

Town of Woodstock

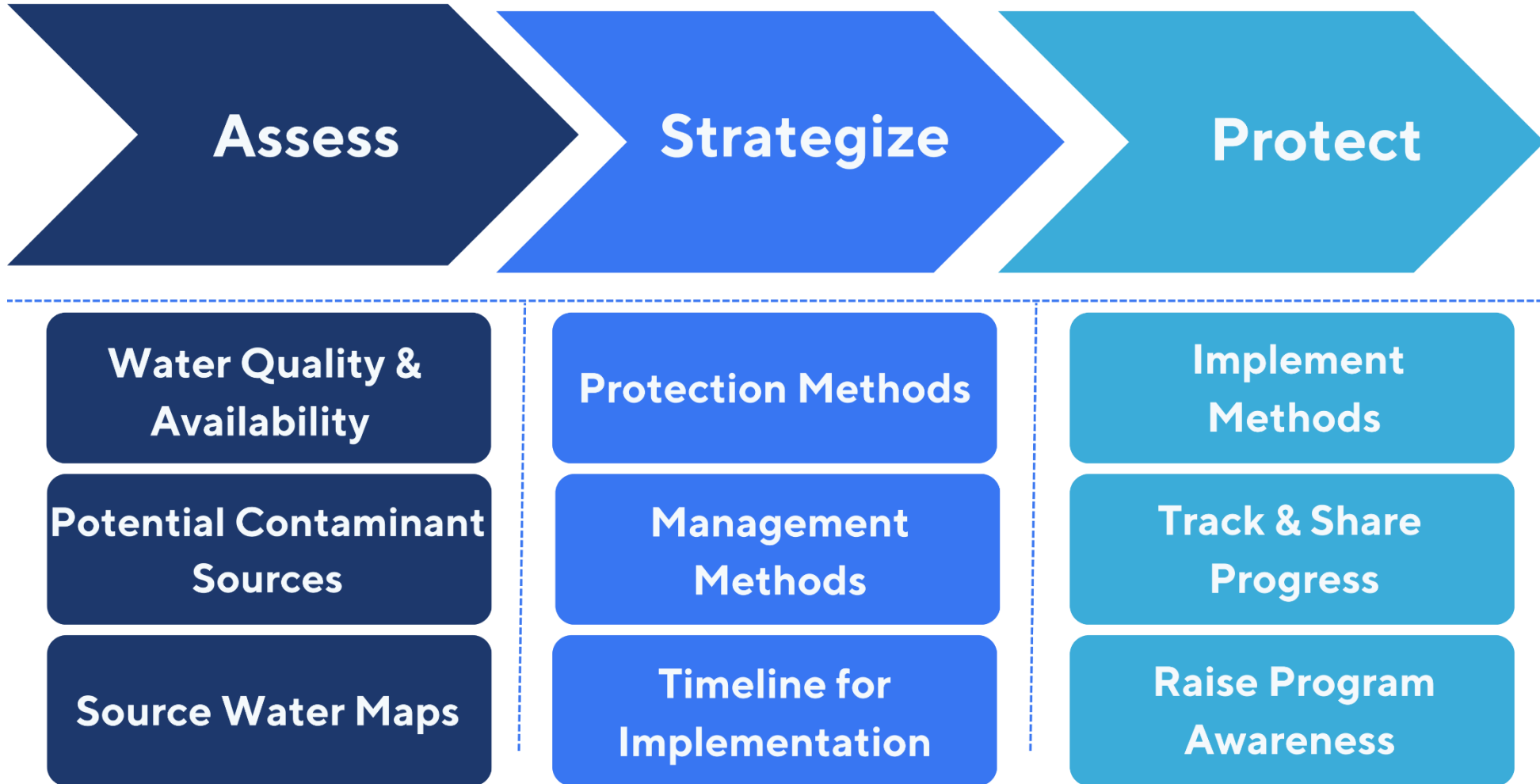
Drinking Water Source Protection Program (DWSP2)

Together, we can protect your drinking water.

Locally Led, State-Supported Source Water Protection

Paige Bogart and Mike Forgeng

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

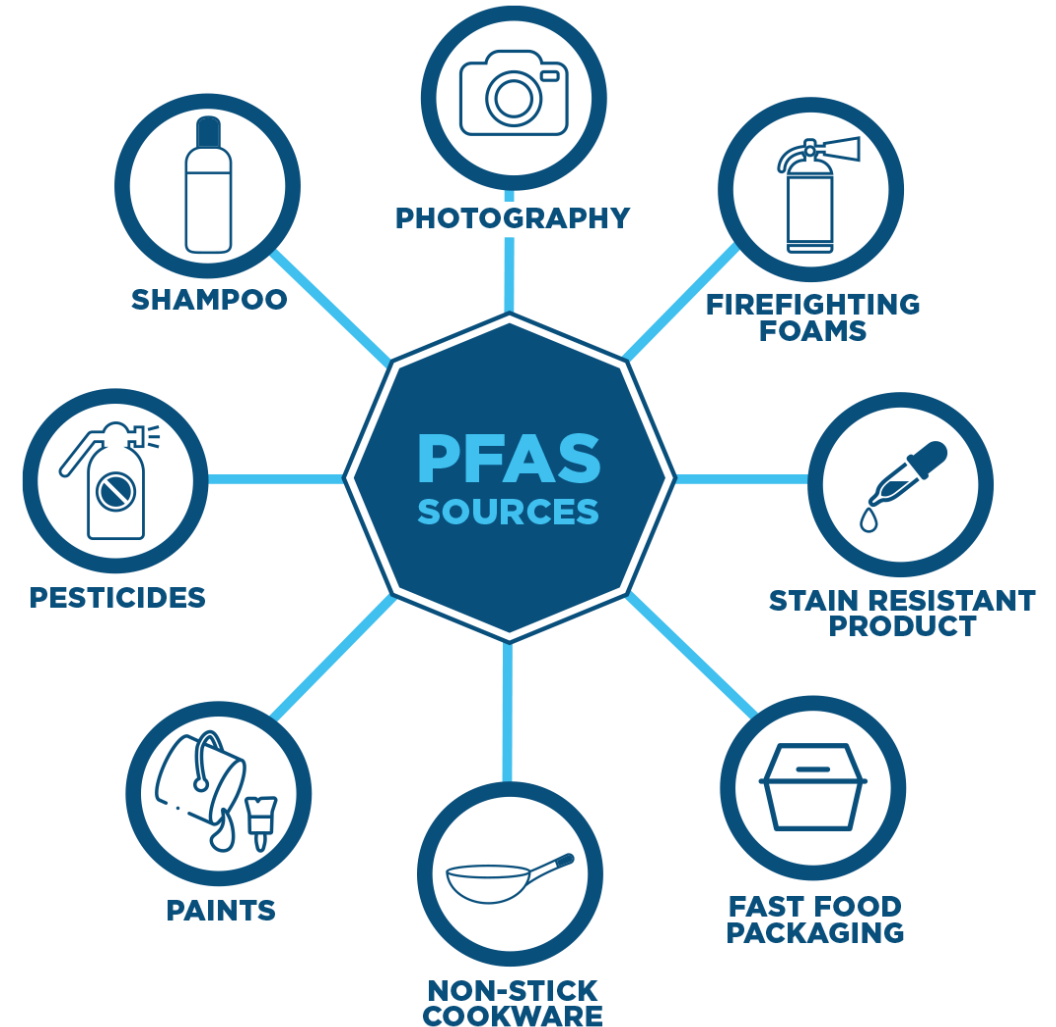
Source Water Area: Drainage basin upstream from the municipal wellfield

- 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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