

CONNECTICUT DEPARTMENT *of* PUBLIC HEALTH
DRINKING WATER SECTION

Welcome to the 2017 Watershed
Inspector Training

at

The Metropolitan District Training Center

Lori J. Mathieu

Public Health Section Chief

September 19, 2017

Drinking Water Section Responsibilities

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- 50 Staff
- Protect Public Health of CT residents and visitors that consume public drinking water
- Responsible for the purity and adequacy oversight statewide for all public water systems
- Work to proactively prevent impacts to public health
- Regulates 2,550 Public Water Systems
- 2.8 Million Connecticut Residents Served
- 550 Community Systems
- 2,000 Non-community Systems
- 150 Reservoir systems
- 4,000 Ground Water Sources



State Planning and Source Water Protection

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State Water Plan 5 Most Important Messages:

- **PLAN FUNCTION:** The Plan is not an answer, but a platform for consistent, informed decision making.
- **MAINTAIN HIGHEST QUALITY DRINKING WATER:** The Plan reaffirms the state's dedication to the highest standard of drinking water quality in the nation (Class A).
- **BALANCE:** Many river basins in Connecticut cannot satisfy all instream and out-of-stream needs all the time. The Plan offers ideas for understanding and improving this balance.
- **CONSERVATION:** While Connecticut leads the nation in protections of drinking water quality, the State lags in its water conservation ethic. Outreach that builds on utility initiatives is one of the most important recommendations in this Plan.
- **MAINTAIN SCIENTIFIC DATA:** The plan advocates for the collection and use of scientific data, as well as centralized access to it.

Water Utility Coordinating Committee

- **WUCC:** Three Regions, Eastern, Central and Western
- **INTENT:** to “maximize efficient and effective development of the state’s public water supply systems and to promote public health, safety and welfare.”
- **MODULE #4 OF COORDINATED PLAN: SOURCE PROTECTION**
 - **Where You Fit into the Plan**
 - Protection for Surface Water Supplies can cover a small area or a very large area spanning multiple jurisdictions
 - Watershed protection for large systems typically includes regular inspections and site walks to check for septic system failures and dumping on watershed land
 - Water Utilities and Councils of Government working together to solve cross-jurisdictional challenges



Watershed Inspectors are the first line of public health protection and have been for nearly 100 years

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CONNECTICUT STATE DEPARTMENT OF HEALTH August 28, 1936 BUREAU OF SANITARY ENGINEERING

SUBJECT: NEW HARTFORD, CONN., INSPECTION OF ANNUAL COPY SENT
THE PUBLIC WATER SUPPLY OF THE VILLAGE
WATER COMPANY OF NEW HARTFORD Mr. C.E. Jones, Mgr.
Village Water Co.
New Hartford, Conn.

TO: Warren J. Scott, Director,
Bureau of Sanitary Engineering

FROM: Leslie K. Sherman, Assistant
Sanitary Engineer

On August 21, 1936 an inspection was made of the public water supply of the Village Water Company of New Hartford. Mr. C.E. Jones, the manager, was interviewed before and after the inspection.

A report of the last inspection of this supply may be found in the files of this office under date of April 18, 1935.

The supply is taken from a small impounded reservoir on a brook known as Spruce Brook about one-half mile west of the center of New Hartford. A previous report states that the capacity of this reservoir is in the vicinity of 1,100,000 gallons and that the surface area when full is in the vicinity of one acre. The yield of this supply has apparently been adequate in the past. The reservoir was full at the time of this inspection.

Work which was started several years ago and reenforcing the present dam with stonework has not progressed in recent years. It is understood that some work was done around the intake pipe this year. At the time this work was done a small area of the reservoir near the intake was cleaned.

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New Hartford, Conn.,
Inspection of the Public Water Supply
of the Village Water Co. of New Hartford

Aug. 28, 1936

WATERSHED INSPECTION

The locations listed were visited on the watershed. The numbers correspond to those to be found on a U.S. Geological Survey map in the files of this office.

1. Mrs. H.H. [redacted] estate. Summer place, 3 persons. A shallow pit privy is located so that the drainage is below the dam of the reservoir. The sink drainage flows onto the ground at a point that appears to drain below the dam also. There does not appear to be any danger to the water supply from this property.
2. House owned by the Village Water Company and occupied by William [redacted], 3 persons. A septic tank and cesspool has been provided on this property and at the time of this inspection the cesspool was found to be overflowing at a point about 150 ft. from the stream. This matter was discussed with Mr. Jones and he stated that it would be taken care of immediately.
8. C. [redacted]. The house and barn are located off the watershed. Some of the land connected with this property is along the main stream and at times, cows have been pastured at this location. Although probably not dangerous, pasturage at this location is undesirable.
10. C.H. [redacted] 6 persons, 12 cows, 2 horses. A cesspool and pit privy are located about 800 ft. from any stream. These appeared to be in fairly good condition and the distance is such that no serious hazard to the water supply would be expected. There is considerable pasturage on this property which may be near the stream.
3. Henry [redacted] 4 persons, 7 cows, 1 horse. The sink drainage is disposed of by means of a cesspool about 45 ft. from the stream. A concrete vault has been constructed under the privy and this structure is located about 50 ft. from the stream. An additional cesspool has been provided to take care of the drainage from the milk house. This cesspool is about 40 ft. from the stream. All of these structures appear to be in good condition and should not constitute a menace to the water supply. It was noted that a very dry manure pile was



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Thank You for Attending