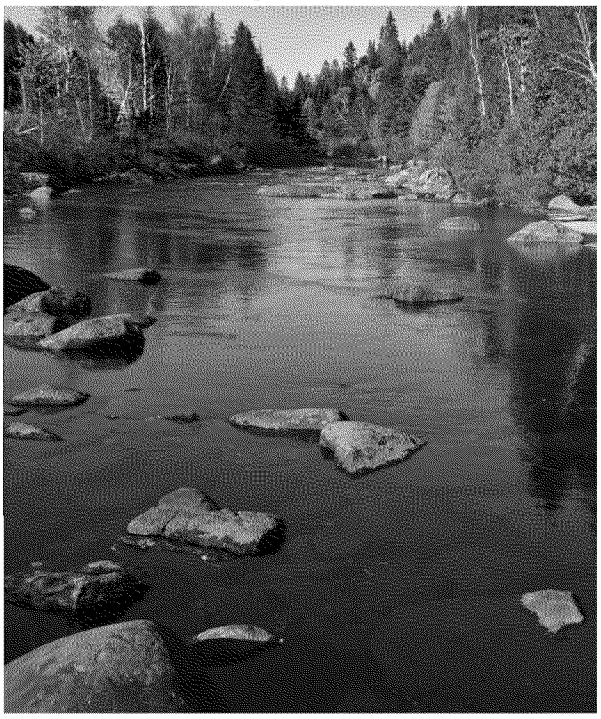
Table 6: Summary of Stage 1, Stage 2, and DBPs Violations

TTHM/HAA5	Systems with MCL Violations	MCL Violations		Systems with M/R Violations	M/R Violations		Treatment Technique Violations
		HAA5	TTHM		HAA5	TTHM	
	7	7	5	77	47	37	0

Additionally, in 2017 the NJDEP continued to evaluate compliance under the Stage 2 rule for monitoring in accordance with the MRDL for chlorine at the same location as samples are collected for compliance with RTCR. This resulted in a total of 220 M/R violations for 89 public water systems. Many of these violations were for late reporting of disinfectant residual results. The number of violations dropped by 32% in 2017 from 2016 due in part to the ability of NJDEP to now accept disinfectant residuals electronically.

SURFACE WATER TREATMENT RULES

The Surface Water Treatment Rules (SWTRs) establish standards for the treatment of surface water systems and groundwater under the direct influence of surface water systems. The SWTRs also apply to systems without their own sources that purchase surface water or groundwater under the direct influence of surface water. PWS subject to the SWTR are required to achieve a minimum of 2 log removal and/or inactivation of *Cryptosporidium*, 3 log removal and/or inactivation of *Giardia lamblia* and 4 log removal and/or inactivation of virus through filtration and disinfection. 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 nephelometric turbidity units (NTU) 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 two violations of the turbidity standard in 2017 by two systems.



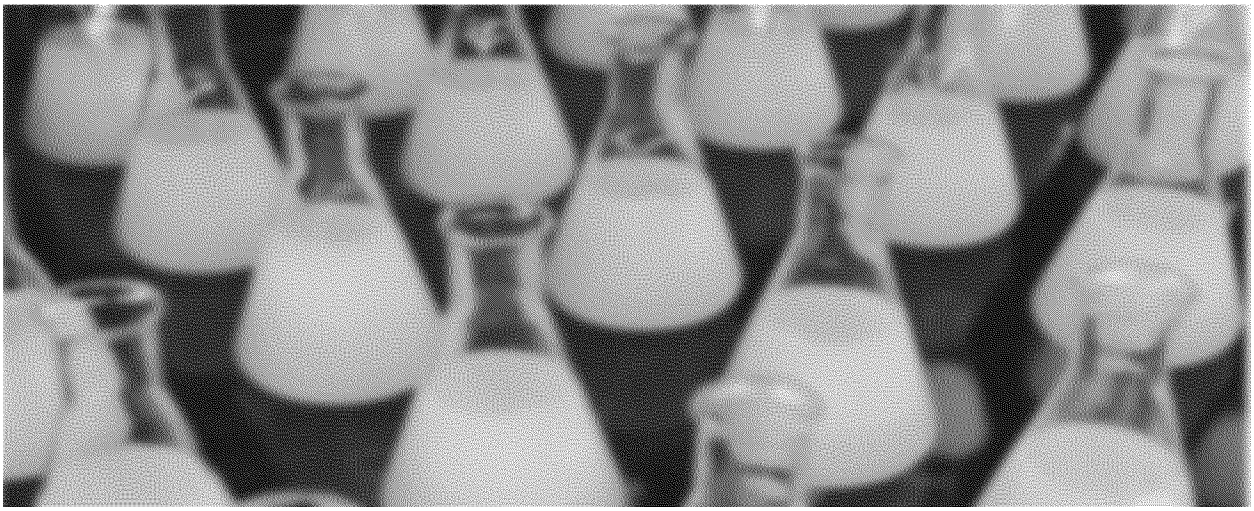
The Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR) builds upon the earlier SWTRs to addresses the health effects associated with *Cryptosporidium* and *E. coli* in surface water used as a drinking water supply. Two rounds of required monitoring were staggered by system size, with smaller systems beginning monitoring after larger systems. In 2017, 16 systems with populations over 100,000 (Schedule 1) and two systems with populations between 50,000 and 99,999 (Schedule 2) completed their second round of monitoring for *Cryptosporidium* and *E.*

coli under the LT2ESWTR. These water systems were placed into one of four "bins" as a result of monitoring. The "bins" correspond to the required level of treatment based on the risk of *Cryptosporidium*. The majority of systems are classified as Bin 1, which carries no additional treatment requirements. Higher Bin numbers require additional treatment. Of the Schedule 1 and 2 systems, three systems were placed into Bin 2 classification, with the rest placed in Bin 1. An additional 16 systems with populations between 10,000 and 49,999 (Schedule 3) and populations less than 10,000 (Schedule 4) started monitoring or continued monitoring in 2017. There were six M/R violations received by five systems who monitored in 2017.

Under the SWTRs, all surface water and surface water purchasing systems are required to maintain a detectable disinfectant residual in the distribution system. In 2017, there was one treatment technique violation at one community water system for failure to maintain a detectable residual in the distribution system. Forty-eight violations were given to 35 systems for failure to monitor and/or report disinfectant residual.

In 2017, the NJDEP renewed its focus on the Surface Water Treatment Rules and on the surface water systems in New Jersey. The NJDEP has developed a specialized inspection program for surface water systems, improved tools for evaluating compliance, and developed strategies for improved emergency management. In addition, NJDEP and USEPA continued joint sanitary surveys at surface water systems. By participating in these inspections, NJDEP staff has gained valuable training on SWTR issues and has increased compliance efforts on these rules.

NJDEP continues to follow-up on the results of the sanitary surveys with USEPA and anticipates that a greater emphasis on SWTR issues will continue to take place during calendar year 2018.



VOLATILE ORGANIC COMPOUNDS (VOC) RULE

MCL VIOLATIONS

There were no MCL violations for VOCs in 2017. There were three MCL violations for VOCs in 2016 and none in 2015.

MONITORING/REPORTING VIOLATIONS

In 2017, the total number of M/R violations for VOCs was 1,124 issued to 43water systems, a decrease from 2016. The number of violations is so high for VOCs because each VOC test includes 26 contaminants, which are counted as 26 individual violations. Table 7, below, shows the 2017 M/R violations for the past 3 years.

Table 7: VOCs Monitoring and Reporting Violations

Year	Number of VOC Monitoring and Reporting Violations*	Number of Systems that Received VOC Monitoring and Reporting Violations
2017	1,124	43
2016	1,311	53
2015	1,096	43

SYNTHETIC ORGANIC COMPOUNDS (SOCS) RULE

MCL VIOLATIONS

Every three years, most surface water intakes and selected, vulnerable groundwater sources of drinking water are sampled by the NJDEP for SOCs to fulfill the requirements of the USEPA-approved SOC waiver program in New Jersey. The current monitoring period is 2017-2019. Surface water samples are taken under both storm flow conditions and base flow conditions. Raw water samples (before any treatment) are taken from ground water sources. The purpose of this monitoring is to sample at the most vulnerable groundwater and surface water sites where the regulated SOCs are most likely to be used. The results from these "screening samples" determine whether systems must monitor for SOCs. In 2017, the NJDEP selected sites for monitoring during the 2017-2019 period. Sampling will take place in 2018. As a result of the screening samples, most water systems will receive SOC sampling waivers for the 2017 to 2019 monitoring period. Although some systems monitored for SOCs in 2017 due to past detections or past violations, there were no MCL violations in 2017.

MONITORING/REPORTING VIOLATIONS

During 2017, there were 13 water systems that were required to monitor either quarterly or annually based on prior detections of SOCs. Three systems were issued M/R violations for failure to monitor for one or more of the SOC analytes.

INORGANIC CHEMICALS (IOCS) RULE

MCL VIOLATIONS

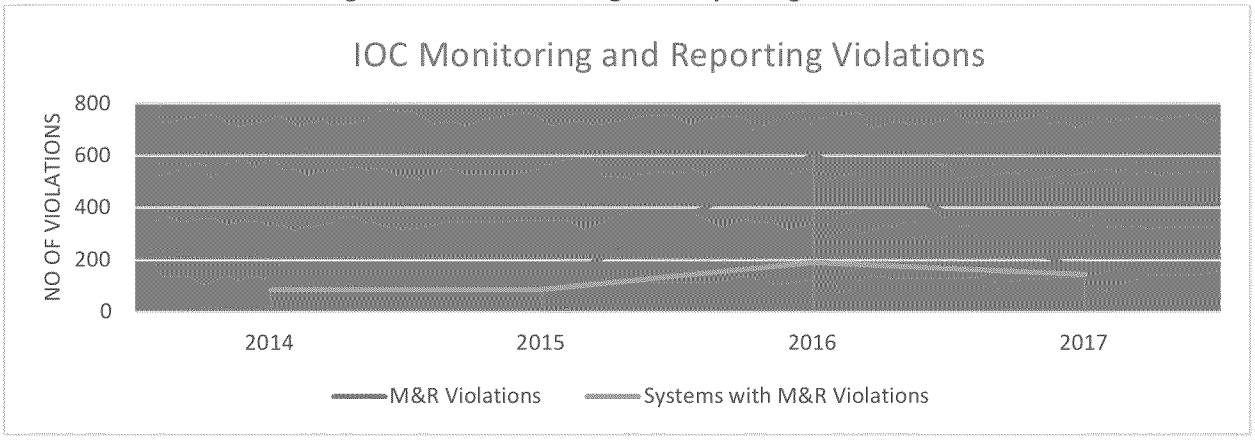
In 2017, there were 31 nitrate MCL violations at 22 systems. Nitrate is required to be monitored at all 3644 public water systems. Of those 22 systems with nitrate violations, three were community systems; four were non-transient non-community systems; and 15 were transient non-community systems. There were no MCL violations for inorganic chemicals other than nitrate.

MONITORING/REPORTING VIOLATIONS

In 2017, there were a total of 168 M/R violations at 145 systems for inorganics including nitrate, antimony, arsenic, barium, beryllium, cadmium, chromium, cyanide, fluoride, mercury, nickel, selenium and thallium. Of the 168 violations, 137 were for failure to monitor and report results for nitrate.

Figure 6 below shows the total number of M/R violations for the past six years. The increase in the number of violations in 2016 is attributed to the fact that 2016 is the end of a three-year compliance cycle for inorganics (except nitrate). The number of violations decreased again in 2017, as expected.

Figure 6: IOC Monitoring and Reporting Violations



*An inorganic chemical analysis includes up to 13 analytes: each missed sample is counted as a separate M/R violation.

According to federal regulations, States can issue monitoring waivers for asbestos. The NJDEP issues waivers for asbestos monitoring according to the USEPA-approved asbestos waiver program for New Jersey. The current nine-year compliance cycle is from 2011-2019. Community and non-transient non-community water systems were notified that they received an asbestos waiver or were informed of their monitoring requirements in late 2012. All systems that were required to sample had to do so during the first three years of the compliance cycle (2011-2013). Therefore, there were no violations in 2017.

RADIOLOGICAL RULE

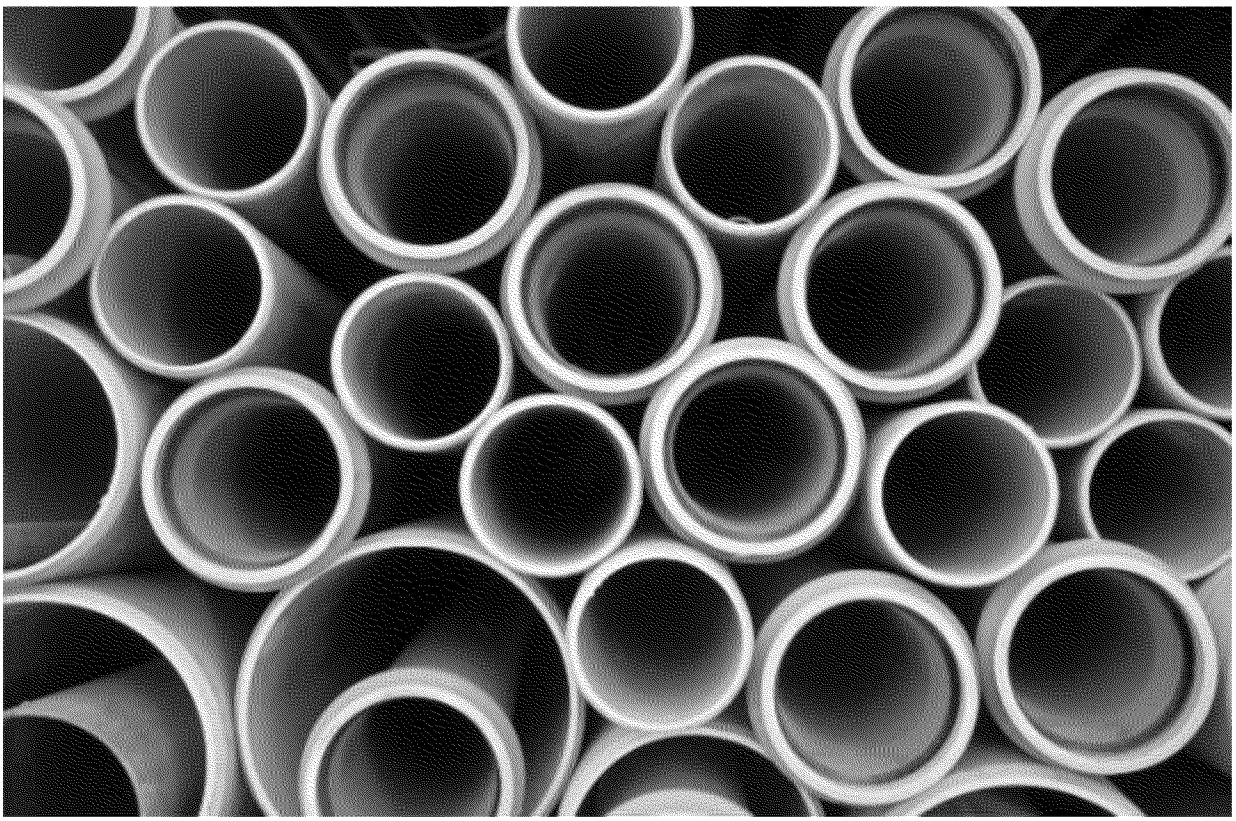
The Radiological Rule was established by USEPA to improve public health by reducing the exposure to radionuclides in drinking water to reduce the risk of cancer.

MCL VIOLATIONS

During 2017, four community water systems and two non-transient non-community water systems violated the gross alpha MCL. Four community water systems violated the radium 226/228 standard. There was a total of 23 violations at ten water systems.

MONITORING/REPORTING VIOLATIONS

Nineteen monitoring/reporting violations in 13 systems were incurred for gross alpha, 20 M/R violations in 14 systems for radium 226/228, and 20 M/R violations in 14 systems for uranium. There was a total of 87 M/R violations for 2017 at 63 different water systems for Radionuclides.



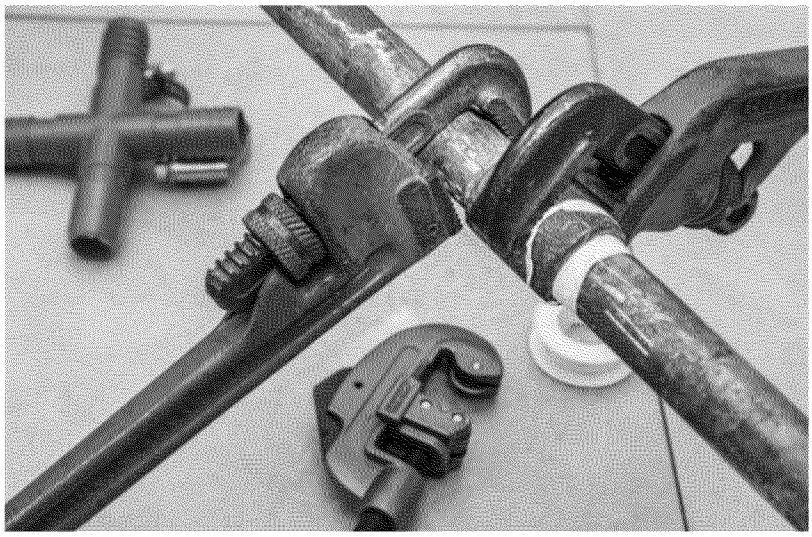
LEAD AND COPPER RULE (LCR)

The Lead and Copper Rule was first published by USEPA in 1991 to control lead and copper in drinking water. Since 1991, USEPA has revised the rule to enhance implementation in the areas of monitoring, treatment, customer awareness, and lead service line replacement. In January 2015, the Division began a self-assessment and determined that improvements to implementation of the LCR were necessary to ensure consistency throughout the State. The

Division initially focused their assessment on the Water Quality Parameter (WQP) monitoring and corrosion control treatment sections of the Rule. In early 2016, due to events outside of New Jersey, lead in drinking water became a matter of national discussion, and as a result, the Division and USEPA began further re-evaluating all components and requirements of the LCR. This process continued in 2017.

In 2017, the Division required selected community and non-transient non-community water systems to submit their Lead and Copper and Water Quality Parameter Sampling Plans for review and approval.

Beginning in January 2017, NJDEP required all large water systems to increase their lead and copper monitoring, requiring samples to be taken every 6 months (standard monitoring). In addition, systems were returned to standard monitoring following a lead and copper M/R violation. Sampling plans for medium and small systems continued to be reviewed. Focus was given to ensuring that samples were being taken from appropriate sites. Systems with deficient sampling sites were placed back on standard monitoring.



The NJDEP is in the process of reevaluating criteria for allowing systems to reduce monitoring to annually from standard monitoring. In addition, in 2017, NJDEP stopped allowing systems to reduce their monitoring to triennial monitoring, as allowed in the federal regulations.

Compliance was evaluated for systems with Division approved optimal WQP values. During 2017, nine treatment technique violations for WQP non-compliance were issued to six systems, including one community water system, and five non-community water systems. Compliance is also being evaluated on all LCR requirements following a lead action level exceedance.

ACTION LEVEL EXCEEDANCES

In 2017, 32 Action Level exceedances (ALEs) for lead occurred for 12 community, 16 non-transient non-community water systems, and one transient non-community water system, while 20 copper ALEs occurred in five community and 12 non-transient non-community water systems water systems.

MONITORING/REPORTING VIOLATIONS

In 2017, there were 253 M/R violations for 122 systems.

CONSUMER NOTIFICATION VIOLATIONS

Public community water systems are required to submit Consumer Confidence Reports (CCRs) annually (by July 1st) to their customers and NJDEP, and certify that they delivered their CCR to customers by October 1. The CCR certification submitted to NJDEP serves as verification that the PWS distributed the CCR to their customers. The CCR must contain data for the preceding year in a format that is detailed in Federal and State regulations.

Thirty-three CCR violations were issued in 2017. Thirty-two community water systems (CWS) did not send copies of their 2017 CCR to the NJDEP by July 1, 2017 and were issued CCR reporting violations for either late submittal (16 systems) or no submittal (16 systems). In 2017, the NJDEP initiated a more detailed review of the content of CCRs submitted, prioritizing the review of CCRs submitted for CWSs that incurred several violations. Thirty-two systems received a more detailed CCR content review; of the 32, one received a violation for having a deficient CCR. The number of CCR violations in 2017 (33) have decreased since 2016 (80).

Table 8: All 2017 Violations by Category

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring		Significant Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
REVISED TOTAL COLIFORM RULE (RTCR)											
1A (3014)	E. Coli Positive MCL			20	19						
2A (8000)	Level 1 Assessment, Multiple TC +					64	64				
2B (8000)	Level 2 Assessment, 2nd Level 1					30	26				
2D (8000)	Failure to do Startup Procedures					71	71				
3A (3014)	Monitoring, Routine, Major							186	142		
3B (3014)	Monitoring, Additional Routine, Major							30	28		

4B (3014)	Report Sample Result/ Fail to Monitor									405	282
4C (8000)	Report Startup Procedures Certification									75	75
5A (8000)	Sample Siting Plan Errors									11	11
SUBTOTAL RTCR:				20	19	165	161	216	170	491	368

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
GROUND WATER RULE (GWR)									
19	GWR Assessment Monitoring							0	0
20	Failure to consult							1	1
31	Monitoring 4-log systems							20	11
34	Monitoring triggered/additional							49	46

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
45	Failure to address deficiency					0	0		
48	Failure to address contamination					3	3		
	SUBTOTAL GWR:					3	3	70	58
STAGE 1 & 2 DISINFECTANTS AND DISINFECTION BYPRODUCTS RULE (STAGE 1 & 2 DBP)									
02 (2456 & 2950)	MCL, LRAA			12	7				
27 (2456 & 2950)	Monitoring and Reporting (47 HAA5 and 37 TTHM)							84	77
27 (0999)	Monitoring and Reporting (Chlorine)							220	89
35	Failure to Submit OEL Report for TTHM							1	1

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
12, 46	Treatment Techniques					0	0		
SUBTOTAL STAGE 1 & 2 DPBs:				12	7	0	0	305	167

SURFACE WATER TREATMENT RULE (SWTR)									
32	Monitoring, Source (LT2)							6	5
Filtered systems									
36	Monitoring, routine/repeat							48	35
41	Treatment techniques					1	1		
Unfiltered systems									
31	Monitoring, routine/repeat							0	0
42	Failure to filter					0	0		
SUBTOTAL SWTR:						1	1	54	40

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
INTERIM ENHANCED SURFACE WATER TREATMENT RULE (IESWTR)									
Filtered systems									
38	Monitoring, routine/repeat							1	1
37	TT, Failure to Consult					0	0		
43	TT, CFE Exceeds 1 NTU					2	2		
44	TT, CFE Monthly Exceedance					1	1		
47	TT, Construction of Uncovered Finished Water Storage					0	0		
SUBTOTAL IESWTR:						3	3	1	1

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
ORGANIC CONTAMINANTS (OC)									
2981	1,1,1-Trichloroethane	0.2	0.03	0	0			56	43
2988	1,1,2,2-Tetrachloroethane		0.001	0	0	0	0	0	0
2985	1,1,2-Trichloroethane	0.005	0.003	0	0			56	43
2978	1,1-Dichloroethane		0.05	0	0	0	0	0	0
2977	1,1-Dichloroethylene	0.007	0.002	0	0			56	43
2378	1,2,4-Trichlorobenzene	0.07	0.009	0	0			56	43
2931	1,2-Dibromo-3-chloropropane (DBCP)	0.0002		0	0			1	1
2968	1,2-Dichlorobenzene	0.6		0	0			56	43
2980	1,2-Dichloroethane	0.005	0.002	0	0			56	43
2983	1,2-Dichloropropane	0.005		0	0			56	43
2967	1,3-Dichlorobenzene		0.6	0	0	0	0	0	0

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
2969	1,4-Dichlorobenzene	0.075		0	0			56	43
2063	2,3,7,8-TCDD (Dioxin)	$3x10^{-8}$		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	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			56	43
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			56	43
2959	Chlordane	0.002	0.0005	Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2380	Cis-1,2-Dichloroethylene	0.07		0	0			56	43

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. 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-ethylhelxyl)phthalate	0.006		Statewide waiver	Statewide waiver			2	1
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			56	43
2946	Ethylene dibromide (EDB)	0.00005		0	0			2	2
2034	Glyphosate	0.7		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
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
2042	Hexachlorocyclopenta diene	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
2251	Methyl tertiary-butyl ether		0.07	0	0	0	0	1	1
2964	Methylene chloride	0.005	0.003	0	0			56	48
2989	Monochlorobenzene	0.1	0.05	0	0			56	43
2248	Napthalene		0.3	0	0	0	0	1	1
2036	Oxamyl	0.2		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2326	Pentachlorophenol	0.001		0	0			0	0

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
2040	Picloram	0.5		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2037	Simazine	0.004		Statewide waiver	Statewide water			Statewide waiver	Statewide waiver
2996	Styrene	0.1		0	0			56	43
2987	Tetrachloroethylene	0.005	0.001	0	0			56	43
2991	Toluene	1		0	0			56	43
2383	Total polychlorinated biphenyls	0.0005		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2020	Toxaphene	0.003		Statewide waiver	Statewide waiver			Statewide waiver	Statewide waiver
2979	Trans-1,2-Dichloroethylene	0.1		0	0			56	43
2984	Trichloroethylene	0.005	0.001	0	0			56	43
2976	Vinyl chloride	0.002		0	0			56	43
2955	Xylenes (total)	10	1	0	0			57	44
SUBTOTAL OC:				0	0	0	0	1127	50 (multiple violations per system)

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
INORGANIC CONTAMINANTS (IOC)									
1074	Antimony	0.006		0	0			0	0
1005	Arsenic	0.01	0.005	0	0			10	9
1094	Asbestos	7 million fibers/l >10 μ m/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			2	2
1025	Fluoride	4.0		0	0			0	0
1035	Mercury	0.002		0	0			6	2
1036	Nickel							0	0

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
1040	Nitrate	10 (as Nitrogen)		31	22			137	119
1041	Nitrite	1 (as Nitrogen)		0	0			13	13
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 IOC:				31	22	0	0	168	145

RADIONUCLIDES (RADS)									
4000	Gross alpha	15 pCi/l		14	6			19	13
4010	Radium-226 and -228	5 pCi/l		9	4			20	14
4020	Radium-226							14	11

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
4030	Radium-228							14	11
4101	Gross beta	4 mrem/yr		0	0			0	0
4006	Uranium	30 µg/l		0	0			20	14
SUBTOTAL RADS:				23	10			87	63

LEAD AND COPPER RULE (LCR)									
PB	Lead	15 µg/l		32	29	0	0		
CU	Copper	1,300 µg/l		20	17	0	0		
51	Initial lead and copper tap							1	1
52	Follow-up or routine tap							46	45
53	Water quality parameter							117	62

		MCL/MRDL* (mg/l)		MCL Violations		Treatment Techniques		Significant Monitoring/Reporting	
SDWIS CODES	Contaminant or Violation Type Description	Federal MCL/ MRDL	State MCL/ MRDL (if different)	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations	No. of Violations	No. of Systems w/ Violations
56	Initial/follow-up/routine							13	10
58,62	Treatment installation					1	1		
57	Submit CCT for NC							7	7
59	WQP Level Non-compliance					9	6		
65	Public Education							6	6
66	Lead Consumer Notice							63	63
	SUBTOTAL LCR			52	46	10	7	253	122

CONSUMER CONFIDENCE REPORTS (CCR)									
71	Significant Consumer Notification Violations							32	32
	SUBTOTAL CCR:							32	32

Definitions for Violations Table

The following definitions apply to the 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 1/2 Disinfectants and Disinfection Byproducts Rule (Stage 1/2 DBPR): This rule applies to all community water systems and non-transient non-community water system that add a chemical disinfectant in any part of the drinking water treatment process and transient non-community water system using chlorine dioxide The Stage 1/2 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 1/2 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 1/2 DBPR.

Revised Total Coliform Rule: The Revised Total Coliform Rules updated established regulations for microbiological contaminants in drinking water. States report the following types of violations:

E. coli Positive MCL: SDWIS Violation Code 1A indicates that the system found *E. coli*, potentially harmful bacteria, in its water, thereby violating the rule.

Treatment Technique Violation: SDWIS Violation Codes 2A or 2B shows that a system has failed to complete the required Level 1 or Level 2 assessment.

Major Routine and Additional Monitoring Violations: SDWIS Violation Codes 3A and 3B shows that a system did not perform the required monitoring.

Reporting Violation: SDWIS Violation Code 4B shows that the system performed required monitoring but did not report the results before the 10th day of the following month.

Sampling Siting Plan: SDWIS Violation Code 5A shows that the system failed to produce a completed sample siting plan upon request by the State or administrative authority.

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.

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.

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0702001	BLOOMFIELD WATER DEPARTMENT	2456	TOTAL HALOACETIC ACIDS (HAA5)	02	MCL, LRAA	01-Jan-17	31-Mar-17	
NJ0702001	BLOOMFIELD WATER DEPARTMENT	2456	TOTAL HALOACETIC ACIDS (HAA5)	02	MCL, LRAA	01-Apr-17	30-Jun-17	
NJ0702001	BLOOMFIELD WATER DEPARTMENT	2456	TOTAL HALOACETIC ACIDS (HAA5)	02	MCL, LRAA	01-Jul-17	30-Sep-17	
NJ0702001	BLOOMFIELD WATER DEPARTMENT	2456	TOTAL HALOACETIC ACIDS (HAA5)	02	MCL, LRAA	01-Oct-17	31-Dec-17	
NJ0305001	BURLINGTON CITY WATER DE	2950	TTHM	02	MCL, LRAA	01-Oct-17	31-Dec-17	
NJ0301001	BUTTONWOOD MOBILE HOME PARK	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	
NJ0301001	BUTTONWOOD MOBILE HOME PARK	4010	COMBINED RADIUM (-226 & -228)	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	
NJ0301001	BUTTONWOOD MOBILE HOME PARK	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	
NJ0301001	BUTTONWOOD MOBILE HOME PARK	4010	COMBINED RADIUM (-226 & -228)	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	
NJ1518003	CEDAR GLEN WEST WATER CO	4010	COMBINED RADIUM (-226 & -228)	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	
NJ1518003	CEDAR GLEN WEST WATER CO	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	
NJ1710304	EAGLEVIEW HEALTH & REHABILITATION	4010	COMBINED RADIUM (-226 & -228)	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	
NJ1710304	EAGLEVIEW HEALTH & REHABILITATION	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1710304	EAGLEVIEW HEALTH & REHABILITATION	4010	COMBINED RADIUM (-226 & -228)	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	
NJ1710304	EAGLEVIEW HEALTH & REHABILITATION	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	
NJ1710304	EAGLEVIEW HEALTH & REHABILITATION	4010	COMBINED RADIUM (-226 & -228)	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	
NJ1710304	EAGLEVIEW HEALTH & REHABILITATION	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	
NJ1710304	EAGLEVIEW HEALTH & REHABILITATION	4010	COMBINED RADIUM (-226 & -228)	02	MCL, AVERAGE	01-Oct-17	31-Dec-17	
NJ1710304	EAGLEVIEW HEALTH & REHABILITATION	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Oct-17	31-Dec-17	
NJ0211001	ELMWOOD PARK WATER DEPT	2950	TTHM	02	MCL, LRAA	01-Jan-17	31-Mar-17	26-Jun-17
NJ1710007	HOLLY TREE ACRES MHP SYS 2	1040	NITRATE	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	
NJ1710002	HOLLY TREE ACRES SYSTEM 1	1040	NITRATE	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	
NJ1710002	HOLLY TREE ACRES SYSTEM 1	1040	NITRATE	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	
NJ1710002	HOLLY TREE ACRES SYSTEM 1	1040	NITRATE	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	
NJ1710002	HOLLY TREE ACRES SYSTEM 1	1040	NITRATE	02	MCL, AVERAGE	01-Oct-17	31-Dec-17	
NJ0805003	MALAGA VILLA APARTMENTS	4010	COMBINED RADIUM (-226 & -228)	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	
NJ0805003	MALAGA VILLA APARTMENTS	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	
NJ0805003	MALAGA VILLA APARTMENTS	4010	COMBINED RADIUM (-226 & -228)	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1915001	NEWTON WATER & SEWER UTILITY	2950	TTHM	02	MCL, LRAA	01-Apr-17	30-Jun-17	
NJ1915001	NEWTON WATER & SEWER UTILITY	2950	TTHM	02	MCL, LRAA	01-Oct-17	31-Dec-17	
NJ1921001	SUSSEX W DEPT	2950	TTHM	02	MCL, LRAA	01-Jan-17	31-Mar-17	
NJ1921001	SUSSEX W DEPT	2456	TOTAL HALOACETIC ACIDS (HAA5)	02	MCL, LRAA	01-Jan-17	31-Mar-17	
NJ1921001	SUSSEX W DEPT	2456	TOTAL HALOACETIC ACIDS (HAA5)	02	MCL, LRAA	01-Apr-17	30-Jun-17	
NJ1924006	TOWN CENTER AT WANTAGE	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Nov-17	30-Nov-17	26-Dec-17
NJ1111001	TRENTON WATER WORKS	2456	TOTAL HALOACETIC ACIDS (HAA5)	02	MCL, LRAA	01-Oct-17	31-Dec-17	
NJ0614005	UNITED MOBILE HOMES OF VINELAND	1040	NITRATE	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	5-Jan-18
NJ0614005	UNITED MOBILE HOMES OF VINELAND	1040	NITRATE	02	MCL, AVERAGE	01-Oct-17	31-Dec-17	5-Jan-18

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0108009	STONEY FIELD MOBILE HOME PARK	5000	LEAD & COPPER RULE	59	WQP LEVEL NON-COMPLIANCE (LCR)	1-Jan-17	30-Jun-17	
NJ0108009	STONEY FIELD MOBILE HOME PARK	5000	LEAD & COPPER RULE	59	WQP LEVEL NON-COMPLIANCE (LCR)	1-Jul-17	31-Dec-17	
NJ1921001	SUSSEX W DEPT	100	TURBIDITY	43	SINGLE COMB FLTR EFFLUENT (IESWTR/LT1)	1-Oct-17	31-Oct-17	31-Dec-17
NJ1111001	TRENTON WATER WORKS	999	CHLORINE	41	RES DISINFECT CONCENTRATION (SWTR)	1-Jun-17	30-Jun-17	31-Jul-17
NJ1111001	TRENTON WATER WORKS	300	IESWTR	44	MONTHLY COMB FLTR EFFLUENT (IESWTR/LT1)	1-Oct-17	31-Oct-17	30-Nov-17

APPENDIX D COMMUNITY WATER SYSTEM 2017ACTION LEVEL EXCEEDANCES

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0702001	BLOOMFIELD WATER DEPARTMENT	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-15	31-Dec-17	
NJ0303001	BORDENTOWN WATER DEPARTM	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jul-17	31-Dec-17	
NJ1435001	HOFFMAN HOMES	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-15	31-Dec-17	
NJ1415002	KINNELON WATER DEPT	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-15	31-Dec-17	
NJ1922305	LEGENDS RESORT & COUNTRY CLUB	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-17	30-Jun-17	26-Apr-18
NJ1922305	LEGENDS RESORT & COUNTRY CLUB	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jul-17	31-Dec-17	26-Apr-18
NJ1019311	LITTLE BROOK NURSING HOM	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-17	30-Jun-17	
NJ1912300	LOCOR LAKEFRONT LODGING	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-15	31-Dec-17	
NJ1212001	MILLTOWN W DEPT	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-17	30-Jun-17	
NJ1427015	MT OLIVE TWP TINC FARM	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	1-Jul-17	31-Dec-17	
NJ1427008	MT OLIVE TWP WD PINECREST	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	1-Jul-17	31-Dec-17	

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0714001	NEWARK WATER DEPARTMENT	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-17	30-Jun-17	
NJ0714001	NEWARK WATER DEPARTMENT	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jul-17	31-Dec-17	
NJ0111006	SHADY PINES CAMPING RESORT	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	1-Jan-17	30-Jun-17	
NJ0111006	SHADY PINES CAMPING RESORT	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	1-Jul-17	31-Dec-17	
NJ1006300	TEEN CHALLENGE	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	1-Jan-17	30-Jun-17	
NJ1111001	TRENTON WATER WORKS	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-17	30-Jun-17	
NJ1615006	WEST MILFORD TWP MUA PARKWAY	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-15	31-Dec-17	
NJ0821001	WESTVILLE WATER DEPARTMENT	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	1-Jan-15	31-Dec-17	
NJ1615022	WOODLAND HEIGHTS HOMEOWNERS ASSOCIATION	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	1-Jan-15	31-Dec-17	

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0805459	ANGIES MARKET	1040	NITRATE	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	2-Nov-17
NJ2105315	ASBURY COFFEE MILL, LLC	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Mar-17	31-Mar-17	24-Apr-17
NJ0105398	BUILDING BLOCKS LEARNING CENTER II	1040	NITRATE	01	MCL, SINGLE SAMPLE	01-Jan-17	31-Dec-17	22-Jan-18
NJ1910302	CAMP AUXILIUM	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Aug-17	31-Aug-17	12-Sep-17
NJ1911305	CAVA WINERY	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Oct-17	31-Oct-17	2-Nov-17
NJ1914334	CEDAR RIDGE CAMPGROUND	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Oct-17	31-Oct-17	20-Apr-18
NJ1438346	CENTENARY COLLEGE-EQUESTRIAN CENTER	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Jul-17	31-Jul-17	23-Jan-18
NJ1438346	CENTENARY COLLEGE-EQUESTRIAN CENTER	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Aug-17	31-Aug-17	23-Jan-18
NJ1924318	CLIFTON E LAWRENCE SCHOOL	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Jun-17	30-Jun-17	5-Sep-17
NJ0610314	CUSTARD CORAL	1040	NITRATE	02	MCL, AVERAGE	1-Apr-17	30-Jun-17	
NJ0610314	CUSTARD CORAL	1040	NITRATE	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	
NJ0436412	D & S STEAKS	1040	NITRATE	02	MCL, AVERAGE	1-Jan-17	31-Mar-17	5/4/2017
NJ0603323	DEERFIELD TWP ELKS LODGE #733	1040	NITRATE	02	MCL, AVERAGE	1-Jan-17	31-Mar-17	8-Jun-17

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ2116342	EDHARD CORP	1040	NITRATE	02	MCL, AVERAGE	01-Oct-17	31-Dec-17	
NJ0612303	ENRICOS ITALIAN CUCINA AND DELI	1040	NITRATE	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	
NJ0612303	ENRICOS ITALIAN CUCINA AND DELI	1040	NITRATE	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	
NJ0612303	ENRICOS ITALIAN CUCINA AND DELI	1040	NITRATE	02	MCL, AVERAGE	01-Oct-17	31-Dec-17	
NJ1022366	FIDLERS ELBOW GOLF COURSE	1040	NITRATE	02	MCL, AVERAGE	01-Jan-17	31-Dec-17	22-Sep-17
NJ0613320	FRANCOS PLACE	1040	NITRATE	01	MCL, SINGLE SAMPLE	01-Jan-17	31-Mar-17	26-Sep-17
NJ1008314	FRANKS PIZZA	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	1-Feb-17	28-Feb-17	
NJ2114316	J P KELLYS	1040	NITRATE	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	19-Jan-18
NJ2114316	J P KELLYS	1040	NITRATE	02	MCL, AVERAGE	01-Oct-17	31-Dec-17	
NJ0613330	K&R VENDING	1040	NITRATE	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	28-Nov-17
NJ1106385	LUKOIL STATION #57703	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Jul-17	31-Jul-17	10-Aug-17
NJ1022329	MANGIA BELLA	1040	NITRATE	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	7-Sep-17
NJ0614300	OLD VINELAND TAVERN	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	1-Jun-17	30-Jun-17	2/15/2018
NJ1106338	PENNINGTON CHILDREN ACADEMY	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Jul-17	31-Jul-17	28-Aug-17
NJ1922337	PIZZA PROS INC	1040	NITRATE	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	13-Jun-17
NJ1711301	QUINTON TWP ELEM SCHOOL	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Mar-17	31-Mar-17	31-May-17
NJ0613308	RED BARN DELI, THE	1040	NITRATE	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	
NJ0613308	RED BARN DELI, THE	1040	NITRATE	02	MCL, AVERAGE	01-Oct-17	31-Dec-17	

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0105334	SAVOY INN	1040	NITRATE	02	MCL, AVERAGE	1-Apr-17	30-Jun-17	10/11/2017
NJ1802305	SCPC STABLE FACILITY	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Nov-17	30-Nov-17	3-Mar-18
NJ0611302	SHILOH MARKET	1040	NITRATE	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	31-Aug-17
NJ0505392	SNUG HARBOR MARINA	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	1-Oct-17	31-Oct-17	
NJ1918352	SUSSEX CTY CHARTER SCHOOL - B	1040	NITRATE	02	MCL, AVERAGE	01-Jan-17	31-Dec-17	30-May-17
NJ1319408	TALMUDICAL ACADEMY	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Sep-17	30-Sep-17	31-Oct-17
NJ1435310	TELEMARK TAVERN	1040	NITRATE	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	16-Oct-17
NJ0607328	THE GREATER BRIDGETON AMISH MARKET	1040	NITRATE	02	MCL, AVERAGE	1-Jul-17	30-Sep-17	
NJ0722304	THE MANOR RESTAURANT	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Oct-17	31-Oct-17	
NJ1908315	TRANQUILITY ADVENTIST SCHOOL	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Jan-17	31-Jan-17	14-Sep-17
NJ1615312	UPPER GREENWOOD LK ELEM SCHOOL	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	14-Feb-18
NJ1615312	UPPER GREENWOOD LK ELEM SCHOOL	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	14-Feb-18
NJ2113310	US GAS AND DIESEL	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	01-Jan-17	31-Jan-17	20-Feb-17
NJ1106329	WASHINGTON CROSS SP GREEN GROVE PIC AREA	3014	E. COLI	1A	MCL, E. COLI, POS E. COLI (RTCR)	1-Jun-17	30-Jun-17	
NJ0435375	WATERFORD ELEMENTARY SCHOOL	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Jan-17	31-Mar-17	
NJ0435375	WATERFORD ELEMENTARY SCHOOL	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Apr-17	30-Jun-17	

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0435375	WATERFORD ELEMENTARY SCHOOL	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Jul-17	30-Sep-17	
NJ0435375	WATERFORD ELEMENTARY SCHOOL	4000	GROSS ALPHA, EXCL. RADON & U	02	MCL, AVERAGE	01-Oct-17	31-Dec-17	

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0506338	ADVENTURE BOUND CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	24-Apr-17	24-Apr-17
NJ1505375	AIR PARK EMERGENCY SERVICES	5000	LEAD & COPPER RULE	58	OCCT/SOWT INSTALL DEMONSTRATION (LCR)	20-Dec-16	24-Jan-17	24-Jan-17
NJ0605321	AKILLI CAPPS PICNIC PARK	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1615451	AMERICAN LEGION POST #289	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	07-Oct-17		
NJ1016310	ARITES BAR & GRILL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	19-Sep-17		
NJ1016310	ARITES BAR & GRILL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	02-Oct-17	03-Nov-17	3-Nov-17
NJ2105315	ASBURY COFFEE MILL, LLC	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR)	18-Apr-17		30-Oct-17
NJ0511372	BAY BERRY COVE CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	14-Apr-17	
NJ1923309	BEAR CREEK CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	18-Nov-17	01-Dec-17	1-Dec-17
NJ1924359	BEEMERVILLE ORCHARDS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	23-Oct-16	7-Apr-17	7-Apr-17
NJ0336315	BEL HAVEN CAMPGROUND - C	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Apr-17	21-Apr-17	
NJ0336313	BEL HAVEN CAMPGROUND-(MA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Apr-17	21-Apr-17	

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0336314	BEL HAVEN CAMPGROUND-SEC	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Apr-17	21-Apr-17	
NJ0336316	BEL HAVEN CG-SECTION F	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Apr-17	21-Apr-17	
NJ2123317	BEL-PIKE LANES	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	9-Mar-17	30-Apr-17	30-Apr-17
NJ0233314	BERGEN CNTY CAMPGAW MOUNT RESERVATION (D	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	17-Apr-17	17-May-17	
NJ0339301	BILLY BOYS FOUR MILE TAVERN	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	02-Sep-17	26-Dec-17	26-Dec-17
NJ1332369	BLACK BEAR LAKE DAY CAMP #1	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Mar-17	10-Apr-18	10-Apr-18
NJ2104341	BLAIRSTOWN MUNICIPAL BUILDING	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	2-Dec-16	4-Jan-17	4-Jan-17
NJ1701321	BOY SCOUT CAMP GRICE	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ0505350	BREE-ZEE-LEE MARINA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Apr-17		
NJ2104315	BUCK HILL BREWERY & RESTAURANT	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	02-Sep-17	26-Oct-17	26-Oct-17
NJ0105300	BUENA REGIONAL HIGH SCHO	5000	LEAD & COPPER RULE	59	WQP LEVEL NON-COMPLIANCE (LCR)	01-Jul-17	31-Dec-17	27-Feb-18
NJ1808374	BUNKER HILL LUTHERAN CHURCH	700	GROUNDWATER RULE	48	FAILURE TO ADDRESS CONTAMINATION (GWR)	1-Jun-15	3-Jan-17	3-Jan-17
NJ0505310	CAPE ISLAND RESORT	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	05-May-17	5-May-17
NJ0506305	CAPE SHORES RESORT	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-May-17		

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0603316	CARMEL PLAZA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	5-Nov-16	21-Aug-17	21-Aug-17
NJ1914334	CEDAR RIDGE CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR)	28-Nov-17	02-Feb-18	2-Feb-18
NJ1914332	CEDAR RIDGE CAMPGROUND #1	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	18-Sep-17	02-Feb-18	2-Feb-18
NJ1914332	CEDAR RIDGE CAMPGROUND #1	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	16-Oct-17	02-Feb-18	2-Feb-18
NJ1914332	CEDAR RIDGE CAMPGROUND #1	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	07-Nov-17	02-Feb-18	2-Feb-18
NJ1914335	CEDAR RIDGE CAMPGROUND #4	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-May-17		
NJ1406330	CHESTER COMMUNITY POOL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ0120311	CHESTNUT LAKE CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	06-Apr-17	
NJ1006337	CLINTON PLAZA PROF BLDG	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR)	23-Sep-16	19-Dec-17	19-Dec-17
NJ1309316	COLTS NECK PIZZERIA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	28-Jul-16	28-Dec-17	28-Dec-17
NJ0111445	CONOVER CENTER LLC	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1414396	COTTAGE DELI	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	12-Oct-17		
NJ1427334	COUNTRY FARMS	700	GROUNDWATER RULE	48	FAILURE TO ADDRESS CONTAMINATION (GWR)	14-Apr-14	30-Oct-17	30-Oct-17
NJ1427334	COUNTRY FARMS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR)	28-Aug-16	12-Oct-17	12-Oct-17

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0307303	COUNTRY POOL CLUB	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ2003300	CRANFORD SWIM & TENNIS CLUB	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	08-Sep-17		
NJ1511319	CREAM RIDGE CHICKEN HOLIDAY	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	7-Jan-17	6-Jun-17	6-Jun-17
NJ0614347	CUMBERLAND FAMILY CTR - WAREHOUSE WELL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	09-Sep-17	02-Nov-17	2-Nov-17
NJ0105324	DALPONTE/RICHLAND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	06-Nov-17		
NJ1923310	DELAWARE WATER GAP NRA RIVER BEND CAMPGR	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	5-May-17	6-Apr-18	6-Apr-18
NJ0805378	DELSEA REGIONAL HIGH SCH	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	3-Jan-17	30-Mar-17	30-Mar-17
NJ2109322	DEPT OF INTERIOR/DELAWARE WATER GAP NRA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-May-17	18-Apr-18	18-Apr-18
NJ0332332	DINGLETOWN RECREATION COMPLEX	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Apr-17	02-May-17	2-May-17
NJ0602319	DOLLAR GENERAL #13854	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	08-Sep-17	28-Sep-17	28-Sep-17
NJ0504334	DRIFTWOOD CG-WELL #2-BACK	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	17-Apr-17	17-Apr-17
NJ1711308	EARLY MORNING START CAFE	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	24-Sep-17		
NJ1008301	EAST AMWELL SCHOOL DISTRICT	5000	LEAD & COPPER RULE	59	WQP LEVEL NON-COMPLIANCE (LCR)	01-Jan-17	30-Jun-17	26-Oct-17

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1008301	EAST AMWELL SCHOOL DISTRICT	5000	LEAD & COPPER RULE	59	WQP LEVEL NON-COMPLIANCE (LCR)	01-Jul-17	31-Dec-17	27-Feb-18
NJ1022389	EAST WHITEHOUSE FIRE COMPANY	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	24-Jun-17	29-Aug-17	29-Aug-17
NJ0117330	ELWOOD DELI	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	25-Jun-17		
NJ2122312	ERNIE & DOMS PIZZERIA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR)	26-Aug-16	10-Apr-17	10-Apr-17
NJ1806333	EVOLUTION TRAINING CENTER	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	14-Nov-17	27-Apr-18	27-Apr-18
NJ2104344	FIRST HOPE BANK	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	15-Dec-17	12-Feb-18	9-Nov-17
NJ1009300	FLEMINGTON RARITAN COMMUNITY POOL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1709306	FOUR SEASONS CG - #1	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-May-17	09-Apr-18	9-Apr-18
NJ0805382	FRANKLIN TWP RECREATION	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1008314	FRANKS PIZZA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR)	21-Mar-17		
NJ1008314	FRANKS PIZZA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	11-Nov-17		
NJ1016315	GINNYS CAFE	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	1-Dec-16	15-Dec-17	15-Dec-17
NJ1106408	GRAVITY HILL FARMS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	11-Nov-17		
NJ0436470	GREAT TIMES DAY CAMP	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-May-17		

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0506342	GREEN HOLLY CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	20-May-17	13-Apr-18	13-Apr-18
NJ1438304	HACKLEBARNEY STATE PARK	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	11-May-17	13-Jul-17	13-Jul-17
NJ0418300	HADDON GLEN SWIM CLUB	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	11-Nov-17		
NJ2110302	HARKERS HOLLOW GOLF CLUB	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR)	18-May-17	19-Mar-18	19-Mar-18
NJ2110302	HARKERS HOLLOW GOLF CLUB	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	09-Oct-17	19-Mar-18	19-Mar-18
NJ1413304	HAROLD THORPE	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	12-Aug-17	28-Jul-17	28-Jul-17
NJ0816307	HILL CREEK FARMS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Jul-17		
NJ0505311	HOLLY SHORES CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	21-Apr-17		
NJ0117331	HOMESTEAD RESIDENTIAL HEALTH CARE	5000	LEAD & COPPER RULE	59	WQP LEVEL NON-COMPLIANCE (LCR)	01-Jul-17	31-Dec-17	
NJ1326375	JAKES CREE MEE FREEZE TOO	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Mar-17		
NJ1414327	JEFFERSON DAIRY	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		28-Mar-17
NJ0811353	JEHOVAHS WITNESS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	08-Aug-17	13-Oct-17	13-Oct-17
NJ1022369	JERRYS BROOKLYN GRILL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	9-Sep-16	21-Apr-17	21-Apr-17

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ2122333	JOHN JOHNSON CHRYSLER DODGE JEEP & RAM	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	19-Nov-17		
NJ1002313	JUGSTOWN MT CAMPSITES	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Apr-17		
NJ2113341	KITTATINNY VISITOR CENTER	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-Apr-17	18-Apr-18	18-Apr-18
NJ1414394	LAKEVIEW MOTEL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	21-Sep-17	01-Nov-17	1-Nov-17
NJ2105307	LAWRENCEVILLE SCHOOL CAMPUS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-Apr-17		
NJ1021417	LENAPE PARK	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	20-Mar-18	20-Mar-18
NJ0434307	LIBRARY II RESTAURANT	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	08-Jul-17	09-Aug-17	9-Aug-17
NJ1006325	LOS CHILITOS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	5-Nov-16	7-Feb-17	7-Feb-17
NJ1006325	LOS CHILITOS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	7-Oct-16	7-Feb-17	7-Feb-17
NJ1332339	LUCHENTOS ITALIAN RESTAURANT	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR)	2-Dec-16	30-Mar-17	30-Mar-17
NJ0112355	MACRIE BROTHERS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	18-Sep-16	23-Dec-17	23-Dec-17
NJ1902361	MANOR PLAZA CONDO ASSOCIATION COMPLEX	5000	LEAD & COPPER RULE	59	WQP LEVEL NON-COMPLIANCE (LCR)	01-Jan-17	30-Jun-17	13-Mar-18
NJ1902361	MANOR PLAZA CONDO ASSOCIATION COMPLEX	5000	LEAD & COPPER RULE	59	WQP LEVEL NON-COMPLIANCE (LCR)	01-Jul-17	31-Dec-17	13-Mar-18
NJ1414330	MARIOS PIZZA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	29-Dec-17	02-Feb-18	2-Feb-18

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0506421	MEADOW BROOK MOTEL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ0335312	MEDFORD FARMS VOL FIRE C	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	27-Oct-16	27-Sep-17	27-Sep-17
NJ0505349	MILL CREEK MARINA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Apr-17		
NJ1332306	MILLSTONE MALL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	26-Oct-17		
NJ1922331	MIXING BOWL DELI	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	21-Jul-17		
NJ1922331	MIXING BOWL DELI	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	21-Sep-17		
NJ1008305	MOMS RESTAURANT	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	07-Aug-17	31-Aug-17	31-Aug-17
NJ0722301	MONTCLAIR GOLF COURSE	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	20-Jan-17	19-Jun-17	19-Jun-17
NJ1920313	MOUNTAIN SHADOWS LAKE I	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-Jun-17		22-May-17
NJ1615422	NEWARK WATERSHED CONSERVATION	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	13-Jun-17	13-Jun-17
NJ1436365	NJDOT @ ROXBURY CORP CENTER	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	13-Aug-17		
NJ0506337	NORTH WILDWOOD CG-WELL #	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	24-Apr-17	24-Apr-17
NJ0804324	OLD CEDAR CAMPGROUND WELL # 1	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Mar-17		
NJ0506339	OLD STAGECOACH CG-WELLS 1 & 2	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Jun-17		

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1024318	OLDWICK FARM MARKET	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	18-Feb-17	6-Mar-17	6-Mar-17
NJ1332387	OLIVIA'S	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ0333325	ORIGINAL TONYS PIZZA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	14-Jul-17		
NJ1008304	ORLANDOS CAFE	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	20-Sep-17	03-Aug-17	3-Aug-17
NJ1710313	PARVIN STATE PARK - ISLAND POINT	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-May-17	16-Mar-18	16-Mar-18
NJ1710314	PARVIN STATE PARK - JAGGERS POINT	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	16-Mar-18	16-Mar-18
NJ1710312	PARVIN STATE PARK - THUNDERGUST	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	16-Mar-18	16-Mar-18
NJ1713301	PEOPLES TAVERN	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	10-Apr-17		
NJ1713301	PEOPLES TAVERN	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	14-May-17		
NJ1917335	PETERS VALLEY CRAFTSMAN	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-May-17		
NJ2107320	PIZZA EXPRESS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	12-Aug-17		
NJ0511314	PLANTATION CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1007307	PLAZA 12 WEST	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	16-Jul-16	13-Oct-17	13-Oct-17
NJ0506320	PONDEROSA CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	29-Mar-18	29-Mar-18

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1918312	PRINTING CENTER	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	11-Oct-17	16-Nov-17	16-Nov-17
NJ2123351	QUICK CHEK #5	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	24-Jul-17		
NJ0333322	RED TOP FARM MARKET	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	03-Apr-18	3-Apr-18
NJ2123323	RED WOLFE INN	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	09-Dec-17		
NJ1332356	REMMINGTONS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	12-Sep-17		
NJ0504305	RESORT CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	15-Apr-17		
NJ1021318	RINGOES DINER	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	04-Jun-17	03-Apr-18	3-Apr-18
NJ1019326	RITAS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-May-17		
NJ1709325	RITE AID CORP	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	06-Nov-17		
NJ1436368	ROXBURY BUSINESS CAMPUS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	06-Nov-17	07-Nov-17	18-Sep-17
NJ1810341	ROYCEFIELD SWIM CLUB	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1709331	SALEM COUNTY FAIRGROUNDS	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1713306	SALEM COUNTY SPORTSMENS CLUB	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	3-Jan-17		
NJ1713313	SALEM COUNTY SPORTSMENS CLUB-BEACH HOUSE	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1713308	SALEM COUNTY SPORTSMENS CLUB-PICNIC AREA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1001309	SALVATION ARMY CAMP TECUMSEH	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1917321	SANDYSTON-WALPACK SCHOOL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR)	14-Aug-17	15-Aug-17	15-Aug-17
NJ1802305	SCPC STABLE FACILITY	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR)	22-Dec-17	25-Jan-18	25-Jan-18
NJ1001302	SKY MANOR AIRPORT REST	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	12-Aug-17	10-Oct-17	10-Oct-17
NJ0505392	SNUG HARBOR MARINA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR)	01-Dec-17		
NJ0818450	SOLLENAS PIZZA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	20-Jul-17	20-Oct-17	20-Oct-17
NJ0108386	SOMERSET COVE MARINE	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	25-May-17	16-Mar-18	16-Mar-18
NJ0824311	SORBELLO FARM LLC	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1106367	ST GEORGE R C CHURCH	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	10-Dec-17	14-Feb-18	27-Oct-17
NJ1332365	ST. JOSEPHS CHURCH	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	28-Nov-17		
NJ1427303	STEPHENS STATE PARK	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	12-Mar-18	12-Mar-18
NJ1006356	STEWARTS ROOT BEER	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1904325	STONEWOOD TAVERN	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	05-Jun-17	12-Jul-17	12-Jul-17

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1904325	STONEWOOD TAVERN	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	01-Jul-17	12-Jul-17	12-Jul-17
NJ2116324	SUNMART SUNOCO STATION & CONVENIENCE STO	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	16-Oct-17		15-Feb-18
NJ0504326	TAMERLANE CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		
NJ1708300	THE CHEMOURS COMPANY FC LLC	100	TURBIDITY	43	SINGLE COMB FLTR EFFLUENT (IESWTR/LT1)	1-Apr-17	30-Apr-17	5-Feb-18
NJ0112312	THE HOTT SPOT	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	10-Feb-17		
NJ1022356	THE RAIL AT READINGTON	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	19-Sep-17		
NJ1917323	THUNDER MOUNTAIN CRAFT CENTER	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-May-17		
NJ1019334	TONYS BISTRO	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR)	24-Jun-16	26-Nov-17	26-Nov-17
NJ1809306	TOWER PLAZA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	12-Aug-17	27-Jul-17	27-Jul-17
NJ2114321	TOWNSHIP OF LIBERTY	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	26-Nov-16	29-Mar-17	29-Mar-17
NJ1908315	TRANQUILITY ADVENTIST SCHOOL	0700	GROUNDWATER RULE	48	FAILURE TO ADDRESS CONTAMINATION (GWR)	25-May-17	14-Sep-17	14-Sep-17
NJ0511305	UPPER TWP MIDDLE SCHOOL	5000	LEAD & COPPER RULE	59	WQP LEVEL NON-COMPLIANCE (LCR)	01-Jul-17	31-Dec-17	
NJ2113310	US GAS AND DIESEL	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR)	18-Mar-17		
NJ1106329	WASHINGTON CROSS SP GREEN GROVE PIC AREA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17		

System Information		Contaminant/Rule		Violation Information				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1106329	WASHINGTON CROSS SP GREEN GROVE PIC AREA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	14-Oct-17	12-Apr-18	12-Apr-18
NJ1106328	WASHINGTON CROSSING SP KNOX GROVE	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Apr-17	06-Apr-18	6-Apr-18
NJ2109317	WATERGATE PICNIC AREA	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-Apr-17	6-Apr-18	6-Apr-18
NJ2123347	WHITE TWP CONCESSION STAND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-May-17	3-Apr-18	3-Apr-18
NJ1922394	WOODLAND TRAILS - CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-Apr-17		
NJ1922394	WOODLAND TRAILS - CAMPGROUND	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	28-Oct-17	29-Jan-18	29-Jan-18
NJ1922378	WOODLAND TRAILS SNACK BAR	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-Apr-17	30-Apr-18	30-Apr-18
NJ1709302	WOODLANES	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	15-Jan-17	4-May-17	4-May-17
NJ1709302	WOODLANES	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	28-Oct-17	15-Feb-18	15-Feb-18
NJ1436377	WOODYS EXXON	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	12-Oct-17		
NJ2109313	WORTHINGTON STATE PARK	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	1-Apr-17	27-Mar-18	27-Mar-18
NJ1217304	WYNNEWOOD SWIM CLUB	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2D	STARTUP PROCEDURES TT (RTCR)	01-Jun-17		
NJ2109320	YMCA CAMP RALPH S. MASON, INC.	8000	REVISED TOTAL COLIFORM RULE (RTCR)	2A	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	14-Nov-16	12-Apr-17	12-Apr-17

APPENDIX G NON-COMMUNITY WATER SYSTEM 2017 ACTION LEVEL EXCEEDANCES

System Information		Contaminant/Rule		Violation Type				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ0614350	ARC OF CUMBERLAND COUNTY - EVANOFF	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-17	30-Jun-17	
NJ0614350	ARC OF CUMBERLAND COUNTY - EVANOFF	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jul-17	31-Dec-17	
NJ1352321	BRIELLE HILLS BLDG #1&2	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-17	30-Jun-17	
NJ0511348	CEDAR SQUARE SHOPPING CENTER	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-15	31-Dec-17	
NJ1406304	CHESTER SPRINGS SHOPPING CENTER	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-17	30-Jun-17	
NJ1427364	ENVIRONMENTAL DEVELOPMENT ASSC	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-15	31-Dec-17	16-Mar-18
NJ1615339	HILLCREST COMMUNITY CENTER	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-17	30-Jun-17	6-Sep-17
NJ1021351	HITRAN CORP	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-17	30-Jun-17	
NJ1706300	JOHN FENWICK REST STOP	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jul-17	31-Dec-17	
NJ1904353	LYNNES NISSAN WEST INC	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-15	31-Dec-17	
NJ1518311	M AND T COMPANY	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-15	31-Dec-17	
NJ1518311	M AND T COMPANY	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-15	31-Dec-17	
NJ1424300	MORRISTOWN MEMORIAL HOSP	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-17	30-Jun-17	
NJ1424300	MORRISTOWN MEMORIAL HOSP	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jul-17	31-Dec-17	

System Information		Contaminant/Rule		Violation Type				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1025326	MOUNTAIN VIEW 78	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-17	30-Jun-17	
NJ1427362	MT OLIVE HIGH SCHOOL	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-15	31-Dec-17	
NJ0117303	MULLICA TWP PRIMARY SCHOOL	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-15	31-Dec-17	
NJ0306306	NATIONAL GYPSUM (GOLD BOND)	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jul-17	31-Dec-17	31-Mar-18
NJ1436329	NJ1881 ROUTE 46	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jul-17	31-Dec-17	
NJ0110309	OLD CASTLE	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jul-17	31-Dec-17	
NJ1415305	OUR LADY OF THE MAGNIFIC	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-17	31-Dec-17	
NJ1107304	PRINCETON RIRIXIN SCHOOL	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-15	31-Dec-17	
NJ1407331	RAINBOW CHILD CARE CENTER	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-15	31-Dec-17	
NJ1427302	SANDSHORE SCHOOL	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-15	31-Dec-17	
NJ0505342	SNOWS/DOXSEE INC.	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-15	31-Dec-17	
NJ1026302	SOUTH HUNTERDON REGIONAL HS	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jan-17	30-Jun-17	
NJ1026302	SOUTH HUNTERDON REGIONAL HS	1022	COPPER, FREE	CU	COPPER ACTION EXCEEDED	01-Jul-17	31-Dec-17	
NJ1026302	SOUTH HUNTERDON REGIONAL HS	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-17	30-Jun-17	
NJ1010311	SOUTH RIDGE COMMUNITY CHURCH	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jul-17	31-Dec-17	
NJ1802313	ST JOHN ON THE MOUNTAIN	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-17	31-Dec-17	
NJ0111310	THE RAMS HEAD INN	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-15	31-Dec-17	

System Information		Contaminant/Rule		Violation Type				
PWSID	PWS Name	Code	Contaminant/Rule Name	Code	Violation Type	Begin Date	End Date	Return to Compliance Date
NJ1022341	WALMART SUPERSTORE #5069	1030	LEAD	PB	LEAD ACTION LEVEL EXCEEDED	01-Jan-15	31-Dec-17	21-Feb-18