

COMMUNITY WATER SUPPLY INSPECTION SUPPLEMENT - 2022

GENERAL

Reporting Emergencies

A copy of the Reporting Emergencies at Public Water Systems bulletin must be posted at water plants and/or water operators' offices. The requirements for Department of Health notification during emergencies are noted on the bulletin.

Distribution System Flushing

The distribution system should be flushed at least once per year. The distribution system valves should be exercised on an annual basis to ensure that they operate properly. Broken or non-functioning valves and hydrants should be repaired or replaced when they are found.

Distribution System Mapping

Good mapping of the distribution system should be available. Having the map in digital format that can be accessed while in the field is a huge advantage for water operators.

Leak Detection

Leak detection should be performed on a routine maintenance basis, not just in the event of a major loss of water.

Backflow Prevention

Community water suppliers are required to have a cross connection control program in place to protect the water system from contamination by requiring backflow prevention devices to be installed for commercial and industrial users in the system. The water system operators need to determine the degree of potential hazard and the type of device required at each connection. The building owner is responsible for installing an approved backflow prevention device and having the device tested annually by a certified tester.

The water supplier is responsible for making sure that the devices are tested. Water operators should prepare a list of all establishments in the water system that should have backflow prevention devices. Some examples include schools, hospitals, wastewater treatment plants, restaurants, etc. A letter should be sent each year to the owner of the backflow prevention device reminding them to have the device tested and to send certifications to the water supplier. The certifications from the backflow testers should be tracked by the water supplier to ensure that each backflow prevention device in the system is tested on an annual basis.

The Unified Building Code requires that new homes and other structures include a backflow prevention device in their connection to the water system. The water operator should discuss this issue with the local Code Enforcement Officer to ensure that the CEO is enforcing this requirement.

All hoses in use within the water plant should have backflow prevention devices (i.e. hose bib vacuum breakers)

Storage Tanks

The NYS DOH and the American Water Works Association (AWWA) recommend that storage tanks should be inspected every 5 years. A copy of the storage tank inspection report should be submitted to our office.

Annual Water Quality Report

Annual Water Quality Reports must be distributed by May 31st of each year with the previous year water quality information. The Report must be mailed to every bill paying customer and a Certification Form completed and sent to the Department of Health. The Certification Form for last year's report was received.

Coliform Bacteria

Coliform bacteria sample are collected in accordance with the Site Sampling Plan. Free chlorine residual levels must be measured at the time the samples are collected. Free chlorine residuals must be measurable throughout the distribution system. In the event of a positive coliform bacteria sample, 3 repeat samples must be collected as soon as possible, from the original site, a location within 5 service connections upstream, a location within 5 service connections downstream and a random location. Systems with groundwater sources must also collect a raw water sample.

Nitrate

A nitrate sample must be collected once each year at entry point.

ADDITIONAL SURFACE WATER & GWUDI SYSTEM REQUIRMENTS**Turbidity**

Continuous turbidimeters must be calibrated as required by the manufacturer. Continuous turbidity monitoring is required at the filter plant and results must be reported every 4 hours. If the continuous turbidimeter fails, the water operators must collect grab samples every 4 hours when the filters are operating. The turbidimeters must be repaired or replaced within 5 working days. The performance standard for filters is 0.3 NTU for conventional and direct filtration systems (1.0 NTU for Diatomaceous Earth (DE) and slow sand filter systems). A treatment technique violation occurs if more than 5 percent of the filtered water turbidity measurements taken each month exceed 0.3 NTU (1.0 for DE & slow sand). A violation occurs if the turbidity level of the filtered water entering the distribution system exceeds 1.0 NTU (5.0 NTU for DE & slow sand) and a Boil Water Order will be issued.

Water Intake Structure

Water supply intake structures should be inspected annually.

Long Term 2 Enhanced Surface Water Treatment Rule (LT2)

Surface water systems collected raw water E Coli (enumeration) bacteria samples every other week for 1 year starting in October in 2017 to determine if the water source is vulnerable to contamination with cryptosporidium. This requirement will be repeated every 9 years.

SDWIS/State Public Water System Inventory Report

PWS Name: WILMINGTON WD - PWS ID: NY1500300

Basic Information

State PWS Type Code: C-Community water system
 Principal County: ESSEX
 Activity: A
 Federal Primary Source Type: SW-Surface water
 System Population: 980
 Overall Population: 980
 Last Sanitary Survey: October 20, 2022

Federal PWS Type Code: C-Community water system
 Principal City: WILMINGTON (T)
 Owner Type: L-Local Government
 State Primary Source Type: SW-Surface water
 Total Service Connections: 525
 Overall Service Connections: 525

Population Served

R-Residential Population: 980
 Total Population: 980

Service Areas Characteristics

MUNICIPALITY (MU) Primary Service Area

Related Geographic Areas

ESSEX (CN-County) FIPS: 36031 State Code: 15 Principal? Primary WILMINGTON (T) (CT-City) FIPS: State Code: 1567 Principal? Primary

Points of Contact

AC-Administrative Contact

WILMINGTON SUPERVISOR AND TOWN BOARD
 Phone: 518-946-7174
 SPRINGFIELD RD.
 PO BOX 180
 WILMINGTON, NY 12997

DO-Designated Operator in Direct Charge

ORSI, ED Phone: 518-946-7210
 WILMINGTON WD
 PO BOX 180
 WILMINGTON, NY 12997

EC-Emergency Contact

ORSI, ED Phone: 518-946-7210
 WILMINGTON WD
 PO BOX 180
 WILMINGTON, NY 12997

OP-Operator

LANGFORD, JOHN Phone: 518-946-7210
 PO BOX 180
 WILMINGTON, NY 12997

OP-Operator

ORSI, ED Phone: 518-946-7210
 WILMINGTON WD
 PO BOX 180
 WILMINGTON, NY 12997

Certified Operators

Adragna, Louis P - NY00388641
 Orsi, Edward V - NY0038034
 Hodgson, Todd C - NY0033093
 Skufca, William J - NY0038457
 Langford IV, John M - NY0039683

Regulating Agency

SARANAC LAKE DISTRICT OFFICE NEW YORK STATE DEPARTMENT OF HEALTH

Water Purchases

Water System Facilities

WHITEFACE CHLORINE BOOSTER PUMP State ID: BP001 - Facility Type: PF-Pump
 Facility Activity:A
 QUAKER MTN. BOOSTER PUMP STATION State ID: BP002 - Facility Type: PF-Pump
 Facility Activity:A

Water System Field Compliance Inspection Summary Report

Operation: Wilmington WD (ID: 373931)
Facility Name: WILMINGTON WD
Facility Code: 1500300
Facility Address: Whiteface Mtn Highway, Wilmington, NY 12997
NYS Public Water Supply (PWS) ID: NY1500300

To the Attention of:

Roy C Holzer
TOWN OF WILMINGTON
Po Box 180
Wilmington, NY 12997
Email: royholzer@hotmail.com

Sanitary Survey

Date: October 20, 2022 08:00 AM
Inspector: Marlene Martin (marlene.martin@health.ny.gov)
Responsible Person: Ed Orsi

Summary

Number of Critical Violations Found: 0
Number of Other Violations Found: 0
Number of Deficiencies Found: 0

Reinspection is not Required

Each item found in violation is reported below along with the code requirement.

NO CRITICAL VIOLATIONS REPORTED

NO NON-CRITICAL VIOLATIONS REPORTED

NO DEFICIENCIES REPORTED

Water System Information

Source Type: Surface,
Type of Disinfection: Chlorine (Cl),
Disinfection Waiver Issued? No
4-Log Treatment Installed? Yes
Coliform Surveillance Sample Collected? No

Chlorine Residual Reading(s):

1) Cl Residual: 1 Time: 8:10 AM Location: entry point

Water System Notes:

Comments: No violations observed at the time of the inspection. The bulk storage tanks looked good.