



Columbia County Department of Health

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Victoria McGahan, MS
Public Health Director

September 28, 2023

Honorable John Howe
Village Hall
77 Main Street
Chatham, New York 12037

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Village of Chatham

Re: Annual Inspection
Public Water Supply
Chatham Village

Honorable Mayor Howe:

This letter is in confirmation of the inspection of the Chatham Village public water supply conducted on September 26, 2023 by Health Department personnel.

The Village of Chatham obtains its drinking water from a caisson well located along the Kline Kill in the Town of Ghent and from an auxiliary well field on Shore Avenue in the Village of Chatham. Prior to distribution liquid sodium hypochlorite is injected into the supply at the Kline Kill source.

The Kline Kill centrifugal well pumps convey flows at approximately 450 gallons per minute (gpm) to the distribution system including a 330,000-gallon steel standpipe and the recently constructed 428,000 elevated storage tank on Dinnegar Avenue in the Chatham Village providing distribution storage for peak demands.

There are approximately 825 service connections with average daily consumption reported to be approximately 350,000 gallons per day (GPD).

The Village has Mr. John Bartholomew Chief Water Operator, who is in responsible charge of the supply is a certified Class IIB & D operator. The Village also employs Mr. Phil Genovese (Village Wastewater Operator), Mr. Jason Beck and Mr. Corey Doxheimer (Full Time Laborer) as assistant operators. Mr. Genovese and Mr. Beck are both in the process of obtaining the Class IIB Certification.

WATER QUALITY

The Village collects four bacteriological samples per month and our Department collects quarterly bacteriological samples. All bacteriological samples collected in 2023 were generally of a satisfactory sanitary quality.

FINDINGS/IMPROVEMENTS

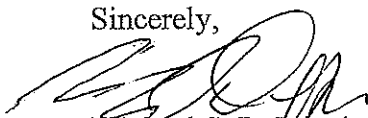
1. The new 428,000 gallon storage tank has been recalibrated with adjustments to the pressure sensors that regulate the tank levels with the pumping operation from Kline Kill.
2. The Village has purchased the Diamond Maps System that has been integrated into the GIS system that has the capability to monitor the distribution system pressures and any changes in system pressured due to a water main break or other condition affecting system pressures. In addition, the program has a provision to incorporate an inventory of lead services for compliance with the mandated state requirements for 2024.
3. In 2022, approximately 1,000 feet of 12 inch High Density Polyethylene Pipe (HDPE) was installed along Route 66 (Hudson Avenue) from the Chatham Fairgrounds to the Bank of Greene County. This past year approximately 2,000 feet of 12 inch HDPE water main was installed from the fairgrounds to Route 203.
4. New 8" HDPE was installed on Hoffman Avenue between Woodbridge Road and Washington Street.
5. Next year the Village is seeking to replace the 1886 Cast Iron Pipe distribution mains with 12" HDPE further north in the Village beyond Church Street (State Route 203).
6. The Village maintains a flushing program performed two times per year in the spring and fall and was recently completed last month at dead end locations in the system.
7. The Village continues to replace meters with new radio read type meters with notices sent for customers on Hudson Avenue.
8. The Village is working towards developing a secondary source of water to supplement the Kline Kill source.
9. New wood doors were installed at the pump house and the roof will be in need of repair from the fallen tree that damaged the corner of the building. Mr. Bartholomew is working to coordinate with contractors for this work.

RECOMMENDATIONS

1. We commend the Village for the efforts to modernize and improve the water system and concur with the funding of these improvements and continued funding for future improvements as noted.

This concludes our summary of the inspection and we wish to thank Mr. Bartholomew and his staff for meeting with us during the inspection and for continuing to operate the system in a satisfactory manner.

Sincerely,



Michael S. DeRuzzio, P.E.
Environmental Health Engineer

cc: John Bartholomew, Village Chief Water Operator
Amy Schober, CCDOH

Attachment/Enclosure

