2019 ANNUAL COMPLIANCE REPORT

On Public Water Systems

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

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Common Acronyms Used in this Report

Acronym	Definition
1,2,3-TCP	1,2,3-Trichloropropane
AL	Action Level
ALE	Action Level Exceedance
EDB	Ethylene dibromide
DBCP	Dibromochloropropane
HAA5	Halo acetic acids
M&R	Monitoring and Reporting
MCL	Maximum Contaminant Level
MRDL	Maximum residual disinfectant levels
NJDEP	New Jersey Department of Environmental Protection
NTU	Nephelometric Turbidity Units
PFNA	Perfluorononanoic Acid
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane Sulfonic Acid
SDWA	Safe Drinking Water Act
SDWIS/State	Safe Drinking Water Information System
TT	Treatment Technique
TTHM	Total Trihalomethanes
USEPA	United States Environmental Protection Agency

1 INTRODUCTION

The Federal Safe Drinking Water Act (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 specifies that each state shall prepare, make readily available to the public, and submit to the United States Environmental Protection Agency (USEPA) an annual report on violations of national primary drinking water regulations by public water systems in the State, including violations with respect to 1) maximum contaminant levels, 2) treatment requirements, 3) variances and exemptions, and 4) monitoring requirements. Additionally, the State shall publish and distribute summaries of the report and indicate where the full report is available for review.

This report, prepared by the New Jersey Department of Environmental Protection (NJDEP), covers the period of January 1, 2019 to December 31, 2019 and provides details for five (5) categories of violations: exceeding maximum contaminant levels (MCL), exceeding maximum residual disinfectant levels (MRDL), failure to comply with treatment or operational requirements, known as treatment techniques (TT), significant failure to meet monitoring and reporting requirements (M&R), and significant failure to provide public notifications, Lead Consumer Notices and/or Consumer Confidence Reports. Violations of the New Jersey SDWA are also included in this report. Follow-up compliance-related activities associated with these violations through May 28, 2020 are also indicated.

2 OVERVIEW

2.1 DRINKING WATER PROGRAM

Under the Federal SDWA of 1974, and subsequent 1986 and 1996 amendments, the USEPA set national limits on contaminant levels in drinking water, known as MCLs, to ensure drinking water is safe for human consumption. Action levels (AL) for lead and copper and MRDLs for disinfectant residuals were also established, in lieu of MCLs, to control unacceptable levels, and treatment techniques (TT) were established to ensure that follow up activities to address identified issues were conducted. The USEPA also 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 of violations, which must include a clear and understandable explanation of the nature of the violation, the potential adverse health effects, the steps a public water system is taking to correct the violation and, if applicable, 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 under 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, territories, and tribes that have received primacy from the USEPA for all drinking water regulations.

It is significant to note that on September 4, 2018 New Jersey promulgated changes to the New Jersey SDWA rules at N.J.A.C. 7:10-5.2. These rules establish two (2) new State-specific MCLs: 0.013 micrograms per liter (µg/l) for perfluorononanoic acid (PFNA) and 0.030 µg/l for 1,2,3-trichloropropane (1,2,3-TCP). There are now seven (7) additional compounds that are regulated as primary contaminants by New Jersey that do not have a federal MCL. In addition, these rules require nontransient noncommunity water systems to comply with the radiological rule. Monitoring for PFNA, 1,2,3-TCP and radiological contaminants at nontransient noncommunity water systems began in 2019.

Additionally, on January 18, 2019, New Jersey conducted a stakeholder session for potential amendments to the Safe Drinking Water Act rules N.J.A.C. 7-10- 5.2 to establish stringent, health-based drinking water standards for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS), chemicals that are extremely persistent in the environment and have been linked to various health problems in people. The rule was proposed on April 1, 2019 and became effective on June 1, 2020. This rule formally establishes MCLs of 14 parts per trillion (ppt) for PFOA and 13 ppt for PFOS. Monitoring for PFOA and PFOS at all public community and non-transient non-community water systems will begin in the first quarter of 2021.

Within the NJDEP, the Division of Water Supply and Geoscience (Division) has responsibility under both the Federal SDWA and the New Jersey SDWA to assure safe drinking water for citizens and visitors of New Jersey. In addition, the NJDEP has contracts with the County Environmental Health Agencies to assist with the management of these regulations at the county and/or local level. The County Environmental Health Agencies, and in some cases the local health departments, have Administrative Authority over certain classes of systems.

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 health effects within one year. The Division, with support from NJDEP's Water Compliance and Enforcement program, and the County Environmental Health Agencies, continues to make progress in identifying and addressing violations of both the Federal and State SDWAs.

Public water systems with a history of significant non-compliance are targeted through the Division's capacity development strategy, with the aim of assisting these systems with returning to, and remaining in, compliance. The Capacity Development Program utilizes a team approach which allows a variety of staff with different backgrounds and expertise to evaluate and address the specific needs of each water system.

2.2 NEW JERSEY PUBLIC WATER SYSTEM PROFILE

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

Public water systems are divided into community water systems such as private water systems or municipal water systems i.e. "city water" which serve residential populations, and noncommunity water systems that are generally businesses supplied by their own wells. noncommunity water systems are further divided into nontransient noncommunity water systems such as schools or factories with their own wells, and transient noncommunity water systems such as rest stops or parks with their own wells. When the term "public water system", or "public water systems" is used in this report, it refers to all water system types unless otherwise specified.

As of December 31, 2019, New Jersey identified 3,605 active public water systems in its inventory, including 574 community water systems, 694 nontransient noncommunity water systems, and 2,337 transient noncommunity water systems. Figure 1 shows the percent of public water systems by type.

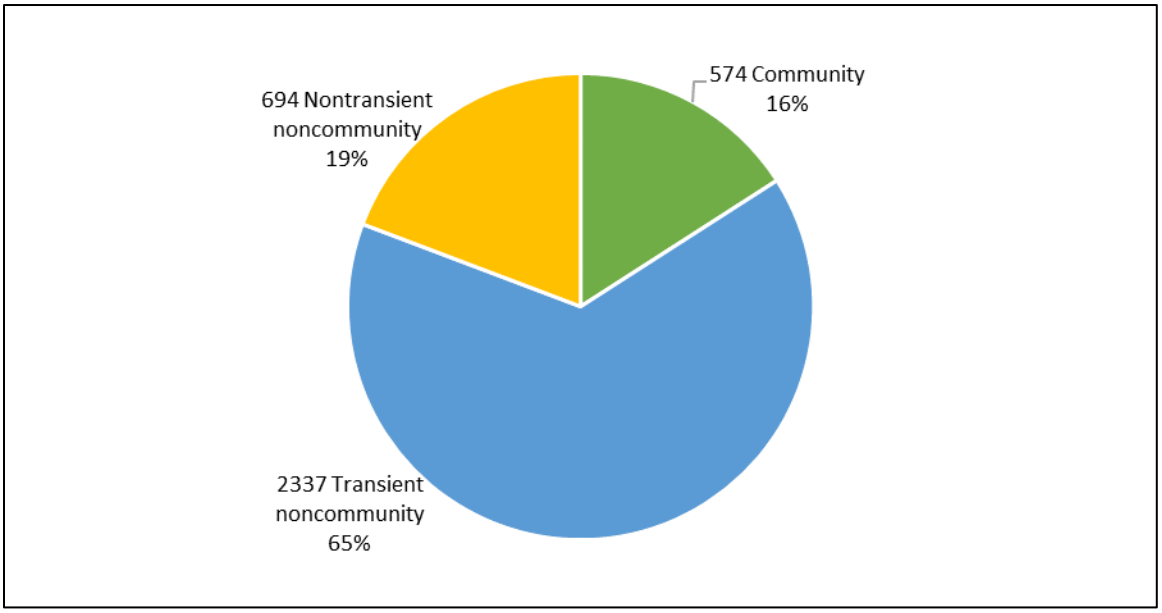


Figure 1: Distribution of 3,605 Public Water Systems in New Jersey

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

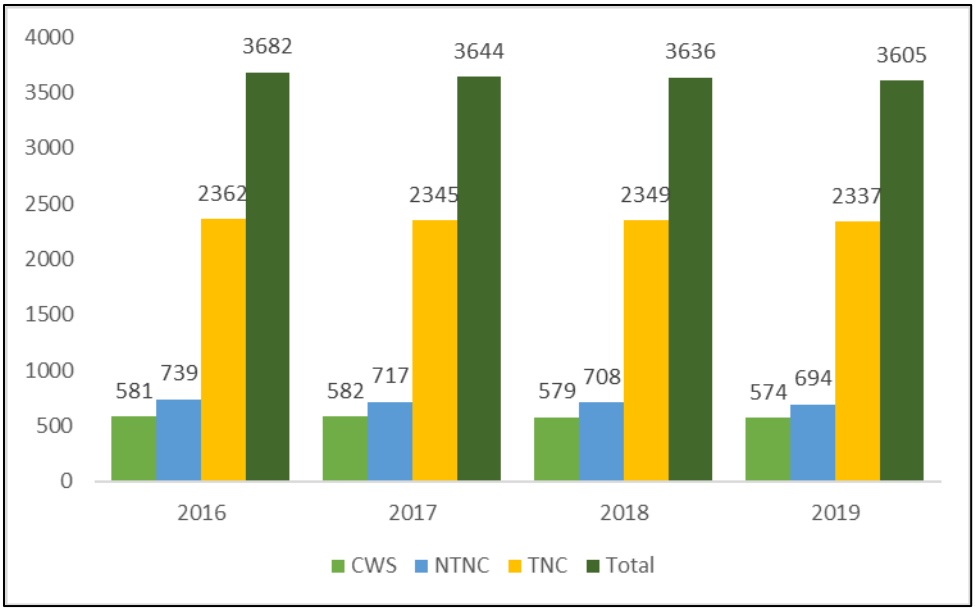


Figure 2: Active New Jersey Public Water Systems by Calendar Year (2016 through 2019)

Community water systems are further classified as small, medium, or large based on the residential populations that they serve. The size classification of a system will determine the frequency and amount of sampling that is required. Approximately 96% of New Jersey residents are supplied by medium or large community water systems. Table 1 shows a summary of the population served by various size community water systems.

Table 1: New Jersey Community Water Systems Grouped by Population in 2019.

Population Categories	Population Ranges	Number of Systems	Total Estimated Population Served
Large Systems	> 50,000	28	5,145,586
Medium Systems	10,001 – 50,000	132	2,973,568
	3,301 – 10,000	81	505,744
Small Systems	1,001 - 3,300	76	149,772
	501 – 1,000	49	34,787
	101-500	123	29,920
	<101	85	6,077
Total:		**574**	**8,845,454**

2.3 VIOLATIONS

The Federal SDWA is sub-divided into various rules. These include the Revised Total Coliform Rule, Ground Water Rule, Disinfectant and Disinfection By-Product Rules (Stage 1 and Stage 2), Surface Water Treatment Rules, Inorganic Compound Rules, Volatile Organic Compound Rules, Radiological Rules, Synthetic Organic Compound Rules, and the Lead and Copper Rule. Each of

these rules have specific violation types for failure to meet any of their individual requirements. Further details concerning these rules is provided in Section 3.

The violations incurred by public water systems for any of the above rules fall into several distinct categories, the major ones being:

1) Maximum Contaminant Level (MCL) exceedances: where the highest allowable contaminant concentrations in drinking water are exceeded;

2) Maximum Residual Disinfectant Level (MRDL) exceedances: where the maximum residual disinfectant levels, which specify the highest concentrations of disinfectants allowed in drinking water are exceeded;

3) Treatment Technique violations: where a public water system fails to comply with treatment or operational requirements intended to reduce the levels of contaminants;

4) Monitoring and Reporting (M&R) violations: where a public water system fails to conduct scheduled monitoring, or fails to submit monitoring results on time, as required by the Federal and State SDWAs; and

5) Reporting violations: where a public water system fails to meet notification requirements in regard to Public Notification, Consumer Confidence Report, and Lead Consumer Notices.

There are also state-specific MCL, TT, M&R, and Reporting violation types for where a public water system does not comply with state-specific SDWA requirements.

2.3.1 MAXIMUM CONTAMINANT LEVELS (MCL)

The USEPA set MCLs at the national level. An MCL is the allowable limit of a contaminant in drinking water to ensure it is safe for human consumption. MCLs ensure that drinking water does not pose either a short-term or long-term health risk. New Jersey has adopted all the federal MCLs.

In addition to the national standards, the 1984 amendments to the New Jersey SDWA established New Jersey's Drinking Water Quality Institute as well as the drinking water standard setting process. The Drinking Water Quality Institute is responsible for developing MCLs or standards for hazardous contaminants in drinking water and for recommending those standards as well as recommendations for the implementation of the drinking water quality program to the Commissioner of the NJDEP. Additionally, the Drinking Water Quality Institute has the authority to select additional contaminants to regulate, if needed. Both the Federal SDWA and the New Jersey SDWA require that any standards adopted by the NJDEP be equal to or more stringent than federal standards.

New Jersey has fourteen (14) contaminants that have more stringent MCLs than the federal MCLs: twelve (12) volatile organic compounds, one (1) synthetic organic compound, and one (1) inorganic chemical. There are also seven (7) additional compounds that are regulated as primary contaminants by New Jersey that do not have a federal MCL: five (5) volatile organic compounds, one (1) synthetic organic compound, and one (1) polyfluoroalkyl substance. See Table 2 for a listing of the specific contaminants and their MCLs.

New Jersey has also included the requirement for gross alpha to be analyzed using the 48-Hour Rapid Gross Alpha Test methodology as per 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.

Table 2: New Jersey Specific Maximum Contaminant Levels (MCLs) Compared to Federal MCLs Where Applicable

Contaminant	MCL (ug/l)	
	NJ	USEPA
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)[a]	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
1,3-Dichlorobenzene	600	N/A
1,1-Dichloroethane	50	N/A
Methyl tertiary Butyl Ether	70	N/A
Naphthalene	300	N/A
1,1,2,2-Tetrachloroethane	1	N/A
1,2,3-Trichloropropane[b]	0.030	N/A
Perfluorononanoic Acid[b]	0.013	N/A

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

[b] Monitoring began in 2019 for community systems serving ≤ 10,000 and nontransient noncommunity water systems and will begin in 2020 for community water systems serving > 10,000 and all systems that use a surface water source.

2.3.2 ACTION LEVEL EXCEEDANCES (ALE)

In lieu of MCLs, the USEPA has established Action Levels (AL) for lead and copper. An AL is defined as the concentration of lead or copper in water above which specific actions are required to be completed. Although a water system is not in violation of the Federal Regulations if they have an action level exceedance (ALE), they must begin to take steps to remediate the high levels of lead and/or copper. Public education, water quality parameter monitoring, corrosion control studies and the installation of treatment all must follow the exceedance of an AL and a water system will receive a violation if they fail to take any of the required steps.

2.3.3 MAXIMUM RESIDUAL DISINFECTANT LEVELS (MRDL)

The USEPA set national limits on residual disinfectant levels in drinking water to reduce the risk of exposure to disinfection byproducts formed when a public water system adds chemical disinfection. These limits are known as MRDLs, and they ensure that the chemical disinfectant added to the water will not pose an unintended health risk.

2.3.4 TREATMENT TECHNIQUES

The USEPA established treatment techniques instead of MCLs to control unacceptable levels of specified contaminants. A treatment technique is a required process intended to reduce the level of a contaminant in drinking water. Treatment techniques have been established for viruses, bacteria, disinfection byproduct precursors (total organic carbon and alkalinity), turbidity, and lead and copper.

2.3.5 MONITORING AND REPORTING (M&R)

Public water systems are required to monitor the levels of contaminants that may be present in their water and are required to submit the results within timeframes specified by the regulations. 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, disinfection residuals, disinfection byproducts and disinfection precursors. If a public water system fails to perform the required monitoring, they incur a monitoring violation. If a public water system performs the required monitoring but fails to report the results within the specified timeframe, they incur a reporting violation. Most rules do not differentiate between monitoring and reporting violations, with the exception of the Revised Total Coliform Rule, which specifically splits a monitoring violation from a reporting violation. This allows USEPA to better track and address true monitoring violations (not conducting the required monitoring) from late or non-submittal violations, which do not have as detrimental an effect on public health. M&R violations are further defined as Major, when none of the required monitoring is performed, and Minor, when some, but not all, of the required monitoring is performed.

2.3.6 OTHER REPORTING VIOLATIONS – NOTIFICATION REQUIREMENTS

The Federal SDWA has provisions to ensure that consumers will know if there is a problem with their drinking water and requires a public notification be sent to all customers if there is risk to public health due to either not meeting a drinking water standard, not completing a required treatment technique activity or failing to conduct required monitoring. There are three (3) tiers

of public notification, based on the severity of the violation – Tier 1 public notification is required for MCL violations of contaminants with acute health effects as a result of short-term exposure, such as bacteria; Tier 2 public notification is required for MCL violations of contaminants with chronic effects or the failure to complete a required treatment technique activity, and a Tier 3 public notification is required for all monitoring and reporting violations.

The Federal SDWA requires all community water systems to prepare and distribute a Consumer Confidence Report to all customers served by the system. The Consumer Confidence Report must contain Information on the quality of the water delivered by the systems and characterize the risks (if any) from exposure to contaminants detected in the drinking water in an accurate and understandable manner. Consumer Confidence Reports must be sent to customers by July 1st each year, with a certification sent to the State that the Consumer Confidence Report was properly distributed. The system incurs a violation if they fail to send out their Consumer Confidence Report or submit their certification on time. New Jersey performs a review on a subset of these reports each year and issues violations if the content is deficient.

The Federal SDWA also requires all community and nontransient noncommunity water systems to prepare and distribute a Lead Consumer Notice to all customers occupying homes or buildings that were sampled as part of the water system's lead and copper sampling event within 30 days of receiving the sample results. A copy of the Lead Consumer Notice, along with a certification that the notices were properly prepared and issued is required to be sent to the State within 90 days of receiving the sample results, and New Jersey performs a review of the Lead Consumer Notice. Systems incur a violation if they fail to distribute the Lead Consumer Notice, or if the notice is deficient.

2.3.7 VARIANCES AND EXEMPTIONS

Federal primary drinking water regulations allow for variances and exemptions to specific requirements to be granted in certain cases, but only if public health is protected. 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. The NJDEP has never issued a variance or an exemption, and the regulations on variances and exemptions (Subchapter 6) of the New Jersey SDWA regulations were repealed effective November 4, 2004.

2.4 ADDITIONAL REQUIREMENTS IN NEW JERSEY

2.4.1 Monitoring and Reporting (M&R)

Although New Jersey-specific MCLs for perfluorononanoic acid (PFNA) and 1,2,3-trichloropropane (1,2,3-TCP) were adopted on September 4, 2018, monitoring requirements were phased-in, with monitoring of community water systems serving fewer than 10,001 residents and utilizing a groundwater source, and nontransient noncommunity water systems beginning in 2019.

Effective September 4, 2018, changes were also made to require nontransient noncommunity water systems to comply with the existing Federal monitoring and MCL requirements for radionuclides (gross alpha, uranium, and radium). Monitoring of nontransient noncommunity water systems for radionuclides began in 2019.

2.4.2 Treatment Techniques (TT)

The State SDWA requires any public water system that exceeds a Federal or State MCL to take any action necessary to bring the water into compliance with the applicable MCL within one (1) year after receipt of the sample results that demonstrated an exceedance of the MCL. Systems incur a state-type TT violation if they fail to return to compliance with the MCL within the one (1) year timeframe.

2.4.3 Reporting Requirements

The State SDWA also requires any public water system that exceeds a Federal or State MCL to submit to the Division within 30 days of notification of the violation a Remedial Measures Report that outlines the measures proposed to bring the system back into compliance. Systems incur a state-type Reporting violation if they fail to submit the Remedial Measures Report.

2.5 DAYCARES

Under Federal regulation, transient noncommunity water systems are only required to sample for coliform bacteria and nitrate. State regulations, however, require all child care centers that have their own source of water, whether classified as a nontransient noncommunity water system, a transient noncommunity water system, or a non-public water system, to sample *and meet* all nontransient noncommunity water system monitoring requirements and MCLs at the time of their license renewal. Any transient noncommunity water system or non-public system that exceeds a MCL or AL is required to take the necessary steps to return to compliance.

2.6 DATA SOURCES FOR THIS REPORT

This annual report includes drinking water violation data that covers the period of January 1 through December 31, 2019, with updated compliance activities completed as of May 28, 2020. The data for this report was compiled using the New Jersey Safe Drinking Water Information System (SDWIS/State) database, which houses information about each water system along with their sample results. SDWIS/State then compares the sample results against Federal and State SDWA requirements and generates violations when applicable.

The USEPA has developed a tool for analyzing drinking water data called Enforcement and Compliance History Online, at https://echo.epa.gov/?redirect=echo. This tool can be used to generate a compliance summary report for each state which provides the total annual number of violations as well as the names of the systems with violations for each of six (6) 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 are provided to the USEPA on a quarterly basis from SDWIS/State and are stored in USEPA's federal database.

A comparison of compliance reports generated using the Enforcement and Compliance History Online tool and those generated using SDWIS/State may differ for two main reasons: 1) the Enforcement and Compliance History Online tool uses a snapshot of a state's data for generating reports that is always one quarter behind the current calendar quarter. States report violation data to the USEPA on a quarterly basis and the USEPA then reviews the quarterly violation data before posting the data on their website to be used for Enforcement and Compliance History Online reports. Because New Jersey addresses data errors and updates violation status on a daily basis and can generate up-to-date reports, New Jersey's reports generally lag by only one day; and 2) MCL, TT, M&R and Reporting violations that are specific to New Jersey's requirements are included in this Annual Report and these violations are not required to be reported to USEPA. For these reasons, the compliance reports from these two different data sources may not match exactly.

To see the most comprehensive and up-to-date information available, use the Division's Drinking Water Watch tool, accessible online at www.nj.gov/dep/watersupply/waterwatch.

3 SUMMARY OF VIOLATION DATA

A review of each Safe Drinking Water Act (SDWA) Rule and summary of the 2019 violation data identified under each rule is presented below. In addition, a list of all violation types, along with their Federal Reporting Codes are included in Appendix A; a summary listing of New Jersey water system violations by rule and contaminant can be found in Appendix B; a listing of individual Maximum Contaminant Level (MCL), Action Level Exceedance (ALE), Maximum Residual Disinfection Level (MRDL) and treatment technique (TT) violations for community water systems can be found in Appendix C; and a listing of individual MCL, ALE, MRDL and TT violations for nontransient noncommunity water systems can be found in Appendix D.

Table 3: Summary of all Safe Drinking Water Act Violations (Maximum Contaminant Level (MCL), Action Level Exceedance (ALE), Maximum Residual Disinfection Level (MRDL) and treatment technique (TT)) by System Type for 2019.

	Exceedances*				Monitoring & Reporting			
Type of System	MCL	ALE	MRDL	**TT Violations**	Monitoring	Reporting	Public Notification	**Total Violations**
Community 574 systems	56 (20)	27 (18)	0	36 (22)	1807 (276)	305 (208)	6 (3)	2237
Nontransient Noncommunity 694 systems	53 (8)	48 (39)	0	55 (26)	2163 (316)	247 (185)	10 (8)	2576
Transient Noncommunity 2,337 systems	17 (16)	1 (1)	0	207 (140)	562 (299)	411 (278)	14 (13)	1212
Grand Total 3,605 systems	126	76	0	298	4532	963	30	6025

* Numbers in parenthesis indicate the count of systems incurring the specified violations.

It is notable that although the number of public water systems in New Jersey has not significantly changed from 2018 to 2019, the number of total violations has almost doubled. Figure 3 shows the comparison of M&R violations incurred in 2018 and 2019 for various rules. This increase is primarily composed of M&R violations incurred due to both the end of a triennial compliance period, and New Jersey's State SDWA Act rule amendments that required additional monitoring.

In New Jersey, 935 public water systems are on triennial monitoring for inorganic compounds and/or volatile organic compounds and required to monitor in 2017, 2018, or 2019; any public water system that failed to sample during any of these three (3) years incurred an M&R violation with a compliance period of 2017-2019 and is counted in this Report.

As discussed in Section 2.4.1 above, amendments to the State SDWA became effective on September 4, 2018, with monitoring provisions that began in the first quarter of 2019. Specifically, quarterly monitoring for PFNA and 1,2,3-TCP was required in 2019 at community water systems serving fewer than 10,001 residents and utilizing a groundwater source, and nontransient noncommunity water systems. Monitoring for radiological contaminants at nontransient noncommunity water systems also began in 2019. In addition, waivers that were issued for Synthetic Organic Compounds did not include Ethylene dibromide and Dibromochloropropane and these two (2) compounds were also required to be monitored beginning in 2019. Further details concerning Synthetic Organic Compound monitoring requirements are provided in Section 3.8.

Many outreach activities regarding the new rule amendments were successfully conducted and 87% of public water systems monitored properly for PFNA and 80% of public water systems monitored properly for radiologicals.

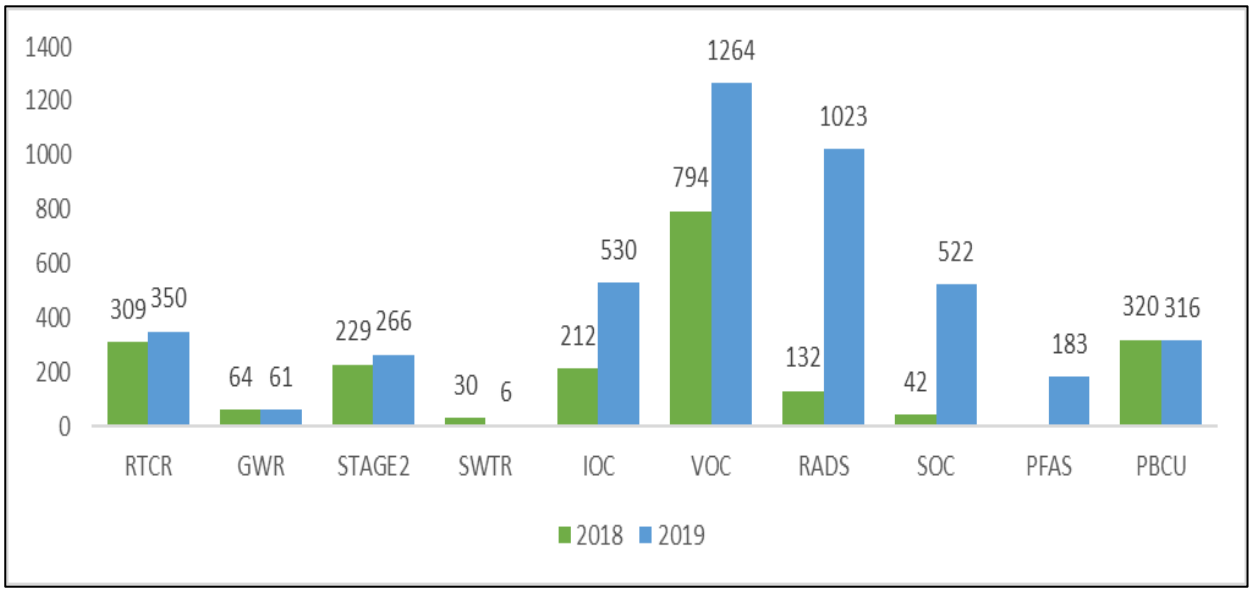


Figure 3: Comparison between 2018 and 2019 total number of Monitoring and Reporting violations incurred by public water systems for various rules including the Revised Total Coliform Rule (RTCR), Ground Water Rule (GWR), Disinfectant and Disinfection By-Product Rules (Stage2), Surface Water Treatment Rules (SWTR), Inorganic Compound Rules (IOC), Volatile Organic Compound Rules (VOC), Radiological Rules (RADS), Synthetic Organic Compound Rules (SOC), Perfluorononanoic acid (PFAS), and the Lead and Copper Rule (PBCU).

3.1 REVISED TOTAL COLIFORM RULE

The Revised Total Coliform Rule, effective in April 2016, is a revision of the 1989 Total Coliform Rule and is the only microbial rule that applies to all 3,605 New Jersey public water systems, including all transient noncommunity water systems. Under the Revised Total Coliform Rule, 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. Community water systems and seasonal noncommunity water systems sample monthly while non-seasonal noncommunity water systems sample 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. However, the presence of *E. coli*, a type of coliform bacteria, does indicate a health risk. To address this risk, the Revised Total Coliform Rule adopts a "find and fix" approach which requires the water system to conduct an assessment based on the frequency and severity of the contamination to identify problems and take subsequent corrective action within a specified timeframe. A basic, or Level

1 Assessment, is required based on the confirmed presence of total coliform bacteria, while a more comprehensive, or Level 2 Assessment, is required for systems with serious and/or chronic issues i.e. systems with a confirmed *E. coli* presence or repeated total coliform positive results within a rolling 12-month period.

In 2019, only 0.5% of public water systems had Revised Total Coliform Rule MCL violations and 2.6% had Revised Total Coliform Rule treatment technique violations; these are the violation types that can have the most serious acute health effects on consumers. Table 4 below lists the details for all violations incurred under the Revised Total Coliform Rule. Figure 4 shows the overall percentage of public water systems that incurred Revised Total Coliform Rule violations and Figure 5 shows the percentage of each type of violation incurred. Further details concerning each type of violation are provided in Sections 3.1.1 through 3.1.3.

Table 4: Revised Total Coliform Rule violations by system type for Maximum Contaminant (MCL) Level Exceedances, Treatment Techniques (TT), Monitoring, and Reporting for 2019.

	Violation Type*				Total of
Type of System	MCL	TT	Monitoring	Reporting	**Violations**
Community	1 (1)	5 (4)	30 (26)	93 (83)	129
Nontransient Noncommunity	6 (6)	15 (11)	29 (23)	64 (52)	114
Transient Noncommunity	10 (10)	118 (80)	291 (204)	391 (262)	810
Grand Total	17	138	350	548	1053

* Numbers in parenthesis indicate the count of systems incurring the specified violations.

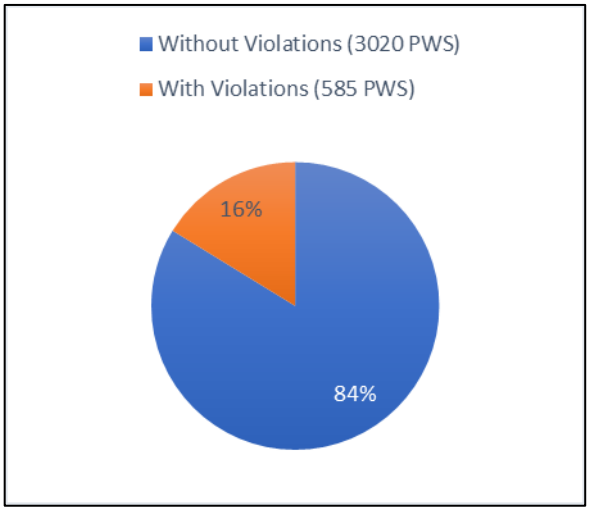


Figure 4: Percentage of Public Water Systems (PWS) with and without Revised Total Coliform Rule Violations during 2019.

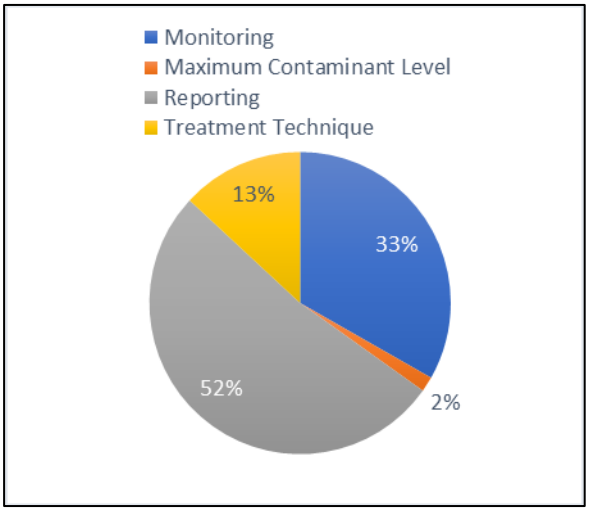


Figure 5: Percentage of types of violations incurred under the Revised Total Coliform Rule in 2019.

3.1.1 REVISED TOTAL COLIFORM RULE: MAXIMUM CONTAMINANT LEVEL VIOLATIONS

Under the Revised Total Coliform Rule, a violation is not issued based on the confirmed presence of total coliform. Instead, when the presence of total coliform is confirmed (i.e. at least one (1) repeat sample is positive, or repeat samples are not collected and therefore assumed to be positive), 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 also required to conduct the more comprehensive Level 2 Assessment.

If it is determined *E. coli* is present in the water system, an acute MCL violation is incurred and a Level 2 Assessment is required. A Boil Water Advisory must also be issued until the violation has been resolved.

In 2019, of the 17 *E. coli* positive MCL violations at 17 public water systems; as of May 28, 2020, 12 of the 17 (70.5%) public water systems had returned to compliance.

3.1.2 REVISED TOTAL COLIFORM RULE: TREATMENT TECHNIQUE VIOLATIONS

Under the Revised Total Coliform Rule, systems that fail to complete the required Level 1 or Level 2 Assessment within 30 days of triggering the need for the assessment are issued treatment technique violations. Systems that complete their Level Assessments but fail to complete the corrective actions required to remedy the situation, also receive a treatment technique violation.

In 2019, 107 treatment technique violations were issued for the failure to conduct a required Level 1 or Level 2 Assessment at 83 public water systems and 31 treatment technique violations were issued for the failure to complete required corrective actions at 21 public water systems. As of May 28, 2020, 59 of the 83 (71%) public water systems completed their Level 1 or Level 2 Assessment and returned to compliance and 17 of the 21 (81%) public water systems completed their required corrective actions and returned to compliance. Note that a single system may have multiple violations, thus the total number of systems listed in Table 4 above is different from the number outlined here.

3.1.3 REVISED TOTAL COLIFORM RULE: MONITORING & REPORTING VIOLATIONS

Under the Revised Total Coliform Rule, 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 Total Coliform Rule.

In 2019, the NJDEP issued 350 monitoring violations at 253 public water systems. As of May 28, 2020, 230 (91%) public water systems subsequently monitored properly and were returned to compliance. There were 548 reporting violations issued to 397 public water systems; as of May 28, 2020, 379 (95.5%) public water systems returned to compliance. Note that a single system may have incurred both monitoring and reporting violations, thus the total number of systems listed in Table 4 is different from the number outlined here.

3.1.4 REVISED TOTAL COLIFORM RULE: SAMPLE SITING PLAN VIOLATIONS

Revised Total Coliform Rule Sample Siting Plans are requested for any community water system that incurs an *E. coli* MCL violation or triggers a Level 2 Assessment. In 2019, only one (1) community water system incurred an E coli MCL and was required to submit the Revised Total Coliform Rule Sample Siting Plan; this system submitted their plan timely and did not incur a violation.

3.1.5 REVISED TOTAL COLIFORM RULE: SEASONAL WATER SYSTEM SPECIFIC VIOLATIONS

Seasonal water systems are a subcategory of noncommunity water systems established under the Revised Total Coliform Rule. A seasonal water system is defined as a noncommunity water system that is not operated 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 the system is periodically inactive or depressurized. Therefore, seasonal water systems are required to 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, and they must monitor monthly for the duration of their operating season. In 2019 there were 497 water systems classified as seasonal systems in New Jersey. In 2019, 65 (13%) seasonal systems incurred a violation of their seasonal start up requirements.

In New Jersey, the start-up procedure requires all seasonal water systems to collect a total coliform sample prior to opening. The sample must be negative for total coliform, and the system must submit a certification that the start-up sample was taken correctly.

New Jersey ensures that seasonal systems follow this start-up procedure prior to opening their systems by reviewing both the start-up sample result and the certification from the system. Systems that do not provide a seasonal start-up sample receive a treatment technique violation. Systems that collected a start-up sample prior to opening but did not submit their start-up certification on time receive a reporting violation. In 2019, 74 treatment technique violations were issued to 57 public water systems for the failure to provide a seasonal start-up sample and 8 reporting violations were issued to 8 systems for failing to submit a timely seasonal start-up certification. As of May 28, 2020, 56 (86%) of the 65 systems with treatment techniques and/or reporting violations supplied the necessary information and returned to compliance. Table 5 shows the breakdown of violations by noncommunity water system type. Figure 6 shows the overall percentages of violations incurred by seasonal water systems and Figure 7 shows the percentage of each type of violation incurred.

Table 5: Revised Total Coliform Rule violations for seasonal systems only by system type for Treatment Techniques and Reporting for 2019.

Type of System	Violation Type*		Total of Violations
	Treatment Technique	Reporting	
Nontransient Noncommunity	0	0	0
Transient Noncommunity	74 (57)	8 (8)	82
Grand Total	74	8	82

*Numbers in parenthesis indicate the count of systems incurring the specified violations.

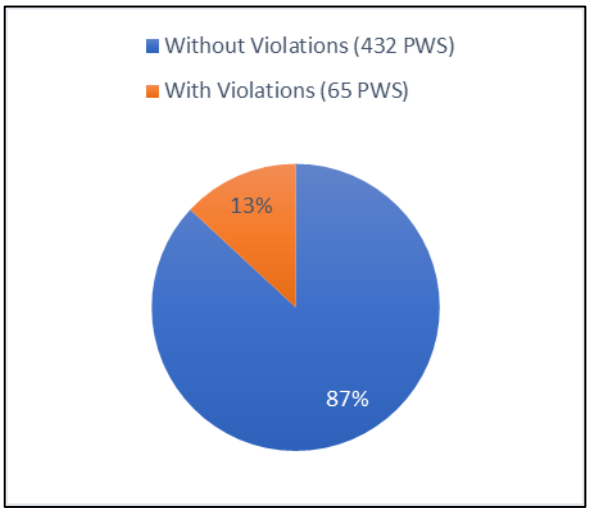


Figure 6: Percentage of Seasonal Public Water Systems (PWS) with and without Revised Total Coliform Rule seasonal specific Violations during 2019.

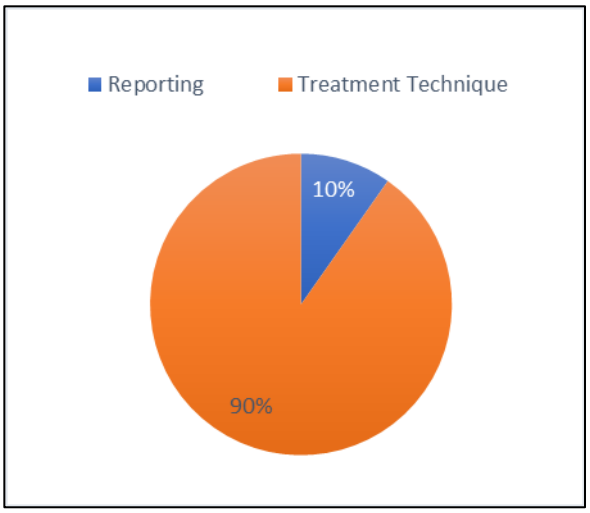


Figure 7: Percentage of types of seasonal specific violations incurred under the Revised Total Coliform Rule in 2019.

3.2 GROUND WATER RULE

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

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

include, but are not limited to, removing the source of the contamination, drilling a new well, and/or installing 4-log treatment to ensure virus inactivation.

In 2019, only 1.65% of public water systems incurred a Ground Water Rule violation. Of that 1.65%, the majority of the violations were monitoring violations. Table 6 below lists the details for all violations incurred under the Ground Water Rule. Figure 8 shows the overall percentage of public water systems that incurred Ground Water Rule violations and Figure 9 shows the percentage of each type of violation incurred. Further details concerning each type of violation are provided in Sections 3.2.1 and 3.2.2.

Table 6: Ground Water Rule violations by system type for Treatment Techniques, Monitoring, and Reporting for 2019.

Type of System	Violation Type*			Total of Violations
	Treatment Techniques	Monitoring	Reporting	
Community	0	17 (15)	0	17
Nontransient Noncommunity	1 (1)	9 (7)	1 (1)	11
Transient Noncommunity	2 (2)	35 (32)	1 (1)	38
Grand Total	3	61	2	66

* Numbers in parenthesis indicate the count of systems incurring the specified violations.

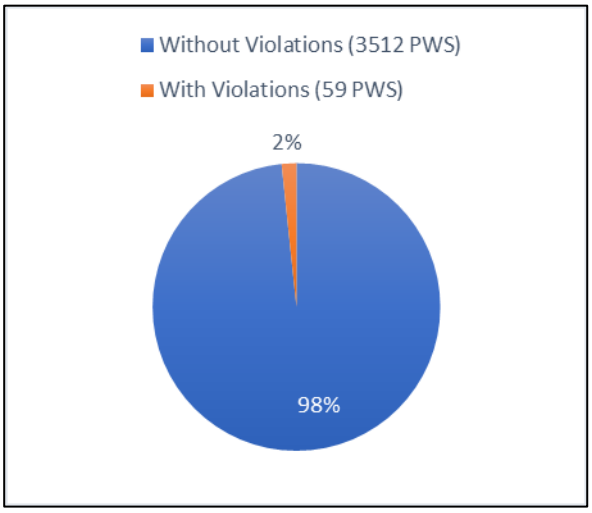


Figure 8: Percentage (rounded up) of Public Water Systems (PWS) with and without Ground Water Rule Violations during 2019.

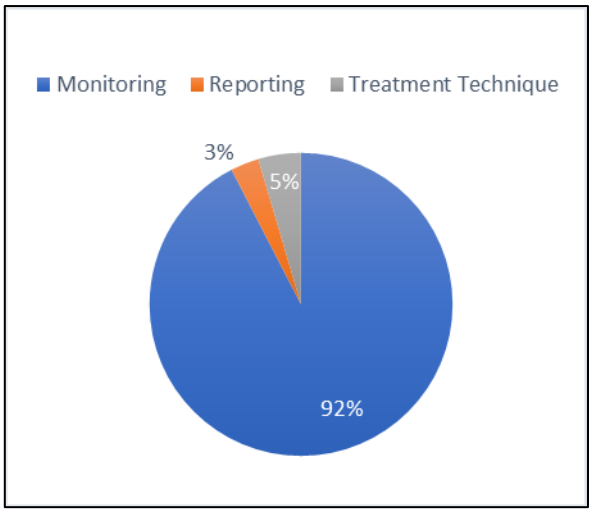


Figure 9: Percentage of types of violations incurred under the Ground Water Rule in 2019.

The Ground Water Rule was designed to work in parallel with the Total Coliform and Revised Total Coliform Rules and trigger activities when total coliforms are found in a water system's

distribution system; therefore, the are no established MCLs under the Ground Water Rule. All violations under the Ground Water Rule are for failure to complete triggered activities or for failure to monitor as required.

3.2.1 GROUND WATER RULE: TREATMENT TECHNIQUE VIOLATIONS

Once a public water system has determined that they have contamination in their source, they are required to take corrective actions to remedy the contamination. Any system that fails to take corrective actions incurs a treatment technique violation.

In 2019, the NJDEP issued 3 treatment technique violations to 3 public water systems. As of May 28, 2020, two (2) of these public water systems (67%) have addressed their source contamination and have been returned to compliance; the third system has been referred to the NJDEP's Water Compliance and Enforcement program for follow up actions.

3.2.2 GROUND WATER RULE: MONITORING & REPORTING VIOLATIONS

If total coliform is detected in the distribution system, source water monitoring is triggered. If subsequent triggered monitoring indicates that there is *E. coli* in a source, additional monitoring of the source is then required. If the additional monitoring indicates that the source is contaminated, systems are required to consult with the State regarding their proposed corrective actions, and then complete corrective actions to remedy the contamination.

If the additional monitoring does not confirm that the source is contaminated, New Jersey requires the system to conduct assessment monitoring of their source monthly for one (1) year to ensure that there is no contamination in the source. Failure to complete any of the above types of monitoring results in the issuance of an M&R violation.

In 2019, there were 55 M&R violations for failure to conduct triggered and/or additional monitoring issued to 51 public water systems; as of May 28, 2020, 36 (71%) of these public water systems subsequently monitored and/or reported properly and were returned to compliance. There were four (4) M&R violations for failure to conduct assessment monitoring issued to two (2) public water systems; as of May 28, 2020, both (100%) of these water systems have monitored and/or reported properly and were returned to compliance.

In 2019, two (2) public water systems failed to consult with the State and incurred a reporting violation; one of these systems has subsequently returned to compliance and the other system has been referred to the NJDEP Water Compliance and Enforcement Program.

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

The Stage 1 and Stage 2 Disinfectants and Disinfection Byproduct Rule applies to all community water systems and nontransient noncommunity water systems that add a chemical disinfectant to their drinking water treatment process or that deliver disinfected water that had been treated with a chemical disinfectant. The Stage 2 portion of the rule also requires systems to conduct monitoring for compliance with disinfection by-product MCLs. Stage 2 of the Disinfectants and Disinfection By-Product Rule built upon the original rule by requiring MCLs for disinfection by-products to be calculated at each location that is required to be monitored; this is known as a "locational running annual average". Since disinfection by-products form and degrade over time and under varying conditions, having a locational running annual average increases the protection provided by the rule by ensuring that all parts of the water system are in compliance with the MCLs (as shown in the sidebar). The Stage 2 portion of the rule includes requirements that systems proactively identify problem areas within their distribution system by calculating operational evaluation levels, which are an estimated level of disinfection by-products based on three (3) quarters of monitoring results, plus an assumed fourth quarter result. If an operational evaluation level is exceeded, the system must perform an evaluation of their system and submit a report on any actions that they can proactively take to prevent a future MCL exceedance. Finally, the Stage 2 portion of the rule includes monitoring requirements at consecutive systems i.e. those systems that purchase all of their treated water from another system and have no sources of their own, who were not required to monitor under the original Rule.

Disinfectants and Disinfection Byproduct Rule Maximum Contaminant Levels

Trihalomethanes (TTHM) 80 µg/l [ppb] running annual average. Total of Dichlorobromomethane, Chlorodibromomethane, Bromoform and Chloroform.

Haloacetic Acids (HAA5) 60 µg/l ppb running annual average. Total of Monochloroacetic, Dichloroacetic, Trichloroacetic, Bromoacetic and Dibromoacetic acids

The Stage 1 portion of the rule requires monitoring for disinfectant residuals at the same time and place as total coliform monitoring and sets a MRDL of 4.0 mg/l in the distribution system. Finally, the Stage 1 portion of the rule establishes monitoring and level criteria for disinfectant precursors at public water systems that use a surface water source, and licensed operator requirements for all community and nontransient noncommunity water systems that utilize a chemical disinfectant.

Any system that does not meet the established limits for disinfection by-products and/or disinfection residuals incurs an MCL and/or MRDL violation and any system that fails to complete the required monitoring incurs an M&R violation. Any system that does not meet the disinfectant precursors criteria or fails to comply with the licensed operator provision incurs a treatment technique violation. Any system that fails to prepare and submit an action report after exceeding an operational evaluation level incurs a reporting violation.

In New Jersey, 630 systems employ chemical disinfection and are regulated under the Disinfectants and Disinfection By-Product Rules. In 2019, 146 (23%) public water systems incurred a violation of the Disinfectants and Disinfection By-Product Rule requirements. Only 12% of violations incurred are MCL and there were no MRDL violations incurred in 2019. Table 7 below lists the details for all violations incurred under the Disinfectants and Disinfection By-Product Rules. Figure 10 shows the overall percentage of public water systems that incurred Disinfectants and Disinfection By-Product Rule violations and Figure 11 shows the percentage of each type of violation incurred Further details concerning each type of violation are provided in Sections 3.3.1 and 3.3.3.

Table 7: Disinfectant and Disinfection By-Product Rule violations by system type for Maximum Contaminant (MCL) Level Exceedances, Maximum residual disinfectant levels (MRDL) exceedances, Treatment Techniques (TT), Monitoring, and Reporting for 2019.

	Violation Type*					Total of
Type of System	MCL	MRDL	TT	Monitoring	Reporting	Violations
Community	33 (10)	0	2 (1)	229 (110)	6 (5)	270
Nontransient Noncommunity	3 (2)	0	0	37 (26)	1 (1)	41
Grand Total	36	0	2	266	7	311

* Numbers in parenthesis indicate the count of systems incurring the specified violations.

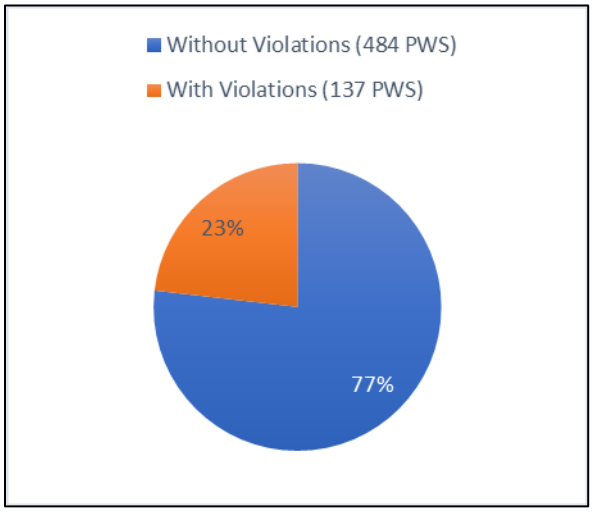


Figure 10: Percentage of Public Water Systems (PWS) with and without Disinfection Byproduct Rule Violations during 2019.

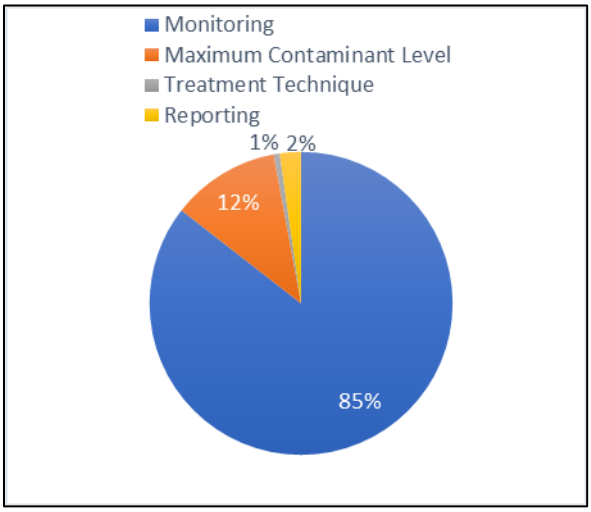


Figure 11: Percentage of types of violations incurred under the Disinfection Byproduct Rule in 2019.

3.3.1 DISINFECTANTS AND DISINFECTION BY-PRODUCT RULE: MAXIMUM CONTAMINANT LEVEL & MAXIMUM RESIDUAL DISINFECTANT LEVEL VIOLATIONS

In 2019, 36 violations were issued for exceeding the TTHM and /or HAA5 MCL at 12 public water systems. As of May 28, 2020, two (2) of those 12 (17%) public water systems met the MCL and were returned to compliance. In 2019, there were no MRDL violations issued.

3.3.2 DISINFECTANTS AND DISINFECTION BY-PRODUCT RULE: TREATMENT TECHNIQUE VIOLATIONS

In 2019, there were two (2) treatment technique violations issued to one (1) public water system for failure to maintain a detectable residual in the distribution system, and as of May 28, 2020 this system has returned to compliance and implemented measures to prevent the violations from recurring.

The remaining 629 public water systems were in compliance with the Stage 1 and Stage 2 treatment technique requirements, which means that all disinfection by-product precursor and disinfection by-product requirements were met, as well as the requirement to have a Licensed Operator of the correct classification.

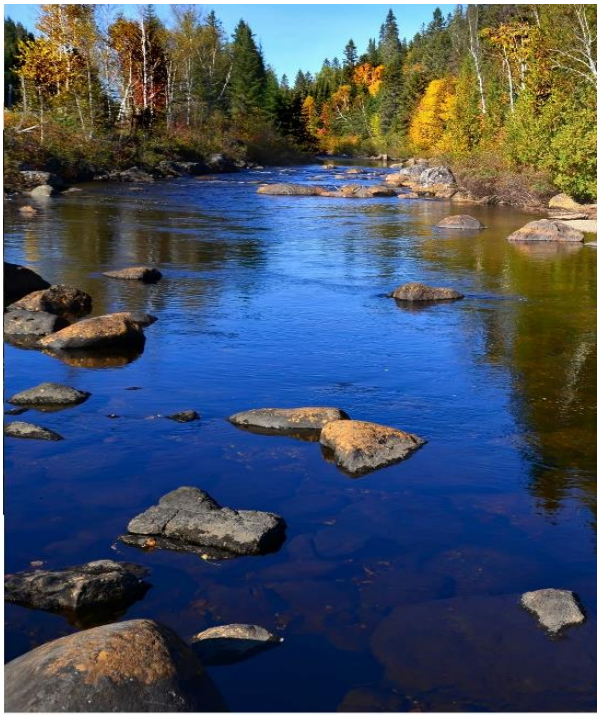
3.3.3 DISINFECTANTS AND DISINFECTION BY-PRODUCT RULE: MONITORING & REPORTING VIOLATIONS

In 2019, the NJDEP issued 266 M&R violations at 136 public water systems. As of May 28, 2020, 119 (87.5%) public water systems subsequently monitored and/or reported properly and were returned to compliance.

In 2019, the NJDEP issued seven (7) reporting violations to six (6) public water systems that exceeded an operational evaluation level and failed to prepare and submit the required Operational Evaluation Level Report. As of May 28, 2020, five (5) of these systems have subsequently completed and submitted their Operational Evaluation Level Reports and have been returned to compliance.

3.4 SURFACE WATER TREATMENT RULES

The Surface Water Treatment Rules establish standards for the treatment of both surface water and groundwater under the direct influence of surface water systems. The Surface Water Treatment Rules also apply to systems without their own sources that purchase surface water or groundwater under the direct influence of surface water.



Public water systems that use surface water or groundwater under the direct influence of surface water sources are required to use filtration and disinfection 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 viruses. 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 and the turbidity level of the representative samples of a system's filtered water must at no time exceed 1 NTU. For systems that use slow-sand or diatomaceous earth filtration, the turbidity level of representative samples of a system's filtered water must be less than or equal to 1.0 NTUs in at least 95 percent of the measurements taken each month and the turbidity level of the representative samples of a system's filtered water must at no time exceed 5 NTU. Systems that use an alternative filtration method must demonstrate its effectiveness by meeting limits that are set by the State, but they can at no time exceed 1.0 NTUs in 95 percent of their monthly samples or 5 NTUs in any individual sample. Any public water system that exceeds these limits must identify the filter(s) which were operating at a sub-standard level by performing a filter profile, filter self-assessment and/or a comprehensive performance evaluation.

Public water systems that use surface water or groundwater under the direct influence of surface water sources are also required to continuously monitor for disinfection residuals at the entry point to their distribution system, and the disinfectant residuals cannot be <0.2 mg/L for more than four (4) hours. All surface water, groundwater under the direct influence of surface water and their purchasing systems must also monitor for disinfection residuals within the distribution system, and they must maintain a detectable residual in at least 95% of their samples.

Since there are various ways of applying disinfection and multiple forms of filtration, the above limits are not considered MCLs. Any water system that does not meet the disinfection and/or turbidity limits requirements incurs a treatment technique violation.

Any system that fails to complete a required filter profile, filter self-assessment and/or a comprehensive performance evaluation incurs a M&R violation. Any system that fails to complete the required monitoring also incurs an M&R violation.

In New Jersey, 34 public water systems are regulated under the Surface Water Treatment Rules. In 2019, 18% of these public water systems incurred a Surface Water Treatment Rule violation. Table 8 lists the details for all violations incurred under the Surface Water Treatment Rule and the Long-Term Enhanced Surface Water Treatment Rule. Figure 12 shows the overall percentage of public water systems that incurred Surface Water Treatment Rule violations and Figure 13 shows the percentage of each type of violation incurred. Further details concerning each type of violation are provided in Sections 3.4.1 through 3.4.3.

Table 8: Surface Water Treatment Rule and Long-Term 2 Enhanced Surface Water Treatment Rule violations by system type for Treatment Techniques (TT) and Monitoring for 2019.

Type of System	Violation Type*		Total of Violations
	TT	Monitoring	
Community	2 (2)	6 (4)	8
Nontransient Noncommunity	0	0	0
Grand Total	2	6	8

* Numbers in parenthesis indicate the count of systems incurring the specified violations.

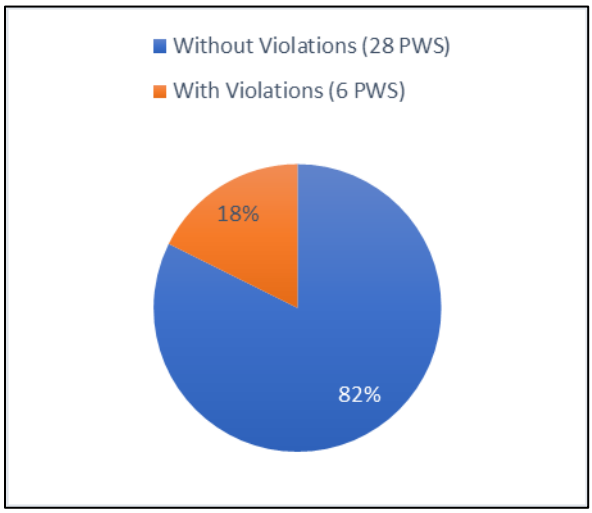


Figure 12: Percentage of Public Water Systems (PWS) with and without Surface Water Treatment Rule Violations during 2019.

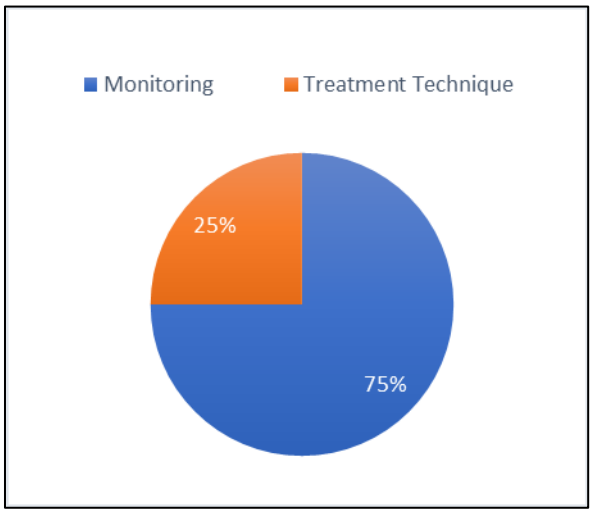


Figure 13: Percentage of types of violations incurred under the Surface Water Treatment Rule in 2019.

3.4.1 SURFACE WATER TREATMENT RULE: TREATMENT TECHNIQUE VIOLATIONS

In 2019, 2 treatment technique violations were issued for not meeting the combined turbidity filter effluent limits at two (2) public water systems. As of May 28, 2020, both public water systems (100%) met the combined turbidity filter effluents and were returned to compliance.

SURFACE WATER TREATMENT RULE: MONITORING & REPORTING VIOLATIONS

In 2019, New Jersey had 100% compliance with the filter profile, filter self-assessment and/or a comprehensive performance evaluation requirements. In 2019, six (6) M&R violations were issued to 4 public water systems; as of May 28, 2020, 100% of these public water systems subsequently monitored and reported their results properly and were returned to compliance.

3.4.2 LONG-TERM 2 ENHANCED SURFACE WATER TREATMENT RULE VIOLATIONS

The Long-Term 2 Enhanced Surface Water Treatment Rule was established to identify higher levels of pathogens in source water and requires any system that utilizes higher risk source waters to install additional treatment. All surface water and groundwater under the direct influence of surface water systems were required to monitor for of *Cryptosporidium* and *Giardia* in their source(s) for two (2) rounds of monitoring, six (6) years apart and staggered by public water system population. Systems that served a population under 10,000 were allowed to monitor for *E. coli* as an indicator species for Cryptosporidium. Based on the results of their source water monitoring, systems were categorized into "Bins" with any higher-level Bins requiring additional treatment.

Any public water system that is required to install additional treatment and fails to do so incurs a treatment technique violation and any system that fails to complete the required Long-Term 2 Enhanced Surface Water Treatment Rule monitoring incurs an M&R violation. No M&R or TT violations were issued in 2019.

3.5 INORGANIC COMPOUNDS RULE

Inorganic contaminants are 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. Table 9 lists the MCLs that USEPA has established for 15 inorganic contaminants; note that New Jersey has set a more stringent MCL for arsenic. Of the fifteen regulated contaminants, only one (1), nitrate, has an MCL based on an acute health-based level.

Table 9: Maximum Contaminant Levels (MCLs) for Inorganic Compounds

Contaminant	MCL (µg/l)
Antimony	6
Arsenic	5 *
Asbestos	7 x 10^6 fibers/l >10 µm
Barium	2,000
Beryllium	4
Cadmium	5
Chromium	100
Cyanide	200
Fluoride	4,000
Mercury	2
Nickel	+
Nitrate [as nitrogen]	10,000
Nitrite	1,000
[combined nitrate/nitrite]	10,000
Selenium	50
Thallium	2

+ No MCL – Monitoring Required
* N.J. MCL [A-280]

Asbestos is regulated on a nine (9) year compliance cycle, with the current cycle beginning in 2011 and ending in 2019. The federal regulations allow States to issue monitoring waivers for asbestos, and USEPA has approved NJDEP's asbestos monitoring waiver program. 1140 waivers have been issued for asbestos monitoring. Waivers were not issued to systems located in areas of the State where asbestos could be naturally occurring in the geologic formations or to systems that have asbestos cement pipe in their inventory.

Any public water system that exceeds an inorganic MCL, incurs an MCL violation and any system that fails to complete the required monitoring incurs an M&R violation. Note that an inorganic chemical analysis includes up to 13 analytes and each missed sample is counted as a separate M&R violation.

In 2019, a total of 3526 public water systems were required to monitor for nitrate. Of these, only 4% incurred a nitrate violation. Table 10 and Figure 14 show the overall nitrate violations incurred by public water systems by system type and percentage of public water systems that incurred violations. Figure 15 shows the percentage of each type of violation incurred.

Table 10: Nitrate/Nitrite violations by system type for Maximum Contaminant (MCL) Level Exceedances, Treatment Techniques (TT), and Monitoring for 2019.

Type of System	Violation Types*			Total of Violations
	MCL	TT	Monitoring	
Community	5 (2)	2 (1)	26 (13)	33
Nontransient Noncommunity	1 (1)	0	21 (20)	22
Transient Noncommunity	7 (6)	3 (1)	120 (107)	130
Grand Total	13	5	167	185

* Numbers in parenthesis indicate the count of systems incurring the specified violations.

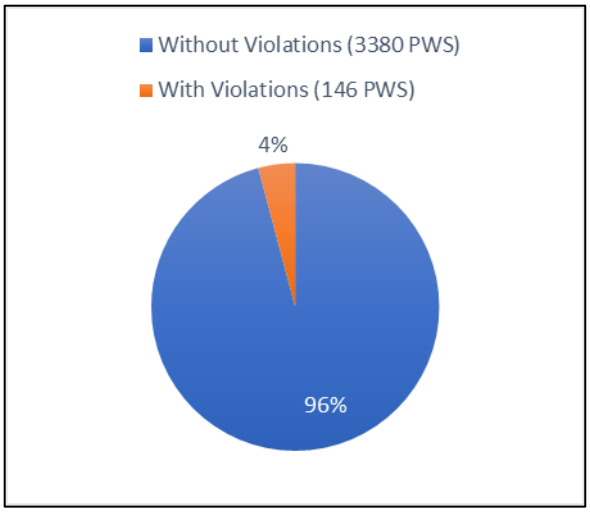


Figure 14: Percentage of Public Water Systems (PWS) with and without Nitrate Violations during 2019.

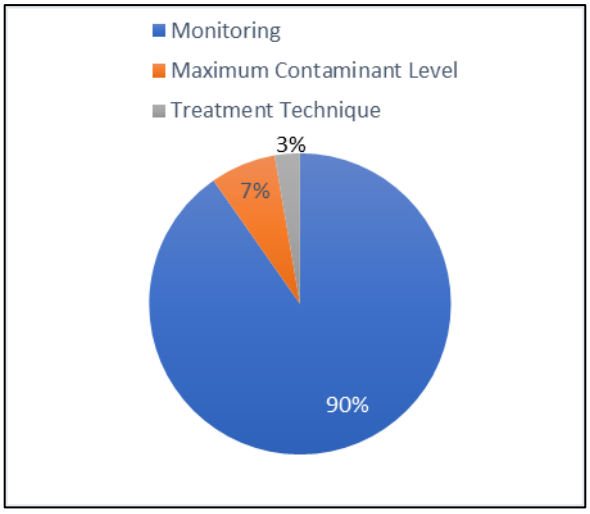


Figure 15: Percentage of types of violations incurred for Nitrate in 2019.

In 2019, a total of 1189 public water systems were required to monitor for the additional contaminants regulated under the Inorganic Compounds Rule. Of these, only 6% incurred a violation, most of which were M&R violations. Table 11 provides details for all Inorganic Compound Rule violations, except nitrate, incurred by public water systems by system type

Figure 16 shows the overall percentage of public water systems that incurred Inorganic Compound violations and Figure 17 shows the percentage of each type of violation incurred. Further details concerning each type of violation are provided in Sections 3.5.1 through 3.5.3.

Table 11: Inorganic Compound Rule violations (excluding nitrate/nitrite violations) by system type for Maximum Contaminant (MCL) Level Exceedances, Treatment Techniques (TT), and Monitoring for 2019.

Type of System	Violation Types*			Total of Violations
	MCL	TT	Monitoring	
Community	0	0	172 (28)	172
Nontransient Noncommunity	0	0	187 (40)	187
Transient Noncommunity **	0	2 (2)	4 (3)	6
Grand Total	0	2	363	365

* Numbers in parenthesis indicate the count of systems incurring the specified violations.
**Though the Federal SDWA Inorganic Compound Rule does not apply to transient noncommunity systems, New Jersey requires transient noncommunity water system daycare facilities to meet the rule.

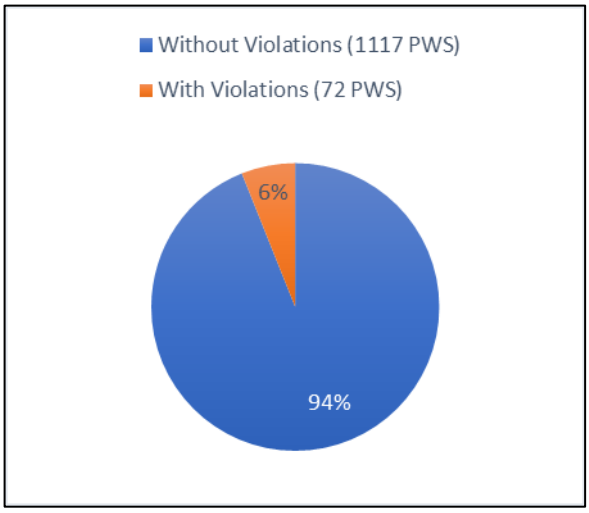


Figure 16: Percentage of Public Water Systems (PWS) with and without Inorganic Compound (excluding Nitrate) Violations during 2019.

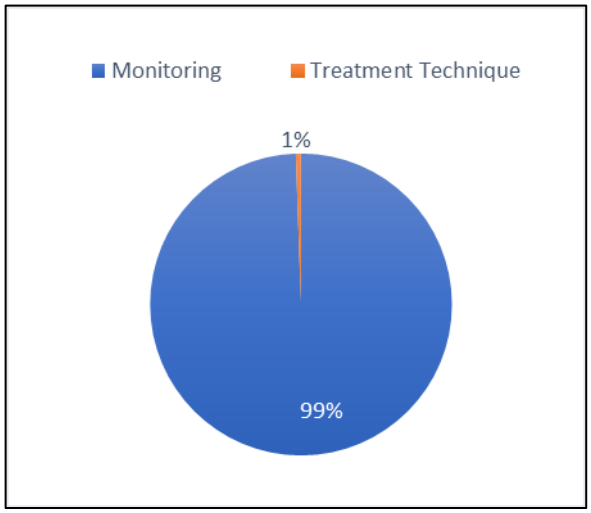


Figure 17: Percentage of types of violations incurred for Inorganic Compound (excluding Nitrate) in 2019.

3.5.1 INORGANIC COMPOUNDS: MAXIMUM CONTAMINANT LEVEL VIOLATIONS

In 2019 100% of public water systems met the MCL for all of the regulated Inorganic Compounds, excluding nitrate.

3.5.2 INORGANIC COMPOUNDS: MONITORING & REPORTING VIOLATIONS

In 2019 there were 363 M&R violations issued to 71 public water system; as of May 28, 2020, 50 (70%) public water systems subsequently monitored and/or reported properly and were returned to compliance.

3.5.3 INORGANIC COMPOUNDS: TREATMENT TECHNIQUE VIOLATIONS

New Jersey has state regulations that require any public water system that installs a treatment device or process to bring their water into compliance with any applicable MCL to monitor for that contaminant on a quarterly frequency and maintain the treatment in good working order. Any public water system that fails to maintain their treatment as required incurs a state treatment technique violation. *Note that these violations are NOT reported to USEPA and are not found in the Enforcement and Compliance History Online tool*.

In New Jersey, 176 systems have treatment installed for nitrate removal. In 2019, 5 state treatment technique violations for failure to maintain nitrate treatment systems were issued at two (2) public water systems. As of May 28, 2020, one (1) of these public water systems (50%) performed maintenance on their treatment and was returned to compliance; the other system has also performed maintenance on their treatment systems, however they operate on a seasonal basis and will be returned to compliance after they re-open and submit a second set of acceptable samples.

In New Jersey, 52 systems, including ten (10) transient noncommunity water systems, have treatment installed for arsenic removal. In 2019, two (2) state treatment technique violations were issued at two (2) of the transient noncommunity water systems for failure to maintain their arsenic removal systems. As of May 28, 2020, one (1) system is in the process of installing an updated treatment system and the other system remains out of compliance.

3.6 VOLATILE ORGANIC COMPOUNDS RULE

Volatile organic compounds are carbon-based, such as industrial solvents and pesticides. These contaminants generally get into water through runoff from cropland, discharge from factories and/or leaking underground storage tanks. Table 12 lists the MCLs that USEPA and New Jersey have established for 26 volatile organic compounds; as discussed in Section 2.3.2 above, New Jersey has set more stringent MCLs for 12 volatile organic compounds.

In 2019, a total of 1190 public water systems were required to monitor for volatile organic compounds. Of these, only 6% incurred a violation; all of these violations were M&R violations, with the exception of one (1) MCL exceedance of tetrachloroethylene at one (1) public water system and ten (10) TT violations at two (2) public water systems. Table 13 provides details for all violations incurred under the Volatile Organic Compounds Rule and Figure 18 shows the overall percentage of public water systems that incurred Volatile Organic Compound Rule violations, and Figure 19 shows the percentage of each type of violation incurred. Further details concerning each type of violation are provided in Sections 3.6.1 and 3.6.2.

Table 12: Maximum Contaminant Levels (MCLs) for Volatile Organic Compounds

Contaminant	MCL (µg/l)
Benzene	1*
Carbon Tetrachloride	2*
Chlorobenzene	50
1,2-Dichlorobenzene	600
1,3-Dichlorobenzene	600*
1,4-Dichlorobenzene	75
1,1-Dichloroethane	50*
1,2-Dichloroethane	2*
1,1-Dichloroethylene	2*
cis-1,2-Dichloroethylene	70
trans-1,2-Dichloroethylene	100
1,2-Dichloropropane	5
Ethylbenzene	700
Methyl tertiary Butyl Ether	70*
Methylene Chloride	3*
Monochlorobenzene	50*
Naphthalene	300*
Styrene	100
1, 1,2,2-Tetrachloroethane	1*
Tetrachloroethylene	1*
Toluene	1,000
1,2,4-Trichlorobenzene	9*
1,1,1-Trichloroethane	30*
1,1,2-Trichloroethane	3*
Trichloroethylene	1*
Vinyl Chloride	2
Xylenes [Total]	1,000*

* N.J. MCL [A-280]

Table 13: Volatile Organic Compound Rule violations by system type for Maximum Contaminant (MCL) Level Exceedances, Treatment Techniques (TT), and Monitoring for 2019.

Type of System	Violation Types*			Total of Violations
	MCL	TT	Monitoring	
Community	1 (1)	5 (1)	592 (31)	598
Nontransient Noncommunity	0	0	630 (31)	630
Transient Noncommunity	0	5 (1)	42 (2)	47
Grand Total	1	10	1264	1275

*Numbers in parenthesis indicate the count of systems incurring the specified violations.

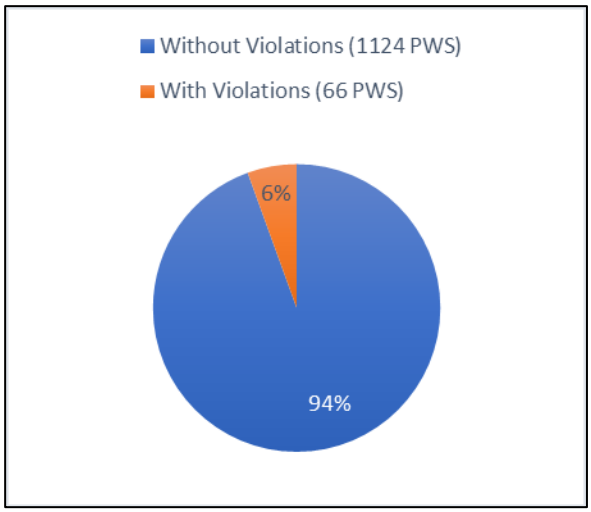


Figure 18: Percentage of Public Water Systems (PWS) with and without Volatile Organic Compound Rule Violations during 2019.

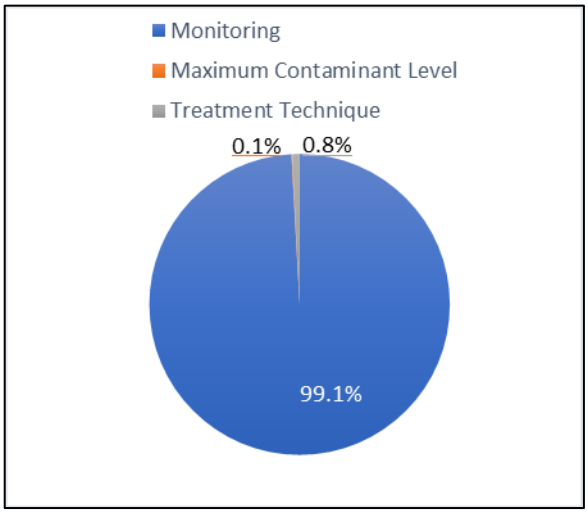


Figure 19: Percentage of types of violations incurred for Volatile Organic Compound Rule in 2019.

3.6.1 VOLATILE ORGANIC COMPOUNDS: MAXIMUM CONTAMINANT LEVEL VIOLATIONS

In 2019, the NJDEP issued one (1) MCL violations for exceeding the State limit for tetrachloroethylene at one (1) public water system. The system did not exceed the federal limit (5 µg/l) for this compound. As of May 28, 2020, this system has remediated their treatment system and their latest sample results are below the MCL. However, the running annual average is still above the MCL, so this system remains out of compliance. All the remaining volatile organic compound MCLs were met in 2019.

3.6.2 VOLATILE ORGANIC COMPOUNDS: MONITORING & REPORTING VIOLATIONS

If a water system fails to collect the entire group of volatile organic compounds, as required under both federal and state SDWAs, although one (1) violation is issued to the water system, 26 individual violations are created by the SDWIS/State data system and reported to USEPA. There were 1285 individual M&R violations issued to 65 public water system in 2019; as of May 28, 2020, 54 (83%) public water systems subsequently monitored and/or reported properly and were returned to compliance.

3.6.3 VOLATILE ORGANIC COMPOUNDS: TREATMENT TECHNIQUE VIOLATIONS

In New Jersey, 179 systems have treatment installed for volatile organic compound removal. In 2019, ten (10) state treatment technique violations for failure to maintain their treatment systems were issued at two (2) public water systems. As of May 28, 2020, the Division is working with both of these systems to assist them in returning to compliance.

3.7 RADIOLOGICAL RULE

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

Radioactive particles occur both naturally in water and as a result of human activity. USEPA has established MCL limits for gross alpha particle activity (including radium-226 and excluding radon and uranium), combined radium 226/228, beta photon emitters, and uranium as shown in the sidebar.

Radiological Maximum Contaminant Levels

- Combined radium 226/228 = 5 picocuries/l (pCi/l);
- Gross alpha particle radioactivity (including radium 226 but excluding radon and uranium) = 15 pCi/l;
- Uranium = 30 µg/l.
- New Jersey has determined that there are no water systems in the state that are vulnerable to beta photon emitters and therefore does not require monitoring.

In 2019, a total of 1189 public water systems, including all nontransient noncommunity water systems, were required to monitor for radionuclides. Of these, only 17% incurred a violation, the majority of which were M&R violations. Table 14 provides details for all violations incurred under the Radiological Rule. Figure 20 shows the overall percentage of public water systems that incurred Radiological Rule violations, and Figure 21 shows the percentage of each type of violation incurred. Further details concerning each type of violation are provided in Sections 3.7.1 and 3.7.4.

Table 14: Radiological Rule violations by system type for Maximum Contaminant (MCL) Level Exceedances, Treatment Techniques (TT), and Monitoring for 2019.

Type of System	Violation Types*			Total of Violations
	MCL	TT	Monitoring	
Community	6 (2)	5 (1)	252 (35)	263
Nontransient Noncommunity	26 (12)	25 (3)	723 (142)	774
Transient Noncommunity**	0	0	48 (8)	48
Grand Total	32	30	1023	1085

*Numbers in parenthesis indicate the count of systems incurring the specified violations.

** 7 nontransient noncommunity systems were reclassified to transient systems; the remaining transient system is a daycare system

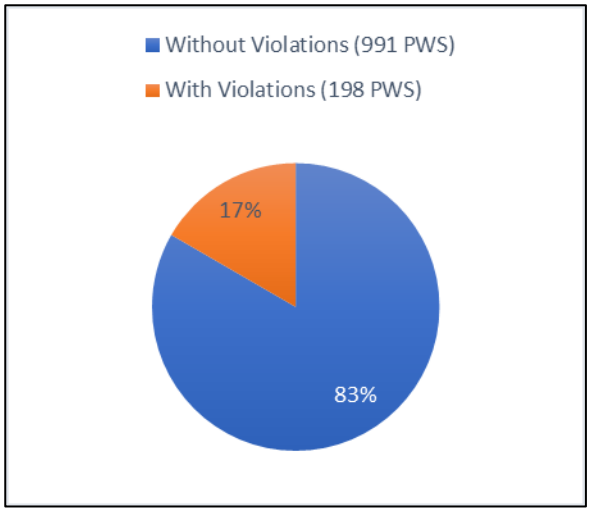


Figure 20: Percentage of Public Water Systems (PWS) with and without Radiological Rule Violations during 2019.

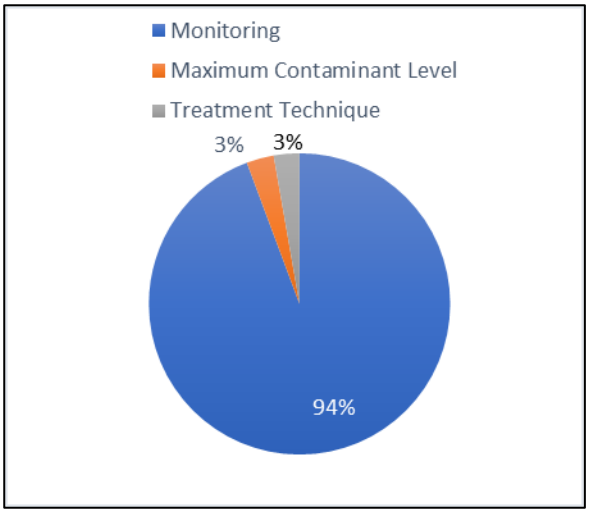


Figure 21: Percentage of types of violations incurred for Radiological Rule during 2019.

3.7.1 RADIOLOGICAL RULE ANALYTICAL TECHNIQUE

Samples from wells drawing from New Jersey's Cohansey aquifer, located in southern New Jersey, have 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. Since there is no federal or state standard for radium 224, the NJDEP requires the analysis of drinking water samples for gross alpha particle activity by Standard Method ECLS-R-GA Rev 8, which requires analysis within 48 hours and captures radium 224 activity, instead of up to a year after collection, as allowed by the federal Radiological Rule.

3.7.2 RADIOLOGICAL RULE: MAXIMUM CONTAMINANT LEVEL VIOLATIONS

In 2019, NJDEP issued 32 MCL violations for combined radium, gross alpha and combined uranium at 14 public water systems. As of May 28, 2020, two (2) public water systems (14%), have met the MCL and returned to compliance. The Division is working with the remaining 12 systems to assist them in returning to compliance.

3.7.3 RADIOLOGICAL RULE: MONITORING & REPORTING VIOLATIONS

In 2019, there were 1028 M&R violations issued to 186 public water system; as of May 28, 2020, 119 (64%) public water systems subsequently monitored and/or reported properly and were returned to compliance. 48 of these M&R violations were issued to eight (8) nontransient noncommunity water systems; seven (7) of these systems have subsequently been re-classified to transient noncommunity water systems and are no longer required to monitor for radiological contaminants. One (1) transient noncommunity water system is a day care facility and New Jersey holds day care facilities to the same standards as nontransient noncommunity systems. *Note that the federal Radiological Rule does not apply to nontransient or transient noncommunity water systems and these violations will not be found in the Enforcement and Compliance History Online tool*.

3.7.4 RADIOLOGICAL RULE: TREATMENT TECHNIQUE VIOLATIONS

In New Jersey, 90 systems have treatment installed for radionuclide removal. In 2019, 30 state treatment technique violations for individual radiological analytes were issued to four (4) public water system for failure to maintain radiological removal. As of May 28, 2020, one (1) public water system has performed maintenance on their treatment system and returned to compliance. The Division is working with the remaining three (3) systems to assist them with returning to compliance. *Note that these violations are state violations and are NOT reported to USEPA; these violations are not found in the Enforcement and Compliance History Online tool*.

3.8 SYNTHETIC ORGANIC COMPOUNDS RULE

USEPA has established monitoring requirements for 33 synthetic organic compounds and MCLs for 30 synthetic organic compounds, and New Jersey has established state monitoring requirements and an MCL for an additional synthetic organic compound, 1,2,3-trichloropropane, which became effective in 2019. Table 15 lists the MCLs that USEPA and New Jersey have established for synthetic organic compounds. According to the Federal SDWA, every three (3) years community and nontransient noncommunity water systems are required to either sample their finished water for synthetic organic compounds or obtain a state-issued waiver from sampling. Synthetic Organic Compound Sampling Waivers are based on the use of the synthetic organic compounds in New Jersey and/or the susceptibility of the water sources to contamination. As part of New Jersey's EPA-approved synthetic organic compound waiver process, the NJDEP collects raw-water screening samples statewide from potentially vulnerable sources which are then analyzed at the New Jersey Department of Health Environmental laboratory. Based on the results of the synthetic organic compound screening samples collected in 2018 (130 groundwater wells/21 surface water intakes), the majority of the water systems subject to the Synthetic Organic Compound Rule monitoring requirements were issued waivers for the 2017-2019 compliance period. The 2017-2019 waiver did not, however, include Dibromochloropropane (DBCP), Ethylene Dibromide (EDB), and 1,2,3-Trichloropropane (1,2,3-TCP), and all community and nontransient noncommunity water systems are required to monitor on an initial frequency of quarterly for these compounds. This monitoring is being phased-in, with community

Table 15: Maximum Contaminant Levels (MCLs) for Synthetic Organic Compounds

Contaminant	MCL (ug/l)
Alachlor	2
Aldicarb	+
Aldicarb Sulfone	+
Aldicarb Sulfoxide	+
Atrazine	3
Benzo[a]pyrene	0.2
Carbofuran	40
Chlordane	0.5*
Dalapon	200
Dibromochloropropane [DBCP]	0.2
Di[2-ethylhexyl]adipate	400
Di[2-ethylhexyl]phthalate	6
Dinoseb	7
Diquat	20
Endothall	100
Endrin	2
Ethylene dibromide [EDB]	0.05
Glyphosate	700
Heptachlor	0.4
Heptachlor Epoxide	0.2
Hexachlorobenzene	1
Hexachloroclyclopentadiene	50
Lindane (BHC-Gamma)	0.2
Methoxychlor	40
Oxamyl	200
PCBs	0.5
Pentachlorophenol	1
Picloram	500
Simazine	4
Toxaphene	3
2,3,7,8—TCDD [Dioxin]	$3x10^{-5}$
2,4-D	70
2,4,5-TP [Silvex]	50
1,2,3-Trichloropropane (1,2,3-TCP)	0.030*

* N.J. MCL [A-280]
+No MCL – Monitoring Required

water systems serving fewer than 10,001 residents and utilizing a ground water source, and nontransient noncommunity water systems beginning in 2019.

Based on detections from either the 2018 screening sampling or from a prior compliance period screening sampling event, 11 public water systems were required to monitor for one or more specific, individual synthetic organic compounds, in addition to EDB, DBCP and 1,2,3-TCP.

Any water system that exceeds a Synthetic Organic Compound Rule MCL incurs an MCL violation and any system that fails to complete the required monitoring incurs an M&R violation. Details concerning violations incurred under the Synthetic Organic Compounds Rule are listed in Table 16. Figure 22 shows the overall percentage of public water systems that incurred Synthetic Organic Compound Rule violations, and Figure 23 shows the percentage of each type of violation incurred. Further details concerning each type of violation are provided in Sections 3.8.1 and 3.8.2.

Table16: Synthetic Organic Compounds Rule violations by system type for Maximum Contaminant (MCL) Level Exceedances and Monitoring for 2019.

Type of System	Violation Type		Total of Violations
	MCL	Monitoring	
Community	6 (2)	247 (49)	253
Nontransient Noncommunity	0	263 (80)	263
Transient Noncommunity	0	12 (3)	12
Grand Total	6	522	528

*Numbers in parenthesis indicate the count of systems incurring the specified violations.

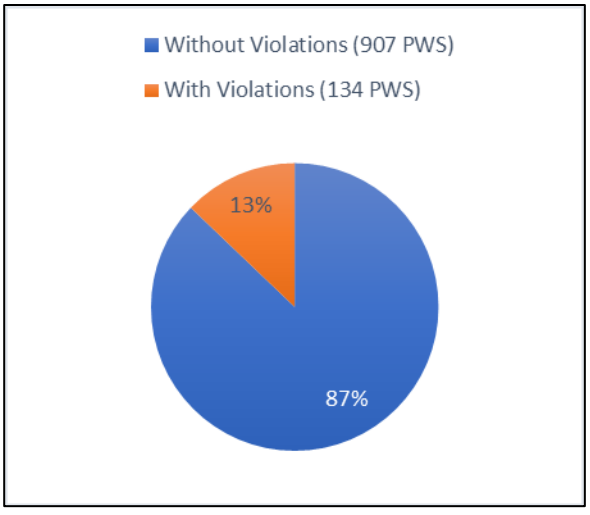


Figure 22: Percentage of Public Water Systems (PWS) with and without Synthetic Organic Compound Rule Violations during 2019.

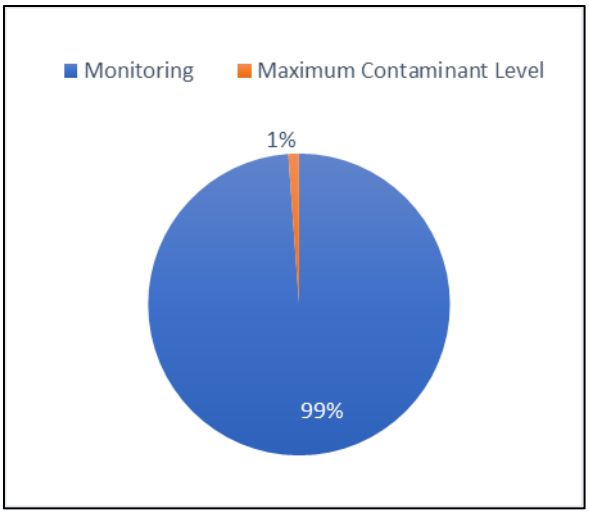


Figure 23: Percentage of types of violations incurred for Synthetic Organic Compound Rule in 2019.

3.8.1 SYNTHETIC ORGANIC COMPOUNDS RULE: MAXIMUM CONTAMINANT LEVEL VIOLATIONS

In 2019, there were six (6) MCL violations were at two (2) public water systems were issued for exceedances of the Synthetic Organic Compounds Rule MCL, specifically for 1,2,3-TCP. One (1) of these systems has subsequently met the MCL and returned to compliance and the other system is working with the Division to return to compliance.

3.8.2 SYNTHETIC ORGANIC COMPOUNDS RULE: MONITORING & REPORTING VIOLATIONS

In 2019, there were 520 M&R violations issued to 131 public water systems for EDB, DBCP and/or 1,2,3-TCP; as of May 28, 2020, 130 (99%) public water systems subsequently monitored and/or reported properly and were returned to compliance.

Of the 11 public water systems that were required to monitor for specific, individual Synthetic Organic Compounds other than EDB, DBCP and 1,2,3-TCP, two (2) of these systems each received one (1) individual M&R violation. Both of these systems have subsequently monitored and have been returned to compliance.

3.9 PERFLUOROALKYL ACIDS

Perfluorononanoic acid (PFNA) belongs to a group of chemicals called per- and polyfluorinated alkyl substances that are extremely persistent in the environment and highly mobile in water. PFNA is a man-made chemical historically used as a processing aid in the manufacturing of high-performance plastics that are resistant to both harsh chemicals and high temperatures. PFNA is very slowly eliminated from the human body and it may cause toxicity to the liver, immune system, and male reproductive system, and delayed growth in infants. New Jersey has established an MCL of 0.013 micrograms per liter for PFNA.

In 2019, a total of 1029 public water systems were required to monitor for PFNA. Of these, only 14% incurred a violation; most of these violations were M&R violations, with the exception of 21 MCL exceedances at 11 public water systems. Table 17 provides details for all PFNA violations incurred, Figure 24 shows the overall percentage of public water systems that incurred PFNA violations, and Figure 25 shows the percentage of each type of violation incurred. Further details concerning each type of violation are provided in Sections 3.9.1 and 3.9.2

Table 17: Perfluorononanoic Acid violations by system type for Maximum Contaminant (MCL) Level Exceedances and Monitoring for 2019.

	Violation Type		Total of
Type of System	MCL	Monitoring	**Violations**
Community (<10,001)	4 (3)	68 (47)	72
Nontransient Noncommunity	17 (8)	112 (86)	129
Transient Noncommunity*	0	3 (2)	3
Grand Total	21	183	204

Numbers in parenthesis indicate the count of systems incurring the specified violations.
* 7 nontransient noncommunity systems were reclassified to transient systems.

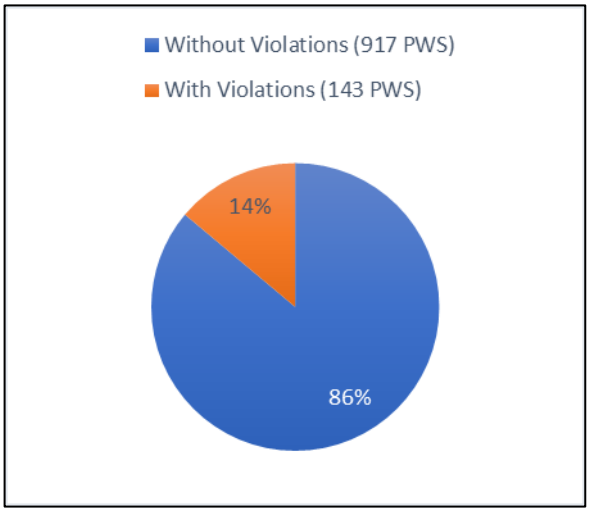


Figure 24: Percentage of Public Water Systems (PWS) with and without Perfluorononanoic Acid Violations during 2019.

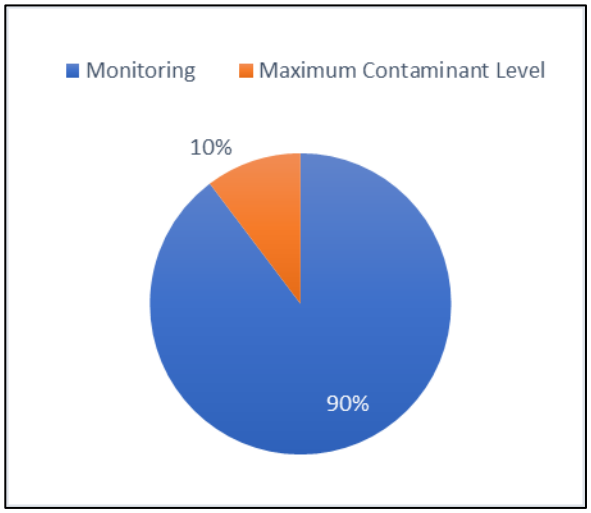


Figure 25: Percentage of types of violations incurred for Perfluorononanoic Acid in 2019.

3.9.1 PERFLUORONONANOIC ACID: MAXIMUM CONTAMINANT LEVEL VIOLATIONS

In 2019, the NJDEP issued 21 MCL violations for exceeding the State MCL for Perfluorononanoic Acid (PFNA) at 11 public water systems. As of May 28, 2020, the Division is working with these systems to assist them in returning to compliance.

3.9.2 PERFLUORONONANOIC ACID: MONITORING & REPORTING VIOLATIONS

In 2019, the NJDEP issued 183 M&R violations to 135 public water systems, as of May 28, 2020, 134 (99%) public water systems subsequently monitored and/or reported properly and were returned to compliance.

3.10 LEAD AND COPPER RULE

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. The Lead and Copper Rule is applicable to all community and nontransient noncommunity water systems and the rule established action levels (ALs) for both lead and copper. An AL is similar to an MCL, but a violation is not incurred if the AL is exceeded; instead exceeding the AL (at the 90th percentile level of samples collected) triggers activities that must be conducted, such as monitoring for water quality parameters, conducting corrosion control studies, the installation of corrosion control treatment and the issuance of public education. If a public water system fails to complete

any of these required activities, they incur either a treatment technique violation, an M&R violation or a separate reporting violation.

The Lead and Copper Rule also established specific criteria for the selection of sample sites within the distribution system. A tiered approach is used with the highest tier targeting those locations most vulnerable to lead leaching out of the pipes. These "Tier 1" locations are identified by the presence of lead plumbing, copper pipes with lead solder installed after 1982, or the presence of lead service lines.

Beginning in January 2017, NJDEP required all large water systems to return their lead and copper monitoring to their original population-based requirement (standard monitoring) for two (2) consecutive six (6) month monitoring periods. A schedule for requesting the submittal of Lead and Copper Sample Plans was also established for systems based on the compliance history of the public water system, the presence of sensitive populations, and whether corrosion control treatment is currently installed. These plans continue to be called in and are reviewed for appropriate sample site Tier selection. Public water systems found to have sampling sites that do not meet Tier requirements are placed back on standard monitoring. In 2019, 41 Lead and Copper Sample Plans were requested, to bring the total number of plans requested to date to 665. Of these 69 were approved in 2019 for a total of 500 (75%) plans approved. A public water system that fails to submit a requested Lead and Copper Sample Plan, or that fails to respond to a plan deficiency letter, incurs a state-type violation. *Note that these violations are NOT reported to USEPA and are not found in the Enforcement and Compliance History Online tool.*

The Lead and Copper Rule requires public education to be sent to all customers whenever a lead AL is exceeded, and the rule also requires a Lead Consumer Notice to be sent to each consumer that was sampled for lead and copper. A public water system that fails to issue public education incurs a treatment technique violation and a public water system that fails to prepare and distribute their Lead Consumer Notices incurs a reporting violation.

In 2019 a total of 1268 public water system were required to comply with the Lead and Copper Rule, along with an additional nine (9) transient noncommunity water systems and non-public daycare systems. Of these 1293 systems, 32% incurred a violation under the Lead and Copper Rule. Table 18 provides details for all violations incurred under the Lead and Copper Rule. Figure 26 shows the overall percentage of public water systems that incurred Lead and Copper Rule violations, and Figure 27 shows the percentage of each type of violation incurred. Further details concerning each type of violation are provided in Sections 3.9.1 through 3.9.5.

Table 18: Lead and Copper Rule violations by system type for Action Level Exceedances (ALEs), Treatment Techniques (TT), Monitoring, and Reporting for 2019.

Type of System	Violation Types*					Total of Violations
	Lead ALEs	Copper ALEs	TT	Monitoring	Reporting	
Community	19 (14)	8 (7)	7 (7)	157 (96)	136 (101)	327
Nontransient Noncommunity	26 (23)	22 (20)	14 (11)	152 (93)	180 (142)	394
Transient Noncommunity	1 (1)	0	3 (3)	7 (6)	7 (6)	18
Grand Total	46	30	24	316	323	739

*Numbers in parenthesis indicate the count of systems incurring the specified violations.

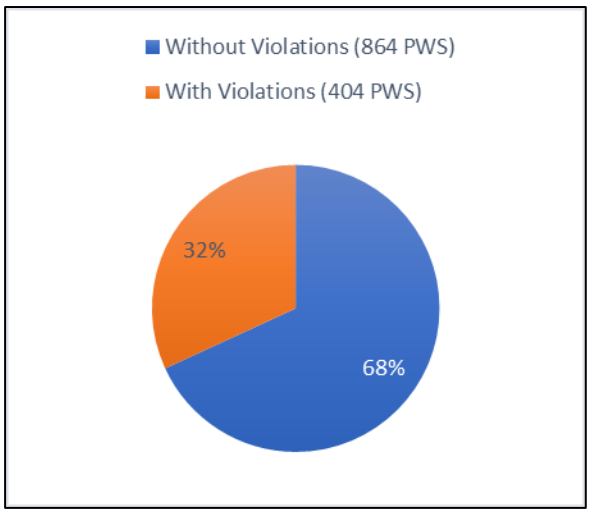


Figure 26: Percentage of Public Water Systems (PWS) with and without Lead and Copper Rule Violations during 2019.

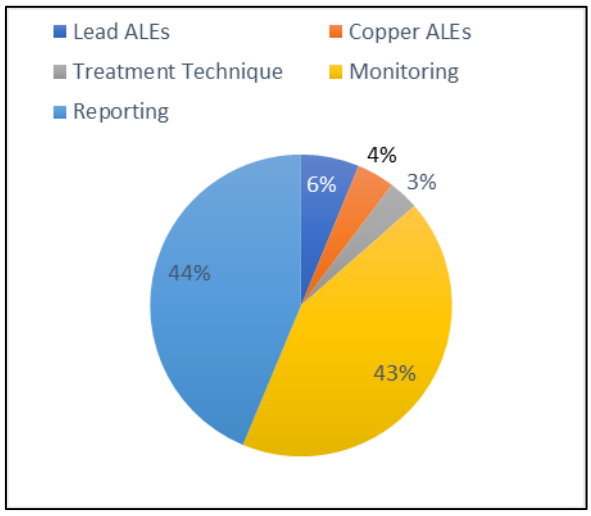


Figure 27: Percentage of types of violations incurred under the Lead and Copper Rule during 2019.

3.10.1 LEAD AND COPPER RULE: ACTION LEVEL EXCEEDANCES

In 2019, the lead AL was exceeded during 46 monitoring events at 37 public water systems and one (1) transient day care center; the copper AL was exceeded during 30 monitoring events at 27 public water systems. seven (7) of these public water systems exceeded both the lead and the copper ALs. As of May 28, 2020, two (2) of these systems have met the lead and/or copper action levels and have been returned to compliance. The remaining public water systems remain out of compliance with the ALs and are continuing to work towards compliance by conducting water quality parameter monitoring, conducting corrosion control studies, and/or installing of corrosion control treatment.

3.10.2 LEAD AND COPPER RULE: TREATMENT TECHNIQUE VIOLATIONS

In 2019, 24 treatment technique violations were issued at 21 public water systems for violations under the Lead and Copper Rule; ~~three (3) of~~ none of these violations were for the failure to

provide public education. As of May 28, 2020, three (3) (14%) public water systems have completed the required activity and have returned to compliance.

3.10.3 LEAD AND COPPER RULE: MONITORING & REPORTING VIOLATIONS

In 2019, 315 M&R violations were issued to 194 public water systems for failing to complete lead and copper, water quality parameter, and/or source water monitoring. As of May 28, 2020, 144 (74%) public water systems have completed the required monitoring and have returned to compliance. An additional 282 reporting violations were also issued to 232 public water systems for failing to provide Lead Consumer Notices; as of May 28, 2020, 189 (82%) public water systems completed the required notifications and have returned to compliance.

3.10.4 LEAD AND COPPER RULE: SAMPLE PLAN DEFICIENCY VIOLATIONS

In 2019, 14 violations were issued to 9 systems for failing to respond to a sample plan deficiency. As of May 28, 2020, 5 (56%) public water systems have responded and corrected their sample plan deficiencies and were returned to compliance. *Note that these are state violations and are NOT reported to USEPA; and are not found in the Enforcement and Compliance History Online tool.*

3.10.5 LEAD AND COPPER RULE: DAY CARE SYSTEMS

Although the Federal Lead and Copper Rule does not apply to transient noncommunity water systems or to non-public systems, if the system is a day care, New Jersey holds them to the same standards as a nontransient noncommunity water system. In 2019 a single instance of a lead ALE occurred at a day care classified as a transient noncommunity water system. As of May 28, 2020, this system is currently in the process of conducting water quality parameter monitoring, conducting corrosion control studies, and/or installing of corrosion control treatment in order to come back into compliance with the Lead and Copper Rule. There were also one (1) treatment technique violation issued to one (1) transient noncommunity water systems and as of May 28, 2020, this system has completed the required activities and returned to compliance. *Note that these violations are NOT reported to USEPA and are not found in the Enforcement and Compliance History Online tool*.

3.11 PUBLIC NOTIFICATION

Any public water system that incurs a violation of a national primary drinking water regulation must give notice to its consumers. Public notification requirements are divided in to three (3) tiers that take into account the seriousness of the violation and the potential for adverse health effects. Tier 1 notices are required for all acute violations i.e. violations that have significant potential for adverse health effects as a result of short-term exposure; tier 2 notices are required for all other violations that could result in adverse health effects and tier 3 notices are required for any other violation, i.e. monitoring and/or reporting violations. The Division works with public water systems that are required to issue tier 1 public notifications to ensure that the mandatory language is incorporated in the public notification and the Division reviews them prior to their issuance. Any public water system that fails to prepare and deliver the appropriate tier public notification incurs a violation.

In 2019, 30 violations were issued to 24 public water systems for failing to provide a public notification to its consumers after the incurrence of a violation. As of May 28, 2020, 14 public water systems (58%) have provided the required public notification and have returned to compliance.

3.12 CONSUMER NOTIFICATION VIOLATIONS

The Consumer Confidence Report rule requires all community water systems to prepare and distribute an annual water quality report summarizing information regarding source water, detected contaminates, compliance, and educational information applicable to their water system. The report must be delivered annually to their customers by July 1st and by October 1st a certification, along with a copy of the Consumer Confidence Report, must be submitted to the State showing that it was delivered to their customers. The Consumer Confidence Report must contain data for the preceding year in a format that is detailed in Federal and State regulations. New Jersey conducts a review of Consumer Confidence Reports submitted by any water system that had MCL violations in the previous reporting year. Any water system that fails to prepare and deliver a Consumer Confidence Report to their customers by July 1st of each year or submits a report with deficient content incurs a reporting violation.

In 2019, 51 reporting violations were issued to 50 public water systems for failing to provide a Consumer Confidence Report to their customers by July 1, 2018; no violations were incurred for providing a CCR with deficient content. As of May 28, 2020, 41 of the 50 community water systems (82%) have correctly prepared the required Consumer Confidence Reports and distributed the report to their customers and have returned to compliance.

3.13 ADDITIONAL REQUIREMENTS IN NEW JERSEY

In addition to the state-specific monitoring and MCL requirements discussed above, there are several other requirements that New Jersey holds public water systems accountable for through the New Jersey State SDWA. In 2019, New Jersey issued 13 state TT and Reporting violations to ten (10) public water systems.

3.13.1 TREATMENT TECHNIQUE REQUIREMENTS

The New Jersey State SDWA requires any public water system that exceeds a Federal or State MCL to take any action necessary to bring the water into compliance with the applicable MCL within one (1) year after receipt of the sample results that demonstrated an exceedance of the MCL. Systems incur a state-type TT violation if they fail to return to compliance with the MCL within the one (1) year timeframe.

In 2019, the NJDEP issued eight (8) violations to six (6) public water systems for failing to bring the water back in to compliance with an MCL. As of May 28, 2020, one (1) system has completed measures to bring their system back into compliance with the MCL and one (1) system has been referred to the NJDEP's Water Compliance and Enforcement program.

3.13.2 REPORTING REQUIREMENTS

The New Jersey State SDWA requires any public water system that exceeds a Federal or State MCL to submit to the Division a Remedial Measures Report within 30 days of notification of the violation. The Remedial Measures Report must outline any measure taken, or proposed to be taken, to bring the system back into compliance. Systems incur a state-type reporting violation if they fail to submit the Remedial Measure Report.

In 2019, the NJDEP issued four (4) reporting violations to three (3) public water systems for failing to submit a Remedial Measures Report. As of May 28, 2020, one (1) system has submitted their Remedial Measures Report and returned to compliance and one (1) system has been referred to the NJDEP's Water Compliance and Enforcement program.

New Jersey also requires pubic water systems that utilize a surface water source to conduct continuous monitoring for both disinfectant residual and turbidity and the accuracy of the continuous monitoring equipment must be verified by collecting a grab sample of the effluent at least once in every 24-hour period. Systems that fail to calibrate their instruments incur a state-type reporting violation.

In 2019, the NJDEP issued one (1) violation to one (1) public water system for not calibrating their continuous monitoring instrumentation and as of May 28, 2020, this system has returned to compliance.

Appendix A: List of Safe Drinking Water Act Violation Types with Federal Reporting Codes

Note that not all the below violation types were incurred by water systems during the January 1, 2019 through December 31, 2019 time period.

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
01	Inorganic Compounds, Volatile Organic Compound, Radiological, Synthetic Organic Compounds	MCL	MCL, Single Sample	Any Regulated Contaminant		Failure to comply with the Maximum Contaminant Level (MCL) for any analyte set forth in 40 CFR 141 where a single sample causes the running annual average to exceed the MCL.
1A	Revised Total Coliform Rule	MCL	MCL, E. Coli (Revised Total Coliform Rule)	E Coli	3014	Failure to comply with the Maximum Contaminant Level (MCL) for total coliforms, including repeat sample collection and speciation requirements, as set forth in 40 CFR 141.860(a).
1Y	Disinfection By-Product, Inorganic Compounds, Volatile Organic Compound, Radiological, Synthetic Organic Compounds	State Violation Type	Failure to Remediate MCL within 1 Year	State Rule	State Rule	Failure to take any action necessary within one (1) year to bring the water into compliance with the applicable MCL, after incurring a violation of a promulgated MCL for any of the contaminants regulated pursuant to the National Regulations and N.J.A.C. 7:10-5.2, in accordance with N.J.A.C. 7:10-5.7(a).
02	Disinfection By-Product, Inorganic Compounds, Volatile Organic Compound, Radiological, Synthetic Organic Compounds	MCL	MCL, More Than 1 Sample	Any Regulated Contaminant		Failure to comply with the Maximum Contaminant Level (MCL) for any analyte set forth in 40 CFR 141 where the running annual average exceeds the MCL.
2A	Revised Total Coliform Rule	Treatment Technique	Level 1 Assess, Total Coliform Positive Routine No Repeat (Revised Total Coliform Rule)	Revised Total Coliform Rule	8000	Failure to conduct an assessment in accordance with 40 CFR 141.859(b) after exceeding any of the treatment technique triggers outlined in 40 CFR 141.859(a) in accordance with 40 CFR 141.860(b). *Specifically, your system failed to collect every required repeat sample for each total-coliform positive sample and failed to conduct an adequate Level 1 Assessment.*
2A	Revised Total Coliform Rule	Treatment Technique	Level 1 Assess, Multiple Total Coliform Positive (Revised Total Coliform Rule)	Revised Total Coliform Rule	8000	Failure to conduct an assessment in accordance with 40 CFR 141.859(b) after exceeding any of the treatment technique triggers outlined in 40 CFR 141.859(a) in accordance with 40 CFR 141.860(b). *Specifically, your system had multiple total-coliform positive samples and failed to conduct an adequate Level 1 Assessment.*

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
2B	Revised Total Coliform Rule	Treatment Technique	Level 2 Assessment, 2nd Level 1 (Revised Total Coliform Rule)	Revised Total Coliform Rule	8000	Failure to conduct an assessment in accordance with 40 CFR 141.859(b) after exceeding any of the treatment technique triggers outlined in 40 CFR 141.859(a) in accordance with 40 CFR 141.860(b). *Specifically, your system had a second Level 1 Trigger, as defined in 40 CFR 141.859(a)(1), within a rolling 12-month period and failed to conduct an adequate Level 2 Assessment.*
2B	Revised Total Coliform Rule	Treatment Technique	Level 2 Assessment, MCL Triggered (Revised Total Coliform Rule)	Revised Total Coliform Rule	8000	Failure to conduct an assessment in accordance with 40 CFR 141.859(b) after exceeding any of the treatment technique triggers outlined in 40 CFR 141.859(a) in accordance with 40 CFR 141.860(b). *Specifically, your system had a E. coli MCL exceedance and failed to conduct an adequate Level 2 Assessment.*
2C	Revised Total Coliform Rule	Treatment Technique	Corrective/Expedited Actions (Revised Total Coliform Rule)	Revised Total Coliform Rule	8000	Failure to correct sanitary defects found through either Level 1 or Level 2 assessments within the specified timeframe in 40 CFR 141.859(b) and (c) and in accordance 40 CFR 141.860(b).
2D	Revised Total Coliform Rule	Treatment Technique	Startup Procedures Treatment Technique (Revised Total Coliform Rule)	Revised Total Coliform Rule	8000	Failure to complete State-approved start up procedures prior to serving water to the public in accordance with 40 CFR 141.856(a), 40 CFR 141.857(a) and 40 CFR 141.860(b)2).
03	Inorganic Compounds, Volatile Organic Compound, Radiological, Synthetic Organic Compounds	M&R	Monitoring	Any Regulated Contaminant		Failure to monitor for any analyte and/or submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test, measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is shortest, in accordance with N.J.A.C. 7:10 and 40 CFR 141.
3A	Revised Total Coliform Rule	Monitoring	Monitoring, Routine (Revised Total Coliform Rule)	E Coli	3014	Failure to monitor for total coliforms at a frequency specified in 40 CFR 141.853 et seq. in accordance with 40 CFR 141.860(c)(1).
3B	Revised Total Coliform Rule	Monitoring	Monitoring, Additional or Routine (Revised Total Coliform Rule)	E Coli	3014	Failure to conduct additional routine monitoring the month following one or more total-coliform positive samples in accordance with 40 CFR 141.854(j), 40 CFR 141.855(f) and 40 CFR 141.860(c)(1).
3C	Revised Total Coliform Rule	Monitoring	Monitor Coliform Turbidity	E coli	3014	Failure to collect at least one total-coliform sample near the first service connection each day that the turbidity level of the source water exceeds 1 NTU, in accordance with 40 CFR 141.857(c).
3D	Revised Total Coliform Rule	Monitoring	Monitoring, Lab Cert/Method Error	E coli	3014	Failure to analyze for E. coli following a total coliform-positive routine sample in accordance with 40 CFR 141.860(c)2.

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
			(Revised Total Coliform Rule)			
4B	Revised Total Coliform Rule	Reporting	Report Sample Result/Failure to Monitor (Revised Total Coliform Rule)	E Coli	3014	Failure to submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test, measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is shortest, in accordance with N.J.A.C. 7:10-5.4(a) and 40 CFR 141.860(d)(1).
4C	Revised Total Coliform Rule	Reporting	Report Startup Procedures - Certification Form (Revised Total Coliform Rule)	Revised Total Coliform Rule	8000	Failure to certify, prior to serving water to the public, that State-approved start up procedures have been complied with in accordance with 40 CFR 141.861(a)(5) and 40 CFR 141.860(d)(3).
5A	Revised Total Coliform Rule	Reporting	Sample Siting Plan Errors (Revised Total Coliform Rule)	Revised Total Coliform Rule	8000	Failure to develop an adequate written sample siting plan that identifies sampling sites and includes a sample collection schedule that is representative of the water throughout the distribution system in accordance with 40 CFR 141.853(a).
11	Disinfection By-Product	MRDL	MRDL, Non-Acute	Chlorine Dioxide, Chloramine, Chlorine	1008, 1006, 0999	Failure to comply with the Maximum Contaminant Level (MCL) for chlorine dioxide, chloramine, or chlorine as set forth in 40 CFR 141.65(a).
12	Disinfection By-Product	Treatment Technique	Qualified Operator Failure	Stage 1 Rule	0400	Failure to employ a state-approved qualified operator in accordance with 40 CFR 141.130(c).
13	Disinfection By-Product	MRDL	MRDL, Acute	Chlorine dioxide	1008	Failure to comply with the MRDL for chlorine dioxide in accordance with 40 CFR 141.133(c)(2)(i).
19	Ground Water Rule	M&R	Ground Water Rule Assessment Monitoring, Major	E Coli	3014	Failure to conduct assessment monitoring in accordance with 40 CFR 141.402(b).
20	Ground Water Rule	Reporting	Ground Water Rule Failure to Consult	Ground Water Rule	0700	Failure to consult with the State regarding the appropriate corrective action within 30 days of receiving written notification from a laboratory that a ground water source sample collected under 141.402(a)(3) was found to be fecal indicator-positive, or direction from the State that a fecal indicator-positive sample requires corrective action in accordance with 40 CFR 141.403(a)4.
27	Disinfection By-Product	M&R	Disinfection By-Product Monitoring	TTHM, HAA5	2950, 2456	Failure to monitor for disinfection byproducts (Total Trihalomethanes, Haloacetic Acids or both) and/or submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test,

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
						measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is shortest, end of the monitoring period in accordance with N.J.A.C. 7:10-5.4(a) and 40 CFR 141.132(b)
27	Disinfection By-Product	M&R	Monitoring, Routine (Disinfection By-Product)	Disinfection By-Product Precursors	2920	Failure to monitor for disinfection by-product Precursors (source and finished water TOC samples and/or source water alkalinity samples) and/or submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test, measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is shortest, in accordance with N.J.A.C. 7:10-5.4(a) and 40 CFR 141.132(d).
27	Disinfection By-Product	M&R	Monitoring, Routine (Disinfection By-Product)	Bromate; also used for chlorite and chlorine dioxide	1011, 1009, 1008	Failure to monitor for bromate and/or submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test, measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is shortest, end of the monitoring period in accordance with N.J.A.C. 7:10-5.4(a) and 40 CFR 141.132(b)3.
27	Disinfection By-Product	M&R	Monitoring, Routine (Disinfection By-Product)	Chlorine or Chloramine	0999, 1006	Failure to measure the disinfectant residual level in the distribution system at the same time and place as total coliforms are sampled as specified in 40 CFR 141.132(c)1 and/or submit a compliance sampling report to the Department within ten days after the end of each quarter in which samples were collected in accordance with 40 CFR 141.134(a).
29	Surface Water Treatment Rule	M&R	Failure to Produce Filter Assessment	Turbidity, Interim Enhanced Surface Water Treatment Rule	0100, 0300	Failure to conduct and submit a filter profile, filter self- assessment or comprehensive performance evaluation to the State in accordance with 40 CFR 141.175(b).
31	Ground Water Rule	Monitoring	Monitoring (Ground Water Rule)	Ground Water Rule	0700	Failure to monitor for the effectiveness and reliability of treatment of the ground water source and submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test, measurement, or analysis is made, in accordance with N.J.A.C. 7:10-5.4(a) and 40 CFR 141.403(b)3. (used for systems with 4 log treatment OR failure to collect 4hr gab samples upon failure of continuous monitoring equipment)

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
31	Surface Water Treatment Rule	M&R	Monitoring, (Surface Water Treatment Rule -Unfiltered Systems)	Chlorine, Chloramine	0999, 1006	Failure to measure the disinfectant residual level in the distribution system at the same time and place as total coliforms are sampled as specified in 40 CFR 141.74(b)6 and/or submit a compliance sampling report to the Department within ten days after the end of each month that the system serves water to the public in accordance with 40 CFR 141.75(b)(2), specifically more than 90% but less than 100% of the required samples were collected.
31	Surface Water Treatment Rule	M&R	Monitoring, Major (Surface Water Treatment Rule - Unfiltered Systems)	Chlorine, Chloramine	0999, 1006	Failure to continuously monitor the residual disinfectant concentration of the water entering the distribution system and/or report the lowest daily disinfectant residual along with the date and duration of any period when the residual disinfectant concentration fell below 0.2 mg/L in accordance with 40 CFR 141.74(c)2 and 40 CFR 141.75(b)2.
31	Surface Water Treatment Rule	M&R	Monitoring, Major (Surface Water Treatment Rule - Unfiltered Systems)	Turbidity	0100	Failure to perform turbidity measurements using a continuous turbidimeter on representative samples of filtered water and report values every four hours (or more frequently) that the system serves water to the public in accordance with 40 CFR 141.174(b).
32	Surface Water Treatment Rule		Monitoring, Source (Long-Term Enhanced Surface Water Treatment Rule)	E coli	3014	Failure to monitor as outlined in the approved Long-Term Enhanced Surface Water Treatment Rule Monitoring Schedule in accordance with 40 CFR 141. 701(b).
34	Ground Water Rule	Monitoring	Monitor Ground Water Rule Triggered/Additional	E. Coli	3014	Failure to collect a ground water source sample as specified in 40 CFR 141.402(a)1 and/or collect a groundwater sample within 24 hours of notification as specified in 40 CFR 141.402(a)2.
35	Disinfection By-Product Rule	Reporting	Failure Submit Operational Evaluation Level Report for HAA5 or TTHM	HAA5, TTHM	2456, 2950	Failure to conduct and/or submit an operational evaluation report to the State within 90 days of being notified of the analytical result that caused the operational evaluation level to be exceeded in accordance with 40 CFR 141.626(b)1.
36	Surface Water Treatment Rule	M&R	Monitoring, Major (Surface Water Treatment Rule - Filter)	Chloramine, Chlorine	1006, 0999	Failure to collect at least 90% of the required samples as specified in 40 CFR 141.74(c)(3) and/or submit a compliance sampling report to the Department within ten days after the end of each month that the system serves water to the public in accordance with 40 CFR 141.75(b)(2).
36	Surface Water Treatment Rule	M&R	Monitoring, Minor (Surface Water	Chloramine, Chlorine	1006, 0999	Failure to measure the disinfectant residual level in the distribution system at the same time and place as total coliforms are sampled as

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
			Treatment Rule - Filter)			specified in 40 CFR 141.74(c)(3) and/or submit a compliance sampling report to the Department within ten days after the end of each month that the system serves water to the public in accordance with 40 CFR 141.75(b)(2), specifically more than 90% but less than 100% of the required samples were collected.
36	Surface Water Treatment Rule	M&R	Monitoring, Reporting (Surface Water Treatment Rule -Filter)	Turbidity	0100	Failure to perform turbidity measurements using a continuous turbidimeter on representative samples of filtered water and report values every four hours (or more frequently) that the system serves water to the public in accordance with 40 CFR 141.174.
37	Surface Water Treatment Rule	Treatment Technique	Treatment Technique, No Prior State Approval	Surface Water Treatment Rule	0800	Failure to profile or consult with the state before making a significant change to a disinfection practice if required to develop a disinfection profile in accordance with 40 CFR 141.530; 141.532; 141.536; 141.540; and 141.542.
38	Surface Water Treatment Rule	M&R	Monitoring, (Interim Enhanced Surface Water Treatment Rule) Routine	Turbidity	0100	Failure to conduct continuous monitoring of turbidity for each individual filter and/or failure to calibrate turbidimeters as specified by the manufacturer and/or failure to conduct grab sampling every four hours in lieu of continuous monitoring during a continuous monitoring equipment failure in accordance with 40 CFR 141.174.
41	Surface Water Treatment Rule	Treatment Technique	Res Disinfect Concentration (Surface Water Treatment Rule)	Chloramine, Chlorine	1006, 0999	Failure to maintain a detectable disinfectant residual concentration in the distribution system in at least 95% of samples collected each month, for two consecutive months in accordance with 40 CFR 141.72(b).
41	Ground Water Rule	Treatment Technique	Failure to Maintain Microbial Treatment (Ground Water Rule)	Ground Water Rule	0700	Failure to provide and maintain at least 4-log treatment of viruses according to all compliance and permitting requirements and/or correct a failure of the 4-log treatment within four hours of determining that the treatment plant is not maintaining at least 4 log treatment before or at the first customer in accordance with 40 CFR 141.404(c).
42	Ground Water Rule	Treatment Technique	Failure to Provide Ground Water Rule Treatment	Ground Water Rule	0700	Failure to complete corrective actions within 120 days of receiving written notification from a laboratory that a ground water source sample collected under 141.402(a)(3) was found to be fecal indicator-positive, or direction from the State that a fecal indicator-positive sample requires corrective action in accordance with 40 CFR 141.403 et seq. and 40 CFR 141.404 et seq.
43	Surface Water Treatment Rule	Treatment Technique	Single Combined Filter Effluent (Interim Enhanced	Turbidity	0100	Failure to comply with the filtration requirements as set forth in 40 CFR 141.173(a)(2).

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
			Surface Water Treatment Rule)			
44	Surface Water Treatment Rule	Treatment Technique	Monthly Combined Filter Effluent (Interim Enhanced Surface Water Treatment Rule)	Turbidity	0100	Failure to comply with the filtration requirements as set forth in 40 CFR 141.173(a)(1).
45	Ground Water Rule	Treatment Technique	Failure to Address Deficiency (Ground Water Rule)	Ground Water Rule	0700	Failure to correct a significant deficiency within 120 days as required under the Ground Water Rule, 40 CFR 141 Section S
46	Disinfection By-Product Rule	Treatment Technique	Inadequate Disinfection By-Product Precursor Removal	Total Organic Carbon	2920	Failure to meet the Treatment Technique requirements for Disinfection By-Product Precursor removal as set forth in 40 CFR 141.135(a). The running annual average greater than or equal to 1.0 percent removal was not maintained.
48	Ground Water Rule	Treatment Technique	Failure to Address Contamination (Ground Water Rule)	Ground Water Rule	0700	Failure to complete corrective actions within 120 days of receiving written notification from a laboratory that a ground water source sample collected under 141.402(a)(3) was found to be fecal indicator-positive, or direction from the State that a fecal indicator-positive sample requires corrective action in accordance with 40 CFR 141.403 et seq. and 40 CFR 141.404 et seq.
51	Lead and Copper Rule	Monitoring	Initial Tap Sampling	Lead & Copper Rule	5000	Failure to monitor, or perform initial monitoring, for lead and/or copper and/or submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test, measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is shortest, in accordance with the N.J.A.C. 7:10-5.4(a) and 40 CFR 141.86.
52	Lead and Copper Rule	Monitoring	Follow-Up or Routine Tap M&R (Lead and Copper Rule)	Lead & Copper Rule	5000	'Failure to monitor for lead and/or copper and/or submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test, measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is shortest, in accordance with the N.J.A.C. 7:10-5.4(a) and 40 CFR 141.86.
53	Lead and Copper Rule	Monitoring	Initial/Follow-Up/Routine Water Quality Parameter	Lead & Copper Rule	5000	Failure to monitor for water quality parameters and/or submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test,

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
			M&R (Lead and Copper Rule)			measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is shortest, in accordance with the N.J.A.C. 7:10-5.4(a) and 40 CFR 141.87.
56	Lead and Copper Rule	Monitoring	Initial/Follow-Up/Routine Source Water M&R (Lead and Copper Rule)	Lead & Copper Rule	5000	Failure to monitor and report source water lead and copper samples in accordance with 40 CFR 141.90(b) and 40 CFR 141.88.
57	Lead and Copper Rule	Treatment Technique	Submit Corrosion Control Plan	Lead & Copper Rule	5000	Failure to perform corrosion control studies and/or submit a recommendation regarding optimal corrosion control treatment after exceeding the lead or copper action level in accordance with 40 CFR 141.90(c)2.
58	Lead and Copper Rule	Treatment Technique	Install Corrosion Control Treatment	Lead & Copper Rule	5000	Failure to install corrosion control treatment in accordance with 40 CFR 141.82(e).
59	Lead and Copper Rule	Treatment Technique	Water Quality Parameter Level Non-Compliance (Lead and Copper Rule)	Lead & Copper Rule	5000	Failure to maintain optimal water quality parameters in accordance with 40 CFR 141.82(g).
63	Lead and Copper Rule	Treatment Technique	MPL Level Non-Compliance	Lead & Copper Rule	5000	Failure to comply with the Maximum Permissible Level (MPL) for Lead and Copper in the source water in accordance with 40 CFR 141.83(b)5
64	Lead and Copper Rule	Treatment Technique	Lead Service Line Replacement (Lead and Copper Rule)	Lead & Copper Rule	5000	Failure to comply with the lead service line replacement requirements in accordance with 40 CFR 141.90(e).
65	Lead and Copper Rule	Treatment Technique	Submit Public Education (Lead and Copper Rule)	Lead & Copper Rule	5000	Failure to provide public education materials after exceeding the lead action level in accordance with 40 CFR 141.85(c).
66	Lead and Copper Rule	Reporting	Lead Consumer Notice (Lead and Copper Rule)	Lead & Copper Rule	5000	Failure to provide a Lead Consumer Notice as required by 40 CFR 141.85(d).
71	Consumer Confidence Report	Reporting	Consumer Confidence Report	Consumer Confidence Report Rule	7000	Failure to comply with the Consumer Confidence Report Rule as specified in 40 CFR 141.152 which requires water systems to prepare a Consumer Confidence Report annually, containing the previous year's data, and submit it to both their customers and the Department by July 1, as set forth in 40 CFR 141.155(c).

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
72	Consumer Confidence Report	Reporting	Consumer Confidence Report Certification	Consumer Confidence Report Rule	7000	Failure to comply with the Consumer Confidence Report Rule as specified in 40 CFR 141.152 and annually submit a Consumer Confidence Report Certification to the Department by October 1, as set forth in 40 CFR 141.155(c).
75	Public Notification	Reporting	Failure to Public Notice	Public Notice Rule	7500	Failure to give notice for a violation of National Primary Drinking Water Regulations as specified in 40 CFR 141.201 et seq. Failure to submit to the Department, within 10 days of completion, a certification and a representative copy of each type of notice distributed in accordance with 40 CFR 141.31(d).
C1	Lead and Copper Rule	ALE - State Violation Type	Action Level Exceedance	Copper	1022	Failure to comply with the Action Level (AL) for copper set forth in 40 CFR 141.80(c)(2).
CU	Lead and Copper Rule	ALE - State Violation Type	Action Level Exceedance	Copper	1022	Failure to comply with the Action Level (AL) for copper set forth in 40 CFR 141.80(c)(2). USED FOR NC/NP DAY CARE SYSTEMS
CV	State Surface Water Treatment Rule	State Reporting Violation	Calibration Violation	Disinfectant Residual, Turbidity	State Rule	Failure to verify the accuracy of performance of continuous analyzer(s) by collecting a grab sample of the effluent at least once in every 24-hour period as set forth in N.J.A.C. 7:10-9.6
D1	Lead and Copper Rule	State Violation Type	Failure to Submit Corrosion Control Treatment Recommendation for transient noncommunity/non-public system	Lead & Copper Rule	5000	Failure to perform corrosion control studies and/or submit a recommendation regarding optimal corrosion control treatment after exceeding the lead or copper action level in accordance with NJAC 7:10-5 and N.J.A.C. 3A:52(5)(3)(i)(5)(iii).
D5	Lead and Copper Rule	State Violation Type	Initial Water Quality Parameter Non-Submittal for transient noncommunity/non-public system	Lead & Copper Rule	5000	Failure to monitor for water quality parameters and/or submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test, measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is shortest, in accordance with NJAC 7:10-5 and N.J.A.C. 3A:52(5)(3)(i)(5)(iii).
D7	Lead and Copper Rule	State Violation Type	Water Quality Parameter Optimal Monitoring for transient	Lead & Copper Rule	5000	Failure to monitor for water quality parameters and/or submit a compliance sampling report to the Department within the first ten days of the month following the month in which any test, measurement, or analysis is made, or the first ten days following the end of the required monitoring period, whichever of these is

SDWIS Viol. Code	Applicable Rule(s)	Violation Type	Violation Description	Analyte Name(s)	SDWIS Analyte or Rule Code(s)	Description of Noncompliance
			noncommunity/non-public system			shortest, in accordance with NJAC 7:10-5 and N.J.A.C. 3A:52(5)(3)(i)(5)(iii).
P1	Lead and Copper Rule	ALE- State Violation Type	Action Level Exceedance	Lead	1030	Failure to comply with the Action Level (AL) for lead set forth in 40 CFR 141.80(c)(1). USED FOR NC/NP DAY CARE SYSTEMS
PB	Lead and Copper Rule	ALE- State Violation Type	Action Level Exceedance	Lead	1030	Failure to comply with the Action Level (AL) for lead set forth in 40 CFR 141.80(c)(1).
PL	Lead and Copper Rule	State Violation Type	Failure to Respond To Lead and Copper Plan Deficiency	Lead & Copper Rule	5000	Failure to provide an updated and corrected Lead and Copper Sample Plan within 30 days after being notified that your Lead and Copper Sample Plan was deficient and did not fully demonstrate compliance with the requirements of 40 CFR 141.80-91.
PW	Lead and Copper Rule	State Violation Type	Failure To Respond To Water Quality Parameter Plan Deficiency	Lead & Copper Rule	5000	Failure to provide an updated and corrected Water Quality Parameter Sample Plan within 30 days after being notified that your Water Quality Parameter Sample Plan was deficient and did not fully demonstrate compliance with the requirements of 40 CFR 141.80-91.
MC	Inorganic Compounds, Volatile Organic Compound Rule, Synthetic Organic Compounds Rule	MCL- State Type Violation	NJ MCL	Any State Regulated Contaminant	State Rule	Failure to comply with the Maximum Contaminant Level (MCL) for any analyte set forth in N.J.A.C. 7:10-5.2.
NJ	Volatile Organic Compound Rule, Synthetic Organic Compounds Rule	M&R- State Type Violation	NJ Non-Submittal	Any State Regulated Contaminant	State Rule	Failure to monitor in accordance with N.J.A.C. 7:10-5.2
RM	Inorganic Compounds, Volatile Organic Compound Rule, RAD, Synthetic Organic Compounds Rule	State Reporting Violation	NJ Non-Submittal	Any Regulated Contaminant	State Rule	Failure to submit a Remedial Measures Report in accordance with N.J.A.C. 7:10-5.1 and N.J.A.C. 7:10A-1.12(b)1.
TD	Inorganic Compounds, Volatile Organic Compound Rule, RAD, Synthetic Organic Compounds Rule	State Violation Type	Failure to Maintain Treatment	Any Regulated Contaminant	State Rule	Failure to maintain a treatment device in accordance with N.J.A.C 7:10-5.7(e).

Appendix B: Safe Drinking Water Act Violations Incurred by Rule and Category

Number of violations per analyte, per rule and number of systems incurring these violations for calendar year 2019.

Note 1 – grayed out boxes indicate that the rule does not include that category of violation

Note 2 – a zero indicates that no violations were incurred by any water system in 2019

Revised Total Coliform Rule

Viol. Code	Violation Description	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring Violations		Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
1A	MCL, E. COLI, POS E COLI (REVISED TOTAL COLIFORM RULE)	17	17								
2A	LEVEL 1 ASSESS, MULTIPLE TC POS (REVISED TOTAL COLIFORM RULE)					43	42				
	LEVEL 1 ASSESS, TC POS RT NO RPT (REVISED TOTAL COLIFORM RULE)					10	10				
2B	LEVEL 2 ASSESSMENT, 2ND LEVEL 1 (REVISED TOTAL COLIFORM RULE)					43	33				
	LEVEL 2 ASSESSMENT, MCL TRIGGERED (REVISED TOTAL COLIFORM RULE)					11	9				
2C	CORRECTIVE/EXPEDITED ACTIONS (REVISED TOTAL COLIFORM RULE)					31	21				
3A	MONITORING, ROUTINE, MAJOR (REVISED TOTAL COLIFORM RULE)							323	229		
	MONITORING, ROUTINE, MINOR (REVISED TOTAL COLIFORM RULE)							7	7		
3B	MONITORING, ADD. ROUTINE, MAJOR (REVISED TOTAL COLIFORM RULE)							20	20		
	MONITORING, ADD. ROUTINE, MINOR (REVISED TOTAL COLIFORM RULE							0	0		
4B	REPORT SAMPLE RESULT/FAIL MONITOR REVISED TOTAL COLIFORM RULE									548	397

5A	SAMPLE SITING PLAN ERRORS (REVISED TOTAL COLIFORM RULE)									4	4
Seasonal System Specific Violations											
2D	STARTUP PROCEDURES TREATMENT TECHNIQUE (REVISED TOTAL COLIFORM RULE)					74	57				
4C	REPORT STARTUP PROCEDURES CERT FORM REVISED TOTAL COLIFORM RULE									8	8

Ground Water Rule

Viol. Code	Violation Description	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring Violations		Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
19	MONITOR, GWR ASSESSMENT, MAJOR							2	1		
20	FAILURE TO CONSULT, GROUND WATER RULE									2	2
31	MONITORING, RTN/RPT MAJOR (GROUND WATER RULE)							4	2		
	MONITORING, RTN/RPT MINOR (GROUND WATER RULE)							0	0		
34	MONITOR GROUND WATER RULE TRIGGERED/ADDITONAL, MAJOR							51	48		
	MONITOR GROUND WATER RULE TRIGGERED/ADDITONAL, MINOR							4	3		
41	FAILURE MAINTAIN MICROBIAL TREATMENT (GROUND WATER RULE)					0	0				
48	FAILURE TO ADDRESS CONTAMINATION (GROUND WATER RULE)					3	3				

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

Analyte Code	Analyte	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring Violations		Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
0999	CHLORINE			0	0	2	1	167	105		
2456	TOTAL HALOACETIC ACIDS (HAA5)	17	5					55	50	2	1
2950	TTHM	19	10					44	43	5	5

Surface Water Treatment Rules

Analyte Code	Analyte/Rule	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring Violations		Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
0999	CHLORINE					0	0	4	3		
0300	INTERIM ENHANCED SURFACE WATER TREATMENT RULE					0	0	0	0		
0100	TURBIDITY					2	2	2	1		

Inorganic Compounds

Analyte Code	Analyte	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring & Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
1074	ANTIMONY, TOTAL	0	0			0	0	29	27

Analyte Code	Analyte	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring & Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
1005	ARSENIC	0	0			2	2	33	29
1094	ASBESTOS	0	0			0	0	0	0
1010	BARIUM	0	0			0	0	24	23
1075	BERYLLIUM, TOTAL	0	0			0	0	28	25
1015	CADMIUM	0	0			0	0	25	23
1020	CHROMIUM	0	0			0	0	27	24
1024	CYANIDE	0	0			0	0	36	32
1025	FLUORIDE	0	0			0	0	38	30
1035	MERCURY	2	1			0	0	41	36
1036	NICKEL	0	0			0	0	29	25
1040	NITRATE	13	9			5	2	159	140
1041	NITRITE	0	0			0	0	8	8
1045	SELENIUM	0	0			0	0	28	25
1085	THALLIUM, TOTAL	0	0			0	0	25	23

Volatile Organic Compounds

Analyte Code	Analyte	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring & Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
2981	1,1,1-TRICHLOROETHANE	0	0			0	0	61	58
2988	1,1,2,2-TETRACHLOROETHANE*	0	0			2	2	1	1
2985	1,1,2-TRICHLOROETHANE	0	0			0	0	61	58
2978	1,1-DICHLOROETHANE*	0	0			2	2	1	1
2977	1,1-DICHLOROETHYLENE	2	1			0	0	64	61

Analyte Code	Analyte	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring & Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
2378	1,2,4-TRICHLOROBENZENE	0	0			0	0	61	58
2980	1,2-DICHLOROETHANE	0	0			0	0	60	57
2983	1,2-DICHLOROPROPANE	0	0			0	0	61	58
2990	BENZENE	0	0			0	0	59	56
2982	CARBON TETRACHLORIDE	0	0			0	0	60	57
2989	CHLOROBENZENE	0	0			0	0	60	57
2380	CIS-1,2-DICHLOROETHYLENE	0	0			0	0	61	58
2964	DICHLOROMETHANE	0	0			0	0	60	57
2992	ETHYLBENZENE	0	0			0	0	61	58
2967	M-DICHLOROBENZENE*	0	0			2	2	1	1
2251	METHYL TERT-BUTYL ETHER*	0	0			2	2	2	2
2248	NAPHTHALENE*	0	0			2	2	2	2
2968	O-DICHLOROBENZENE	0	0			0	0	60	57
2969	P-DICHLOROBENZENE	0	0			0	0	60	57
2996	STYRENE	0	0			0	0	61	58
2987	TETRACHLOROETHYLENE	1	1			0	0	62	59
2991	TOLUENE	0	0			0	0	61	58
2979	TRANS-1,2-DICHLOROETHYLENE	0	0			0	0	61	58
2984	TRICHLOROETHYLENE	0	0			0	0	61	58
2976	VINYL CHLORIDE	0	0			0	0	61	58
2955	XYLENES, TOTAL	0	0			0	0	62	59

*These analytes are only sampled as per State regulations

Radiologicals

Analyte Code	Analyte	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring & Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
4010	COMBINED RADIUM (-226 & -228)	14	9			6	4	222	178
4006	COMBINED URANIUM	2	2			6	4	177	145
4000	GROSS ALPHA, EXCL. RADON & U	16	11			6	4	205	166
4002	GROSS ALPHA, INCL. RADON & U	0	0			0	0	3	1
4020	RADIUM-226	0	0			6	4	195	162
4030	RADIUM-228	0	0			62	4	221	179

Synthetic Organic Compounds

Analyte Code	Analyte	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring & Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
2414	1,2,3-TRICHLOROPROPANE	6	2			0	0	172	129
2931	1,2-DIBROMO-3-CHLOROPROPANE	0	0			0	0	174	130
2063	2,3,7,8-TCDD	0	0			0	0	0	0
2110	2,4,5-TP	0	0			0	0	0	0
2105	2,4-D	0	0			0	0	0	0
2047	ALDICARB	0	0			0	0	0	0
2044	ALDICARB SULFONE	0	0			0	0	0	0
2043	ALDICARB SULFOXIDE	0	0			0	0	0	0
2050	ATRAZINE	0	0			0	0	0	0
2306	BENZO(A)PYRENE	0	0			0	0	0	0
2010	BHC-GAMMA	0	0			0	0	0	0
2046	CARBOFURAN	0	0			0	0	0	0

Analyte Code	Analyte	Maximum Contaminant Level Violations		Maximum Residual Disinfectant Level Violations		Treatment Technique Violations		Monitoring & Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
2959	CHLORDANE	0	0			0	0	0	0
2031	DALAPON	0	0			0	0	0	0
2035	DI(2-ETHYLHEXYL) ADIPATE	0	0			0	0	0	0
2039	DI(2-ETHYLHEXYL) PHTHALATE	0	0			0	0	1	1
2041	DINOSEB	0	0			0	0	1	1
2032	DIQUAT	0	0			0	0	0	0
2033	ENDOTHALL	0	0			0	0	0	0
2005	ENDRIN	0	0			0	0	0	0
2946	ETHYLENE DIBROMIDE	0	0			0	0	174	130
2034	GLYPHOSATE	0	0			0	0	0	0
2065	HEPTACHLOR	0	0			0	0	0	0
2067	HEPTACHLOR EPOXIDE	0	0			0	0	0	0
2274	HEXACHLOROBENZENE	0	0			0	0	0	0
2042	HEXACHLOROCYCLOPENTADIENE	0	0			0	0	0	0
2051	LASSO	0	0			0	0	0	0
2015	METHOXYCHLOR	0	0			0	0	0	0
2036	OXAMYL	0	0			0	0	0	0
2326	PENTACHLOROPHENOL	0	0			0	0	0	0
2040	PICLORAM	0	0			0	0	0	0
2037	SIMAZINE	0	0			0	0	0	0
2383	TOTAL POLYCHLORINATED BIPHENYLS (PCB)	0	0			0	0	0	0
2020	TOXAPHENE	0	0			0	0	0	0

Perfluoroalkyl Acids

2804	PERFLUORONONANOIC ACID	21	11			0	0	183	135

Lead and Copper Rule

Viol. Code	Violation Description	Action Level Exceedances		Treatment Technique Violations		Monitoring Violations		Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
51	INITIAL TAP SAMPLING (LEAD AND COPPER RULE)					4	4		
52	FOLLOW-UP OR ROUTINE TAP M&R (LEAD AND COPPER RULE)					47	44		
53	WATER QUALITY PARAMETER M&R (LEAD AND COPPER RULE)					250	157		
56	INITIAL/FOLLOW-UP/ROUTINE SOWT M&R (LEAD AND COPPER RULE)					14	9		
57	OCCT/SOWT RECOMMENDATION/STUDY (LEAD AND COPPER RULE)							15	15
58	OCCT/SOWT INSTALL DEMONSTRATION (LEAD AND COPPER RULE)			2	2				
59	WATER QUALITY PARAMETER LEVEL NON-COMPLIANCE (LEAD AND COPPER RULE)			20	17				
64	LEAD SERVICE LINE REPLACEMENT (LEAD AND COPPER RULE)			1	1				
65	PUBLIC EDUCATION (LEAD AND COPPER RULE)							11	10
66	LEAD CONSUMER NOTICE (LEAD AND COPPER RULE)							282	232
C1	COPPER ACTION LEVEL EXCEEDANCE NC/NP	0	0						
CU	COPPER ACTION EXCEEDED	30	27						
D1	SUBMIT CCT FOR NC/NP SYS (FED TYPE 57)			1	1				
D5	INITIAL WATER QUALITY PARAMETER NONSUBMITTAL FOR NC/NP (53)					1	1		
D7	WATER QUALITY PARAMETER OPTIMAL MONITORING FOR NC/NP (WO)					0	0		
L1	LEAD ACTION LEVEL EXCEEDED, NC/NP	1	1						
LN	PUBLIC EDUCATION FOR NCWS							1	1

Viol. Code	Violation Description	Action Level Exceedances		Treatment Technique Violations		Monitoring Violations		Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems	# Viol.	# Systems
PB	LEAD ACTION LEVEL EXCEEDED	45	37						
PL	FAILURE TO RESPOND-PBCU PLAN DEFICIENCY							9	8
PW	FAILURE TO RESPOND- WATER QUALITY PARAMETER PLAN DEFICIENCY							5	5

Public Notification and Reporting

Viol. Code	Violation Description	Public Notification Violations		Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems
71	CONSUMER CONFIDENCE REPORT			51	50
72	CCR ADEQUACY/AVAILABILITY/CONTENT			16	15
75	PUBLIC NOTICE RULE LINKED TO VIOLATION	27	22		
76	PUBLIC NOTICE RULE NOT LINKED TO VIOLATION	3	3		

Additional State SDWA Rules

Viol. Code	Violation Description	Treatment Technique Violations		Reporting Violations	
		# Viol.	# Systems	# Viol.	# Systems
1Y	FAILURE TO REMEDIATE MCLWITHIN 1 YEAR	8	6		
RM	NONSUBMITTAL OF REMEDIAL MEASURE RRT			4	3
CV	CALIBRATION VIOLATION			1	1

Appendix C: Community Water System 2019 Action Level Exceedance, Maximum Contaminant Level Exceedance, and Treatment Technique violations

Note: The absence of a Return to Compliance date indicates systems/violations that have not returned to compliance as of May 28, 2020.

Public Water System ID Number	Water System Name	Contaminant/Rule: Analyte/Rule(Code)	Violation Type: Name (Code)	Compliance Period Begin Date	Compliance Period End Date	Return to Compliance Date*
Action Level Exceedances						
NJ0108023	EGG HARBOR RIVER RESORT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	12/31/2019	
NJ0238001	SUEZ WATER NEW JERSEY HACKENSACK	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ0303001	BORDENTOWN WATER DEPARTM	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ0303001	BORDENTOWN WATER DEPARTM	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ0314001	FIELDSBORO WATER DEPARTMENT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ0314001	FIELDSBORO WATER DEPARTMENT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ0339001	NEW LISBON DEVELOPMENT CTR	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ0339001	NEW LISBON DEVELOPMENT CTR	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ0339001	NEW LISBON DEVELOPMENT CTR	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ0701001	BELLEVILLE WATER DEPT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ0701001	BELLEVILLE WATER DEPT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ0702001	BLOOMFIELD WATER DEPARTMENT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ0714001	NEWARK WATER DEPARTMENT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ0714001	NEWARK WATER DEPARTMENT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ0821001	WESTVILLE WATER DEPARTMENT	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	
NJ1017001	SUEZ WATER NEW JERSEY LAMBERTVILLE	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ1019301	IMPERIAL VISTA CARE INC	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ1212001	MILLTOWN W DEPT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ1352005	NJ WATER SUPPLY AUTHORITY MANASQUAN	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	12/31/2019	

NJ1352005	NJ WATER SUPPLY AUTHORITY MANASQUAN	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	12/31/2019	
NJ1427008	MT OLIVE TWP WD PINECREST	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	
NJ1427008	MT OLIVE TWP WD PINECREST	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ1431001	PEQUANNOCK TWP WATER DEPARTMENT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ1815300	MATHENY MEDICAL AND EDUCATION CENTER	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ1815300	MATHENY MEDICAL AND EDUCATION CENTER	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ1908001	AQUA NJ - TRANQUILITY SPRINGS	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2017	12/31/2019	
NJ1911005	HARDYSTON TWP MUA	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2017	12/31/2019	
			Maximum Contaminant Level Exceedances			
NJ0339001	NEW LISBON DEVELOPMENT CTR	1,2,3-TRICHLOROPROPANE (2414)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0404001	BELLMAWR WATER DEPT	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	7/1/2019	9/30/2019	
NJ0613004	UPPER DEERFIELD TWP WATER DEPT	NITRATE (1040)	MCL, AVERAGE (02)	1/1/2019	3/31/2019	
NJ0613004	UPPER DEERFIELD TWP WATER DEPT	NITRATE (1040)	MCL, AVERAGE (02)	4/1/2019	6/30/2019	
NJ0613004	UPPER DEERFIELD TWP WATER DEPT	NITRATE (1040)	MCL, AVERAGE (02)	7/1/2019	9/30/2019	
NJ0614002	PARKWOOD BRANCH TERRACES	NITRATE (1040)	MCL, AVERAGE (02)	4/1/2019	6/30/2019	
NJ0614002	PARKWOOD BRANCH TERRACES	NITRATE (1040)	MCL, AVERAGE (02)	7/1/2019	9/30/2019	2/7/2020
NJ0614004	CHAPMAN MANUFACTURED HOUSING	COMBINED RADIUM (-226 & -228) (4010)	MCL, AVERAGE (02)	4/1/2019	6/30/2019	
NJ0614004	CHAPMAN MANUFACTURED HOUSING	GROSS ALPHA, EXCL. RADON & U (4000)	MCL, AVERAGE (02)	7/1/2019	9/30/2019	
NJ0614004	CHAPMAN MANUFACTURED HOUSING	COMBINED RADIUM (-226 & -228) (4010)	MCL, AVERAGE (02)	7/1/2019	9/30/2019	

NJ0614004	CHAPMAN MANUFACTURED HOUSING	GROSS ALPHA, EXCL. RADON & U (4000)	MCL, AVERAGE (02)	10/1/2019	12/31/2019
NJ0614004	CHAPMAN MANUFACTURED HOUSING	COMBINED RADIUM (-226 & -228) (4010)	MCL, AVERAGE (02)	10/1/2019	12/31/2019
NJ0701001	BELLEVILLE WATER DEPT	TTHM (2950)	MCL, LRAA (02)	1/1/2019	3/31/2019
NJ0701001	BELLEVILLE WATER DEPT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	1/1/2019	3/31/2019
NJ0701001	BELLEVILLE WATER DEPT	TTHM (2950)	MCL, LRAA (02)	4/1/2019	6/30/2019
NJ0701001	BELLEVILLE WATER DEPT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	4/1/2019	6/30/2019
NJ0701001	BELLEVILLE WATER DEPT	TTHM (2950)	MCL, LRAA (02)	7/1/2019	9/30/2019
NJ0701001	BELLEVILLE WATER DEPT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	7/1/2019	9/30/2019
NJ0701001	BELLEVILLE WATER DEPT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	10/1/2019	12/31/2019
NJ0702001	BLOOMFIELD WATER DEPARTMENT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	1/1/2019	3/31/2019
NJ0702001	BLOOMFIELD WATER DEPARTMENT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	4/1/2019	6/30/2019
NJ0702001	BLOOMFIELD WATER DEPARTMENT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	7/1/2019	9/30/2019
NJ0702001	BLOOMFIELD WATER DEPARTMENT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	10/1/2019	12/31/2019
NJ0714001	NEWARK WATER DEPARTMENT	TTHM (2950)	MCL, LRAA (02)	1/1/2019	3/31/2019
NJ0714001	NEWARK WATER DEPARTMENT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	1/1/2019	3/31/2019
NJ0714001	NEWARK WATER DEPARTMENT	TTHM (2950)	MCL, LRAA (02)	4/1/2019	6/30/2019
NJ0714001	NEWARK WATER DEPARTMENT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	4/1/2019	6/30/2019
NJ0714001	NEWARK WATER DEPARTMENT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	7/1/2019	9/30/2019
NJ0714001	NEWARK WATER DEPARTMENT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	10/1/2019	12/31/2019

NJ0716001	NUTLEY WATER DEPT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	1/1/2019	3/31/2019	
NJ0716001	NUTLEY WATER DEPT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	4/1/2019	6/30/2019	
NJ0716001	NUTLEY WATER DEPT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	7/1/2019	9/30/2019	
NJ0716001	NUTLEY WATER DEPT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	10/1/2019	12/31/2019	
NJ0812001	NATIONAL PARK WATER DEPARTMENT	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ1216001	PERTH AMBOY WATER DEPARTMENT	TTHM (2950)	MCL, LRAA (02)	1/1/2019	3/31/2019	1/16/2020
NJ1216001	PERTH AMBOY WATER DEPARTMENT	TTHM (2950)	MCL, LRAA (02)	4/1/2019	6/30/2019	1/16/2020
NJ1216001	PERTH AMBOY WATER DEPARTMENT	TTHM (2950)	MCL, LRAA (02)	7/1/2019	9/30/2019	1/16/2020
NJ1328003	MARLBORO STATE HOSPITAL	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	8/1/2019	8/31/2019	
NJ1347001	LAKE COMO WATER DEPT	TTHM (2950)	MCL, LRAA (02)	1/1/2019	3/31/2019	
NJ1347001	LAKE COMO WATER DEPT	TTHM (2950)	MCL, LRAA (02)	4/1/2019	6/30/2019	
NJ1347001	LAKE COMO WATER DEPT	TTHM (2950)	MCL, LRAA (02)	7/1/2019	9/30/2019	
NJ1416001	LINCOLN PARK WATER DEPT	TTHM (2950)	MCL, LRAA (02)	4/1/2019	6/30/2019	
NJ1431001	PEQUANNOCK TWP WATER DEPARTMENT	TTHM (2950)	MCL, LRAA (02)	1/1/2019	3/31/2019	9/5/2019
NJ1431001	PEQUANNOCK TWP WATER DEPARTMENT	TOTAL HALOACETIC ACIDS (HAA5) (2456)	MCL, LRAA (02)	1/1/2019	3/31/2019	9/5/2019
NJ1615003	PASSAIC VALLEY W C HIGH CREST	TTHM (2950)	MCL, LRAA (02)	1/1/2019	3/31/2019	
NJ1615003	PASSAIC VALLEY W C HIGH CREST	TTHM (2950)	MCL, LRAA (02)	4/1/2019	6/30/2019	

Treatment Technique Violations

NJ0436001	ANCORA PSYCHIATRIC HOSPI	CHLORINE (0999)	RES DISINFECT CONCENTRATION (SWTR) (41)	10/1/2019	10/31/2019	
NJ0436001	ANCORA PSYCHIATRIC HOSPI	CHLORINE (0999)	RES DISINFECT CONCENTRATION (SWTR) (41)	11/1/2019	11/30/2019	

NJ0607001	HOPEWELL PLACE SENIOR APTS	GROSS ALPHA, EXCL. RADON & U (4000)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0607001	HOPEWELL PLACE SENIOR APTS	COMBINED URANIUM (4006)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0607001	HOPEWELL PLACE SENIOR APTS	COMBINED RADIUM (-226 & -228) (4010)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0607001	HOPEWELL PLACE SENIOR APTS	RADIUM-226 (4020)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0607001	HOPEWELL PLACE SENIOR APTS	RADIUM-228 (4030)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0613004	UPPER DEERFIELD TWP WATER DEPT	STATE RULE (SR)	FAILURE TO REMEDIATE MCL WITHIN 1 YEAR (1Y)	7/11/2019		
NJ0614002	PARKWOOD BRANCH TERRACES	NITRATE (1040)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	4/1/2019	6/30/2019	
NJ0614002	PARKWOOD BRANCH TERRACES	NITRATE (1040)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	7/1/2019	9/30/2019	8/19/2019
NJ0701001	BELLEVILLE WATER DEPT	STATE RULE (SR)	FAILURE TO REMEDIATE MCL WITHIN 1 YEAR (1Y)	6/15/2019		
NJ0701001	BELLEVILLE WATER DEPT	STATE RULE (SR)	FAILURE TO REMEDIATE MCL WITHIN 1 YEAR (1Y)	12/12/2019		
NJ0714001	NEWARK WATER DEPARTMENT	STATE RULE (SR)	FAILURE TO REMEDIATE MCL WITHIN 1 YEAR (1Y)	10/19/2019		
NJ0810005	MANOR WATER ASSOCIATIONS	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	2/10/2019		
NJ0810005	MANOR WATER ASSOCIATIONS	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	11/13/2019		
NJ1023001	STOCKTON WATER DEPARTMENT	LEAD & COPPER RULE (5000)	OCCT/SOWT INSTALL DEMONSTRATION (LCR) (58)	10/17/2019		
NJ1111001	TRENTON WATER WORKS	STATE RULE (SR)	FAILURE TO REMEDIATE MCL WITHIN 1 YEAR (1Y)	12/9/2018	2/8/2019	2/8/2019

NJ1111001	TRENTON WATER WORKS	STATE RULE (SR)	FAILURE TO REMEDIATE MCL WITHIN 1 YEAR (1Y)	3/6/2019		
NJ1111001	TRENTON WATER WORKS	LEAD & COPPER RULE (5000)	LEAD SERVICE LINE REPLACEMENT (LCR) (64)	7/1/2019		
NJ1225001	MIDDLESEX WATER COMPANY	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ1309415	BRANDYWINE ASSISTED LIVING AT COLTS NECK	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	9/21/2018	4/4/2019	4/4/2019
NJ1345001	NJ AMERICAN WATER - COASTAL NORTH	TURBIDITY (0100)	SINGLE COMB FLTR EFFLUENT (IESWTR/LT1) (43)	9/1/2019	9/30/2019	3/30/2020
NJ1429001	PARSIPPANY-TROY HILLS WATER DEPARTMENT	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ1611002	RINGWOOD WATER DEPARTMENT	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ1613001	N.J.D.W.S.C. - WANAQUE NORTH	TURBIDITY (0100)	SINGLE COMB FLTR EFFLUENT (IESWTR/LT1) (43)	5/1/2019	5/31/2019	10/9/2019
NJ1908308	TRANQUIL VALLEY RETREAT CENTER	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	9/7/2019	12/26/2019	12/26/2019
NJ2117002	VALLEY VIEW ESTATES	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	10/18/2019	10/24/2019	10/24/2019

Appendix D: Non-Community Water System 2019 Action Level Exceedance, Maximum Contaminant Level Exceedance, and Treatment Technique violations, excluding Seasonal Start Up Procedures (2D)

Note - the absence of a Return to Compliance date indicates systems/violations that have not returned to compliance as of May 28, 2020.

Public Water System ID Number	Water System Name	Contaminant/Rule: Analyte/Rule (Code)	Violation Type: Name (Code)	Compliance Period Begin Date	Compliance Period End Date	Return to Compliance Date
Action Level Exceedances						
NJ0108352	DOT FAA ATL BLD 33 & BLD 208	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	12/31/2019	
NJ0326323	NORTH HANOVER UPPER ELEMENTARY SCHOOL	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ0436481	DONIO TRUCKING	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ0436499	NEW JERSEY MOTOR VEHICLE INSPECTION STAT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ0436499	NEW JERSEY MOTOR VEHICLE INSPECTION STAT	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	
NJ0436499	NEW JERSEY MOTOR VEHICLE INSPECTION STAT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ0436499	NEW JERSEY MOTOR VEHICLE INSPECTION STAT	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ0603331	QIS INC.	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	12/31/2019	
NJ0608309	SANTA'S SWEETS/AGMORT	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2017	12/31/2019	
NJ1006355	NJ WATER SUPPLY AUTH	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ1006373	ACORN MONTESSORI SCHOOL BUILDING #2	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ1016302	RTS PACKAGING	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ1017301	PHILLIPS BARBER HEALTH CENTER	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	12/31/2019	
NJ1019314	VOORHEES HIGH SCHOOL	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	
NJ1022353	THREE BRIDGES REFORMED C	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED FOR NC/NP (L1)	1/1/2019	6/30/2019	

NJ1025326	MOUNTAIN VIEW 78	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ1113301	SRI INTERNATIONAL	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ1332301	MILLSTONE TWP ELEMENTARY SCHOOL	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	12/31/2019	
NJ1352321	BRIELLE HILLS BLDG #1&2	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ1352326	BRIELLE HILLS CONDO ASSOCIATION BLDG 6&7	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ1352326	BRIELLE HILLS CONDO ASSOCIATION BLDG 6&7	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ1352340	BRIELLE HILL CONDO-BLDG 3/4 & 5	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ1406325	WEST MAIN ASSOCIATES	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ1407314	KESSELER INSTITUTE FOR REHAB	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ1407338	HUTCHESON HOUSE @ BAMBOO PARK	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	
NJ1415300	KINNELON PROF BLDG	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	12/31/2019	
NJ1421341	KE KON REALTY CO INC	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ1421341	KE KON REALTY CO INC	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ1421341	KE KON REALTY CO INC	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ1421354	6 MARS COURT	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	7/1/2019	12/31/2019	
NJ1421354	6 MARS COURT	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ1427400	SANDSHORE INDUSTRIAL CONDO ASSOCIATION	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2017	12/31/2019	
NJ1436331	ALPHACYN HOLDINGS LLC	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	3/24/2019
NJ1505391	SHORE PLAZA	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	
NJ1507308	OCEAN CNTY P.I.C., INC.	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	
NJ1512443	AHS/POPCORN PARK	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ1514355	UTA OF LAKEWOOD	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ1615334	OAKRIDGE PRESBYTERIAN CHURCH/MY SCH DAY	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ1615384	BETHEL RANCH CHRISTIAN HOME	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	

NJ1615384	BETHEL RANCH CHRISTIAN HOME	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	7/1/2019	12/31/2019	
NJ1703306	ELSINBORO SCHOOL	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	4/23/2020
NJ1705301	MANNINGTON TWP ELEM SCHOOL	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ1904353	NISSAN OF STANHOPE	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ1904353	NISSAN OF STANHOPE	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	
NJ1910302	CAMP AUXILIUM	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	6/30/2019	
NJ1920317	STILLWATER TWP ELEMENTARY SCHOOL	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2019	12/31/2019	
NJ1922300	WALNUT RIDGE PRIMARY SCHOOL	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ2101314	ALLAMUCHY CORPORATE CENTER LLC	LEAD (1030)	LEAD ACTION LEVEL EXCEEDED (PB)	1/1/2017	12/31/2019	
NJ2104305	BLAIRSTOWN COMMONS	COPPER, FREE (1022)	COPPER ACTION EXCEEDED (CU)	1/1/2019	6/30/2019	
Maximum Contaminant Level Exceedances						
NJ0104322	BELLVIEW WINERY	NITRATE (1040)	MCL, AVERAGE (02)	4/1/2019	6/30/2019	
NJ0105323	ST MARYS SCHOOL - OLD WELL	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0111375	THE PILGRIM ACADEMY - MAIN BLD	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	4/1/2019	6/30/2019	
NJ0111375	THE PILGRIM ACADEMY - MAIN BLD	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	7/1/2019	9/30/2019	
NJ0111375	THE PILGRIM ACADEMY - MAIN BLD	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	7/1/2019	9/30/2019	
NJ0111375	THE PILGRIM ACADEMY - MAIN BLD	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0111375	THE PILGRIM ACADEMY - MAIN BLD	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0226300	HAWORTH SWIM CLUB	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	7/1/2019	7/31/2019	
NJ0333325	ORIGINAL TONYS PIZZA	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	1/1/2019	1/31/2019	2/21/2019
NJ0435375	WATERFORD ELEMENTARY SCHOOL	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	10/1/2019	12/31/2019	

NJ0436456	GARVEY CONVEYERS	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0436456	GARVEY CONVEYERS	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0436481	DONIO TRUCKING	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0436481	DONIO TRUCKING	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0504337	AVALON CAMPGROUND WELL #3	NITRATE (1040)	MCL, SINGLE SAMPLE (01)	10/1/2019	12/31/2019	
NJ0504337	AVALON CAMPGROUND WELL #3	NITRATE (1040)	MCL, SINGLE SAMPLE (01)	10/1/2019	12/31/2019	
NJ0511362	ALL SEASONS MARINA-STORE	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	12/1/2019	12/31/2019	
NJ0603327	NATIONAL REFRIGERANT, INC.	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	1/1/2019	3/31/2019	1/27/2020
NJ0603327	NATIONAL REFRIGERANT, INC.	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	1/1/2019	3/31/2019	1/27/2020
NJ0603327	NATIONAL REFRIGERANT, INC.	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	4/1/2019	6/30/2019	1/27/2020
NJ0603327	NATIONAL REFRIGERANT, INC.	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	4/1/2019	6/30/2019	1/27/2020
NJ0603327	NATIONAL REFRIGERANT, INC.	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	7/1/2019	9/30/2019	1/27/2020
NJ0603327	NATIONAL REFRIGERANT, INC.	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	7/1/2019	9/30/2019	1/27/2020
NJ0608309	SANTA'S SWEETS/AGMORT	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0610301	CUMBERLAND CO GUIDANCE C	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0610301	CUMBERLAND CO GUIDANCE C	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0722304	THE MANOR RESTAURANT	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	7/1/2019	7/31/2019	9/17/2019

NJ0805303	CAROLINE REUTTER SCHOOL	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0805303	CAROLINE REUTTER SCHOOL	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ0805454	CROWN PIPELINE	NITRATE (1040)	MCL, AVERAGE (02)	1/1/2019	3/31/2019	3/8/2019
NJ0809301	POLYMER ADDITIVES INC DBA VALTRIS SPECIA	TTHM (2950)	MCL, LRAA (02)	10/1/2019	12/31/2019	
NJ0809313	XYLEM DEWATERING INC DBA GODWIN	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	1/1/2019	3/31/2019	
NJ0809313	XYLEM DEWATERING INC DBA GODWIN	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	4/1/2019	6/30/2019	
NJ0809313	XYLEM DEWATERING INC DBA GODWIN	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	7/1/2019	9/30/2019	
NJ0809313	XYLEM DEWATERING INC DBA GODWIN	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ1001303	DELAWARE VALLEY REGIONAL	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	7/1/2019	9/30/2019	
NJ1001303	DELAWARE VALLEY REGIONAL	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ1021428	HERON GLEN GOLF COURSE	NITRATE (1040)	MCL, SINGLE SAMPLE (01)	10/1/2019	12/31/2019	
NJ1022364	VIANINI PIPE INC	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	4/1/2019	4/30/2019	7/5/2019
NJ1022379	READINGTON MIDDLE SCHOOL WELL #2	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	12/1/2019	12/31/2019	
NJ1026302	SOUTH HUNTERDON REGIONAL HS	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	4/1/2019	6/30/2019	
NJ1026302	SOUTH HUNTERDON REGIONAL HS	TTHM (2950)	MCL, LRAA (02)	7/1/2019	9/30/2019	
NJ1026302	SOUTH HUNTERDON REGIONAL HS	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	7/1/2019	9/30/2019	
NJ1026302	SOUTH HUNTERDON REGIONAL HS	TTHM (2950)	MCL, LRAA (02)	10/1/2019	12/31/2019	
NJ1026302	SOUTH HUNTERDON REGIONAL HS	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	10/1/2019	12/31/2019	

NJ1101325	EAST WINDSOR DELI	NITRATE (1040)	MCL, SINGLE SAMPLE (01)	7/1/2019	9/30/2019	
NJ1106316	BEAR TAVERN SCHOOL	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	7/1/2019	9/30/2019	
NJ1106316	BEAR TAVERN SCHOOL	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ1106317	TIMBERLANE MIDDLE SCHOOL	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ1106398	MBHK PROPERTIES OFFICES @ PENNINGTON POI	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ1319383	YESHIVAS EMEK HATORAH	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	10/1/2019	10/31/2019	2/12/2020
NJ1435330	CAMP LEWIS	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	8/1/2019	8/31/2019	
NJ1435346	KATHERINE D MALLONE SCH	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ1438341	CENTENARY COLLEGE-EQUESTRIAN	NITRATE (1040)	MCL, AVERAGE (02)	7/1/2019	9/30/2019	
NJ1508317	WEST CREEK LIQUORS	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	9/1/2019	9/30/2019	12/9/2019
NJ1511319	CREAM RIDGE CHICKEN HOLIDAY	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	4/1/2019	4/30/2019	3/6/2020
NJ1511429	LAKEHURST CONSOLIDATED LOGISTICS & TRAIN	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	10/1/2019	10/31/2019	12/20/2019
NJ1605303	LNA LITTLE FALLS LUKOIL #57300	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	7/1/2019	7/31/2019	9/10/2019
NJ1703306	ELSINBORO SCHOOL	NITRATE (1040)	MCL, AVERAGE (02)	10/1/2019	12/31/2019	
NJ1710343	PITTSGROVE TWP MIDDLE SCHOOL	COMBINED RADIUM (-226 & -228) (4010)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ1710343	PITTSGROVE TWP MIDDLE SCHOOL	GROSS ALPHA, EXCL. RADON & U (4000)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ1911346	BLACK BEAR GOLF CLUB	COMBINED URANIUM (4006)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ2101314	ALLAMUCHY CORPORATE CENTER LLC	COMBINED URANIUM (4006)	NJ MCL (MC)	10/1/2019	12/31/2019	
NJ2113305	ACI TRUCKSTOP	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	10/1/2019	10/31/2019	12/27/2019

NJ2113344	DELAWARE WATER GAP TRAVEL PLAZA	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	7/1/2019	7/31/2019	11/8/2019
NJ2120300	ALBA VINEYARD	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	6/1/2019	6/30/2019	12/31/2019
NJ2122332	297 RT 31 SOUTH LLC	E. COLI (3014)	MCL, E. COLI, POS E COLI (RTCR) (1A)	7/1/2019	7/31/2019	10/24/2019
NJ2122333	ROSSI CHRYSLER DODGE JEEP RAM	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	4/1/2019	6/30/2019	
NJ2122333	ROSSI CHRYSLER DODGE JEEP RAM	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	7/1/2019	9/30/2019	
NJ2122333	ROSSI CHRYSLER DODGE JEEP RAM	PERFLUORONONANOIC ACID (PFNA) (2804)	NJ MCL (MC)	10/1/2019	12/31/2019	

Treatment Technique Violations

NJ0105324	DALPONTE/RICHLAND	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	11/6/2017	3/31/2019	3/31/2019
NJ0105350	MARTIN LUTHER KING CENTER	LEAD & COPPER RULE (5000)	SUBMIT CCT FOR NC/NP SYS (FED TYPE 57) (D1)	7/1/2017	2/19/2019	2/19/2019
NJ0111453	ROMANELLIS CAFE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	4/19/2019	7/1/2019	7/1/2019
NJ0112321	PLAZA MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	8/20/2019		
NJ0113336	SAINT MARY OF MT CARMEL PARISH	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	1/4/2019	1/11/2019	
NJ0117331	HOMESTEAD RESIDENTIAL HEALTH CARE	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ0212301	CANDLEWYCK DINER	NAPHTHALENE (2248)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0212301	CANDLEWYCK DINER	METHYL TERT-BUTYL ETHER (2251)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0212301	CANDLEWYCK DINER	M-DICHLOROBENZENE (2967)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0212301	CANDLEWYCK DINER	1,1-DICHLOROETHANE (2978)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0212301	CANDLEWYCK DINER	1,1,2,2-TETRACHLOROETHANE (2988)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	

NJ0226300	HAWORTH SWIM CLUB	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	7/9/2019	8/21/2019	8/21/2019
NJ0263324	HESS COURT PARK	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	4/2/2019	4/8/2019	7/10/2019
NJ0301327	NEW GRETNA FIRE HOUSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	7/26/2019	10/16/2019	10/16/2019
NJ0306308	STAG BURLINGTON NO 2 LLC	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ0318306	BURLINGTON CNTY RESOURCE RECOV	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ0320310	LEXINGTON BUILDNG	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	12/24/2019		
NJ0320339	CAMP MATOLLIONEQUAY-YMCA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	6/21/2019	8/6/2019	
NJ0320339	CAMP MATOLLIONEQUAY-YMCA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	6/25/2019	8/19/2019	10/29/2019
NJ0321300	RIVIERA PIZZA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	11/11/2019		
NJ0333325	ORIGINAL TONYS PIZZA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	2/16/2019	6/20/2019	6/20/2019
NJ0334312	THE G SPOT	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	4/8/2019	8/8/2019	8/8/2019
NJ0334312	THE G SPOT	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	10/19/2019	12/17/2019	1/9/2020
NJ0418300	HADDON GLEN SWIM CLUB	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	11/11/2017	4/8/2019	4/8/2019
NJ0418300	HADDON GLEN SWIM CLUB	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	7/28/2018	4/8/2019	4/8/2019
NJ0504337	AVALON CAMPGROUND WELL #3	NITRATE (1040)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	7/1/2019	9/30/2019	
NJ0504337	AVALON CAMPGROUND WELL #3	NITRATE (1040)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ0504337	AVALON CAMPGROUND WELL #3	NITRATE (1040)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	

NJ0506421	MEADOW BROOK MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	10/24/2019	
NJ0506428	BEACH HOUSE MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	11/4/2019	
NJ0602302	US SILICA	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019
NJ0603308	F & S PRODUCE	GROSS ALPHA, EXCL. RADON & U (4000)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	7/1/2019	9/30/2019
NJ0603308	F & S PRODUCE	COMBINED URANIUM (4006)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	7/1/2019	9/30/2019
NJ0603308	F & S PRODUCE	COMBINED RADIUM (-226 & -228) (4010)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	7/1/2019	9/30/2019
NJ0603308	F & S PRODUCE	RADIUM-226 (4020)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	7/1/2019	9/30/2019
NJ0603308	F & S PRODUCE	RADIUM-228 (4030)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	7/1/2019	9/30/2019
NJ0603308	F & S PRODUCE	GROSS ALPHA, EXCL. RADON & U (4000)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019
NJ0603308	F & S PRODUCE	COMBINED URANIUM (4006)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019
NJ0603308	F & S PRODUCE	COMBINED RADIUM (-226 & -228) (4010)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019
NJ0603308	F & S PRODUCE	RADIUM-226 (4020)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019
NJ0603308	F & S PRODUCE	RADIUM-228 (4030)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019
NJ0603327	NATIONAL REFRIGERANT, INC.	GROSS ALPHA, EXCL. RADON & U (4000)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	1/1/2019	3/31/2019
NJ0603327	NATIONAL REFRIGERANT, INC.	COMBINED URANIUM (4006)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	1/1/2019	3/31/2019
NJ0603327	NATIONAL REFRIGERANT, INC.	COMBINED RADIUM (-226 & -228) (4010)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	1/1/2019	3/31/2019
NJ0603327	NATIONAL REFRIGERANT, INC.	RADIUM-226 (4020)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	1/1/2019	3/31/2019

NJ0603327	NATIONAL REFRIGERANT, INC.	RADIUM-228 (4030)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	1/1/2019	3/31/2019	
NJ0603327	NATIONAL REFRIGERANT, INC.	GROSS ALPHA, EXCL. RADON & U (4000)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	4/1/2019	6/30/2019	6/20/2019
NJ0603327	NATIONAL REFRIGERANT, INC.	COMBINED URANIUM (4006)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	4/1/2019	6/30/2019	6/20/2019
NJ0603327	NATIONAL REFRIGERANT, INC.	COMBINED RADIUM (-226 & -228) (4010)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	4/1/2019	6/30/2019	6/20/2019
NJ0603327	NATIONAL REFRIGERANT, INC.	RADIUM-226 (4020)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	4/1/2019	6/30/2019	6/20/2019
NJ0603327	NATIONAL REFRIGERANT, INC.	RADIUM-228 (4030)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	4/1/2019	6/30/2019	6/20/2019
NJ0604300	FORTESCUE PARK	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	8/24/2019	11/21/2019	11/21/2019
NJ0605312	GLORY TABERNACLE CHILD CARE	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ0608312	DOLLAR GENERAL STORE #18122 CEDARVILLE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	4/8/2019	4/14/2019	4/4/2019
NJ0818334	DUFFIELDS FARM MARKET	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	3/7/2019	5/20/2019	5/20/2019
NJ0824305	VESUVIO PIZZERIA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	12/15/2016	9/4/2019	9/4/2019
NJ1001311	MOUNTAIN VIEW CAMPGROUND	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	8/20/2019	8/22/2019	
NJ1002313	JUGSTOWN MT CAMPSITES	GROUNDWATER RULE (0700)	FAILURE TO ADDRESS CONTAMINATION (GWR) (48)	1/11/2018	1/3/2019	1/3/2019
NJ1002314	UNITY SPIRTUAL CENTER	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	1/7/2019	4/28/2019	4/28/2019
NJ1006331	31 SOUTH GRILLE & DELI	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	11/25/2019		
NJ1006338	CINNAMON TREE LLC	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	8/17/2019		
NJ1006345	SUNOCO FOOD MART	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	9/13/2019	12/17/2019	12/17/2019

NJ1006356	STEWARTS ROOT BEER	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	10/14/2018	12/31/2019	12/31/2019
NJ1006373	ACORN MONTESSORI SCHOOL BUILDING #2	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	1/1/2019	6/30/2019	
NJ1006373	ACORN MONTESSORI SCHOOL BUILDING #2	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ1007306	FOOD MART/DUNCAN DONUTS	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	3/18/2019	11/7/2019	11/7/2019
NJ1007306	FOOD MART/DUNCAN DONUTS	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	7/7/2019	11/7/2019	11/7/2019
NJ1008300	ALBERT ELIAS RESIDENTIAL GROUP	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	1/1/2019	6/30/2019	
NJ1008325	OLD YORK CELLARS	ARSENIC (1005)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	7/1/2019	9/30/2019	
NJ1016306	RAZBERRYS	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	7/2/2019		
NJ1016317	ARC/HUNTERDON ADULT TRAI	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	6/16/2019	6/25/2019	
NJ1016324	ROUTE 12 BUSINESS PARK	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	1/1/2019	6/30/2019	
NJ1016324	ROUTE 12 BUSINESS PARK	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ1019300	CAMP BERNIE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	2/25/2019	3/1/2019	3/1/2019
NJ1019300	CAMP BERNIE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	2/25/2019	3/1/2019	3/1/2019
NJ1019339	ONA ROSA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	8/10/2019		
NJ1022322	WHITEHOUSE COUNTRY STORE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	4/23/2018	3/6/2019	3/6/2019
NJ1022322	WHITEHOUSE COUNTRY STORE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	12/29/2018	3/6/2019	3/6/2019
NJ1022361	SALEM SQUARE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	9/22/2018	1/30/2019	1/30/2019

NJ1022361	SALEM SQUARE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	9/23/2018	1/30/2019	1/30/2019
NJ1025300	STATE OF NJ SPRUCE RUN RECREAT	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	12/1/2019		
NJ1106303	QUICK CHECK FOOD STORE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	7/12/2019	11/1/2019	11/1/2019
NJ1106303	QUICK CHECK FOOD STORE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	7/22/2019	12/9/2019	12/9/2019
NJ1106329	WASHINGTON CROSS SP GREEN GROVE PIC AREA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	10/14/2017	3/14/2019	3/14/2019
NJ1106329	WASHINGTON CROSS SP GREEN GROVE PIC AREA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	12/1/2017	3/14/2019	3/14/2019
NJ1106408	GRAVITY HILL FARMS	ARSENIC (1005)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	1/1/2019	3/31/2019	
NJ1309305	COLTS NECK RACQUET CLUB	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	1/8/2019	1/10/2019	1/10/2019
NJ1309340	PEBBLE CREEK GOLF CLUB @ COLTS NECK	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	12/15/2018	1/31/2019	1/31/2019
NJ1319383	YESHIVAS EMEK HATORAH	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	9/21/2019	10/3/2019	1/23/2020
NJ1319383	YESHIVAS EMEK HATORAH	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	10/28/2019	11/18/2019	1/23/2020
NJ1319383	YESHIVAS EMEK HATORAH	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	11/10/2019	11/18/2019	3/16/2020
NJ1319383	YESHIVAS EMEK HATORAH	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	12/7/2019	12/27/2019	3/13/2020
NJ1332358	CHARLESTON SPRINGS GOLF COURSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	12/8/2018	1/17/2019	1/17/2019
NJ1332358	CHARLESTON SPRINGS GOLF COURSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	12/30/2018	1/17/2019	1/17/2019
NJ1332358	CHARLESTON SPRINGS GOLF COURSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	2/12/2019	3/13/2019	3/13/2019
NJ1332358	CHARLESTON SPRINGS GOLF COURSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	3/9/2019	5/15/2019	5/15/2019

NJ1332358	CHARLESTON SPRINGS GOLF COURSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	3/9/2019	5/17/2019	5/20/2019
NJ1332358	CHARLESTON SPRINGS GOLF COURSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	4/2/2019	5/14/2019	5/15/2019
NJ1332358	CHARLESTON SPRINGS GOLF COURSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	4/2/2019	5/14/2019	5/15/2019
NJ1332358	CHARLESTON SPRINGS GOLF COURSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	4/2/2019	5/14/2019	5/15/2019
NJ1351301	PASQUALE & 3 BROTHERS REST	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	11/11/2018	1/16/2019	1/16/2019
NJ1351316	THE PORK ROLL STORE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	8/26/2019		
NJ1351337	LAUREL POND	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	1/28/2019	3/7/2019	3/7/2019
NJ1351338	NJ CHRISTIAN ACADEMY MAIN BLDG WELL 2	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	2/2/2019	2/19/2019	2/19/2019
NJ1352321	BRIELLE HILLS BLDG #1&2	LEAD & COPPER RULE (5000)	OCCT/SOWT INSTALL DEMONSTRATION (LCR) (58)	5/13/2019		
NJ1414340	DAILY PLANET INC	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	11/28/2019	12/11/2019	12/11/2019
NJ1414401	JEFFERSON TWP HIGH SCHOOL	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ1415308	APPLE MONTESSORI SCHOOLS	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	10/31/2019		
NJ1419306	CAMP JOCKEY HOLLOW	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	11/19/2018	1/7/2019	1/7/2019
NJ1427311	SEVEN-ELEVEN STORE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	6/25/2019	7/9/2019	7/25/2019
NJ1427314	PARAMOUNT PLAZA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	7/19/2019	7/22/2019	7/22/2019
NJ1427390	ROUTE 46 CHEVROLET	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ1432331	LA STRADA RESTAURANT	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	11/11/2019		

NJ1432343	SCHOOL HOUSE PLAZA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	1/22/2019	3/11/2019	3/11/2019
NJ1432343	SCHOOL HOUSE PLAZA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	3/10/2019	3/11/2019	
NJ1432343	SCHOOL HOUSE PLAZA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	5/18/2019		
NJ1432347	N & G PROPERTIES	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	1/8/2019		
NJ1432347	N & G PROPERTIES	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	2/15/2019		
NJ1435329	FIRST BAPTIST CHURCH OF DOVER	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	11/2/2018	5/1/2019	5/1/2019
NJ1505375	AIR PARK EMERGENCY SERVICES	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	10/24/2019
NJ1508319	JEFFREEZE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	10/13/2019	10/14/2019	1/16/2020
NJ1511418	JACKSON UNITED METHODIST CHURC	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	4/5/2019		
NJ1511418	JACKSON UNITED METHODIST CHURC	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	4/27/2019		
NJ1533305	BARNEGAT MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	10/16/2018	7/12/2019	7/12/2019
NJ1533305	BARNEGAT MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	12/30/2018	7/12/2019	7/12/2019
NJ1533305	BARNEGAT MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	12/31/2018	7/12/2019	7/12/2019
NJ1533305	BARNEGAT MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	2/4/2019	3/22/2019	3/22/2019
NJ1533305	BARNEGAT MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	2/4/2019	3/22/2019	7/12/2019
NJ1533305	BARNEGAT MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	4/2/2019	7/12/2019	7/12/2019
NJ1533305	BARNEGAT MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	4/2/2019	7/12/2019	7/12/2019

NJ1533305	BARNEGAT MOTEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	4/2/2019	7/12/2019	7/12/2019
NJ1615331	PROJECT USE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	8/12/2018	5/3/2019	5/3/2019
NJ1615382	WEST MILFORD BAR & LIQUOR	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	12/16/2018	2/11/2019	2/11/2019
NJ1615446	SHILOH BIBLE CAMP	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	4/15/2019	8/15/2019	8/15/2019
NJ1615446	SHILOH BIBLE CAMP	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	5/4/2019	8/15/2019	8/15/2019
NJ1615446	SHILOH BIBLE CAMP	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	5/18/2019	8/7/2019	8/15/2019
NJ1615450	CONVENIENCE AMERICA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	12/2/2018	2/15/2019	2/15/2019
NJ1615457	NEWFOUNDLAND BP	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	8/30/2019	9/3/2019	12/17/2019
NJ1710343	PITTSGROVE TWP MIDDLE SCHOOL	GROSS ALPHA, EXCL. RADON & U (4000)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ1710343	PITTSGROVE TWP MIDDLE SCHOOL	COMBINED URANIUM (4006)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ1710343	PITTSGROVE TWP MIDDLE SCHOOL	COMBINED RADIUM (-226 & -228) (4010)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ1710343	PITTSGROVE TWP MIDDLE SCHOOL	RADIUM-226 (4020)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ1710343	PITTSGROVE TWP MIDDLE SCHOOL	RADIUM-228 (4030)	FAILURE TO MAINTAIN TREATMENT DEVICE (TD)	10/1/2019	12/31/2019	
NJ1713306	SALEM COUNTY SPORTSMENS CLUB	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	1/3/2017	12/9/2019	12/9/2019
NJ1713306	SALEM COUNTY SPORTSMENS CLUB	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	7/19/2018	12/9/2019	12/9/2019
NJ1801307	FIDDLERS ELBOW GOLF COURSE	GROUNDWATER RULE (0700)	FAILURE TO ADDRESS CONTAMINATION (GWR) (48)	2/6/2019	4/18/2019	4/18/2019
NJ1802315	PLEASANT VALLEY POOL/ PARK	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	11/10/2018	1/15/2019	1/15/2019

NJ1805326	CHURCH OF JESUS CHRIST LATTER DAY SAINTS	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	3/8/2019	4/4/2019	4/4/2019
NJ1805364	LA STRADA CAFE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	8/6/2019	8/30/2019	8/30/2019
NJ1808372	GRIGGSTOWN REFORMED CHURCH	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	5/31/2018	4/2/2019	4/2/2019
NJ1808372	GRIGGSTOWN REFORMED CHURCH	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	11/2/2018	1/31/2019	4/2/2019
NJ1808372	GRIGGSTOWN REFORMED CHURCH	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	5/4/2019	9/3/2019	9/3/2019
NJ1902361	MANOR PLAZA CONDO ASSOCIATION COMPLEX	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	1/1/2019	6/30/2019	
NJ1902361	MANOR PLAZA CONDO ASSOCIATION COMPLEX	LEAD & COPPER RULE (5000)	WQP LEVEL NON-COMPLIANCE (LCR) (59)	7/1/2019	12/31/2019	
NJ1902365	LAWRENCE BUSINESS PARK CONDO ASSOC.	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	1/22/2019	3/1/2019	3/1/2019
NJ1904456	NJDEP WATERLOO VILLAGE OFFICE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	12/21/2019	12/30/2019	
NJ1905313	NJ STATE POLICE BARRACKS	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	8/31/2019		
NJ1913313	A&G PIZZA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	12/2/2018	2/14/2019	2/14/2019
NJ1918351	SUSSEX CTY CHARTER SCHOOL - A	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	12/17/2018	1/17/2019	1/17/2019
NJ1920337	CAMP LOU HENRY HOOVER / CARETAKER HOUSE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	8/10/2019		
NJ1922313	SUSSEX COUNTY LIBRARY	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	12/10/2018	1/17/2019	1/17/2019
NJ1922313	SUSSEX COUNTY LIBRARY	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	1/7/2019	1/17/2019	1/17/2019
NJ1922355	LEARN AND PLAY ACADEMY	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	11/25/2018	1/2/2019	1/2/2019

NJ1924333	QUICK STOP DELI	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	12/23/2018	1/12/2019	3/19/2019
NJ2103306	BELVIDERE REGIONAL POOL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	10/23/2018	5/6/2019	5/6/2019
NJ2103306	BELVIDERE REGIONAL POOL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	11/9/2018	5/6/2019	5/6/2019
NJ2105320	ISE FARMS INC	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	8/13/2019	9/10/2019	
NJ2106300	JENNY JUMP STATE FOREST	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	9/2/2017	3/13/2019	3/13/2019
NJ2106315	JENNY JUMP ST PARK-SITE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	11/5/2019	11/25/2019	
NJ2106315	JENNY JUMP ST PARK-SITE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	11/5/2019	11/22/2019	
NJ2110311	HARMONY SPIRITS & GROCERY	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	6/4/2019	10/8/2019	10/8/2019
NJ2112322	INDEPENDENCE COMMUNITY C	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	12/11/2018	2/11/2019	2/11/2019
NJ2112327	INDEPENDENCE TWP. MUN. BLDG.	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	10/14/2019		
NJ2113305	ACI TRUCKSTOP	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	12/5/2019		
NJ2113310	US GAS AND DIESEL	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	8/14/2018	5/16/2019	5/16/2019
NJ2113311	ELLIAS CREATIVE AMERICAN CUISINE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	2/11/2019	5/23/2019	5/23/2019
NJ2113328	KNOWLTON UNITED METHODIS	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	12/10/2018	8/15/2019	8/15/2019
NJ2113339	KNOWLTON TWP RECREATION PARK	GROUNDWATER RULE (0700)	FAILURE TO ADDRESS CONTAMINATION (GWR) (48)	2/2/2019		
NJ2113344	DELAWARE WATER GAP TRAVEL PLAZA	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR) (2A)	12/20/2018	7/16/2019	7/16/2019
NJ2116326	FLEXCO MICROWAVE INC	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	1/13/2019	9/12/2019	9/12/2019

NJ2116333	MANSFIELD TWP MUNICIPAL COMPLE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	10/8/2016	10/4/2019	10/4/2019
NJ2117305	OXFORD FURNACE LAKE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR) (2A)	10/21/2016	7/30/2019	7/30/2019
NJ2117305	OXFORD FURNACE LAKE	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR) (2B)	9/29/2018	9/19/2019	9/19/2019
NJ2120300	ALBA VINEYARD	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	LEVEL 2 ASSESSMENT, MCL TRIGGERED (RTCR) (2B)	8/2/2019	12/31/2019	12/31/2019
NJ2120300	ALBA VINEYARD	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	10/18/2019	11/12/2019	11/12/2019
NJ2120300	ALBA VINEYARD	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	10/18/2019	11/12/2019	11/12/2019
NJ2122332	297 RT 31 SOUTH LLC	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	10/17/2019	10/24/2019	10/24/2019
NJ2122332	297 RT 31 SOUTH LLC	REVISED TOTAL COLIFORM RULE (RTCR) (8000)	CORRECTIVE/EXPEDITED ACTIONS (RTCR) (2C)	10/17/2019	10/24/2019	10/24/2019