

# Town of Woodstock

# Drinking Water Source

# Protection Program (DWSP2)

**Together, we can protect your drinking water.**

*Locally Led, State-Supported Source Water Protection*

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# Developing Your Program



# Progress to Date:

- Completed Source Water Maps and Groundwater modeling
- Identified community specific water quality issues to prioritize
- Identified Protection and Management Strategies
- Began compiling progress into a report to be submitted for state review (in progress)

# Protection Areas

**Critical Area:** Represented by the wellhead contributing area for Woodstock's municipal wellfields

- Delineated using MODFLOW

**Source Water Area:** Drainage basin upstream from the municipal wellfield

- Shallow sand/gravel wells interact with surface water

# Priority Issue #1: Per-and Polyfluoroalkyl Substances (PFAS)

## Goals:

- Understand current levels and evaluate potential sources of PFOS in the Town's wells
- Reduce future PFAS contamination in the Town's aquifer



# **Priority Issue #2: Residential Sources of Pollution**

## **Goals:**

- Reduce contamination originating from residential sources that may contaminate the water supply
  - Septic tanks
  - PFAS
  - Fertilizer/herbicides

# Priority Issue #3: Education and Outreach

## Goals:

- Engage community in Source Water Protection efforts
  - Volunteer for sample collection
  - Town Hall meetings
- Increase community confidence in the Town's drinking water



# **Priority Issue #4: Management of Regulated Potential Contaminant Sources**

## **Goal:**

- Reduce potential contamination originating from petroleum bulk storage facilities
  - Create a line of communication with sites of interest

# Priority Issue #5: Transportation Runoff

## Goal:

- Reduce transportation related runoff
  - Road salt
  - Herbicides
- Strengthen communication between State, County, and Town highway departments

# **Priority Issue #6: Future Land Use and Development**

## **Goals:**

- Incorporate source water protection into future land use decisions
- Ensure there is sufficient water quantity for current and future use

# **Priority Issue #7: Woodstock Groundwater Evaluation**

## **Goals:**

- Calculate a water budget for Woodstock's aquifer
  - Better inform future development and resource management
- Private well synoptic sampling
  - Create chemical “snapshot” of the watershed
  - Improve groundwater model calibration

# Next Steps

1

Complete draft  
DWSP2 plan

2

Submit draft for  
State review

3

Begin  
Implementation

# Thank you!

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