



Drinking Water Source Protection Program



Department of
Environmental
Conservation

Department
of Health

Department
of State

Department of
Agriculture
and Markets

Together, we can protect your drinking water.

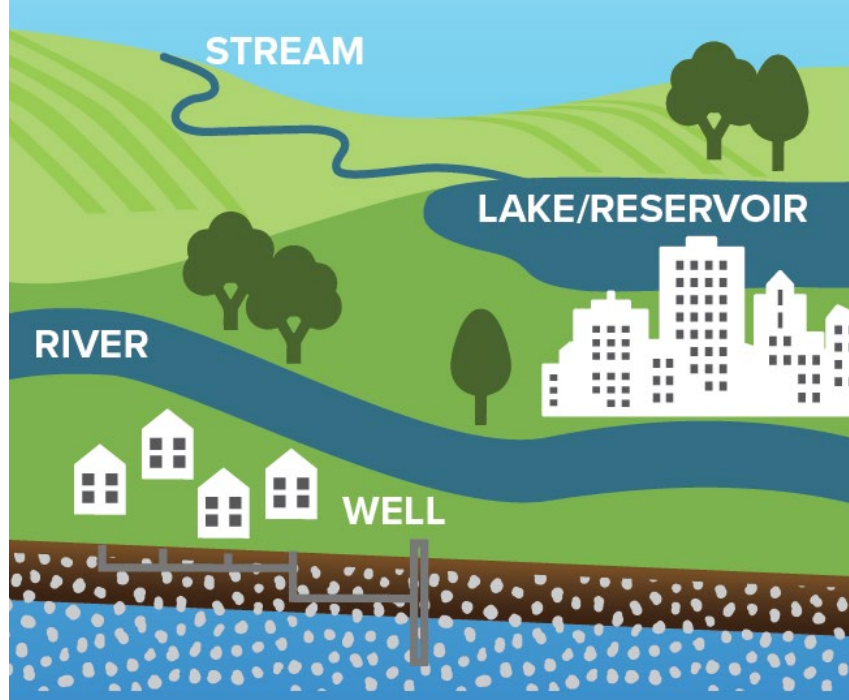
Locally Led, State-Supported Source Water Protection

Madeline Silecchia & Colleen Bradley

June 14, 2023

WHAT IS SOURCE WATER?

Your drinking water can come from:



WHAT IS SOURCE WATER?

Your drinking water can come from:

WHY PROTECT SOURCE WATER?

Potential contaminants can come from:



WHAT IS SOURCE WATER?

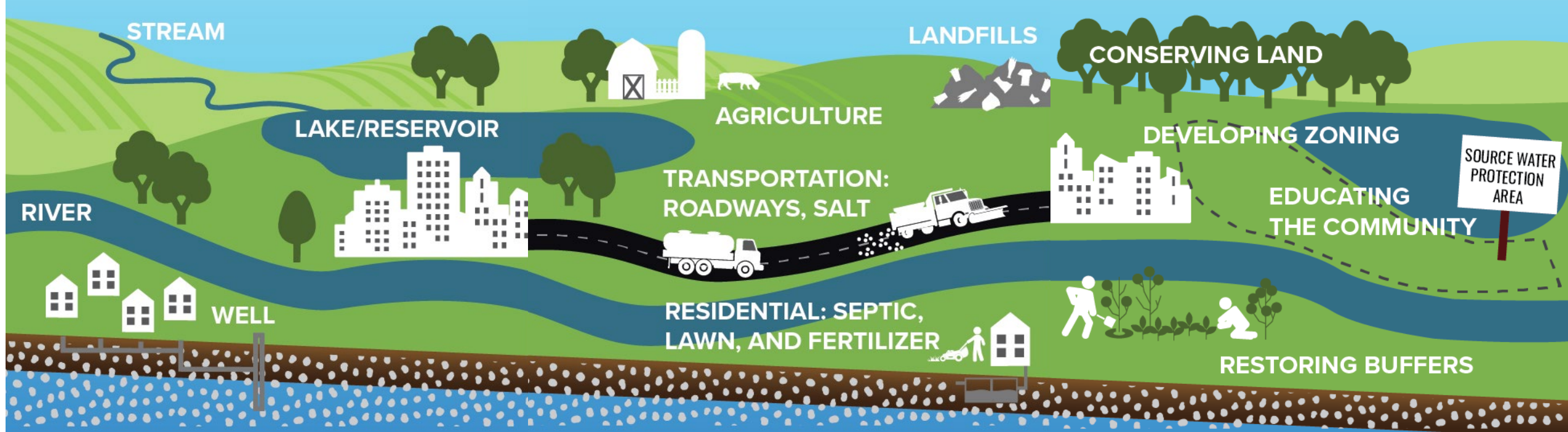
Your drinking water can come from:

WHY PROTECT SOURCE WATER?

Potential contaminants can come from:

SOURCE WATER PROTECTION ACTIONS

Communities can take action by:



What is DWSP2?

64

Participating Municipalities



1,996,438

Water Consumers Served



72

Source Waters Assessed



Photo: Grant Jiang



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What to Expect from DWSP2

- ☐ Free technical assistance
- ☐ Flexible schedule
- ☐ Mapping of the drinking source water and surrounding area
- ☐ Complete inventory of potential contaminant sources
- ☐ Thorough list of source water protection actions
- ☐ Guidance on funding sources and strategies



Photo: Grant Jiang



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ROLE OF DWSP2 TECHNICAL ASSISTANCE PROVIDERS

COORDINATE
STAKEHOLDER
GROUP



GUIDE PLAN
DEVELOPMENT



INTERPRET
DATA



DEVELOP
MAPS



IDENTIFY
STRATEGIES



PROVIDE GUIDANCE
ON FUNDING



SUPPORT PLAN
IMPLEMENTATION



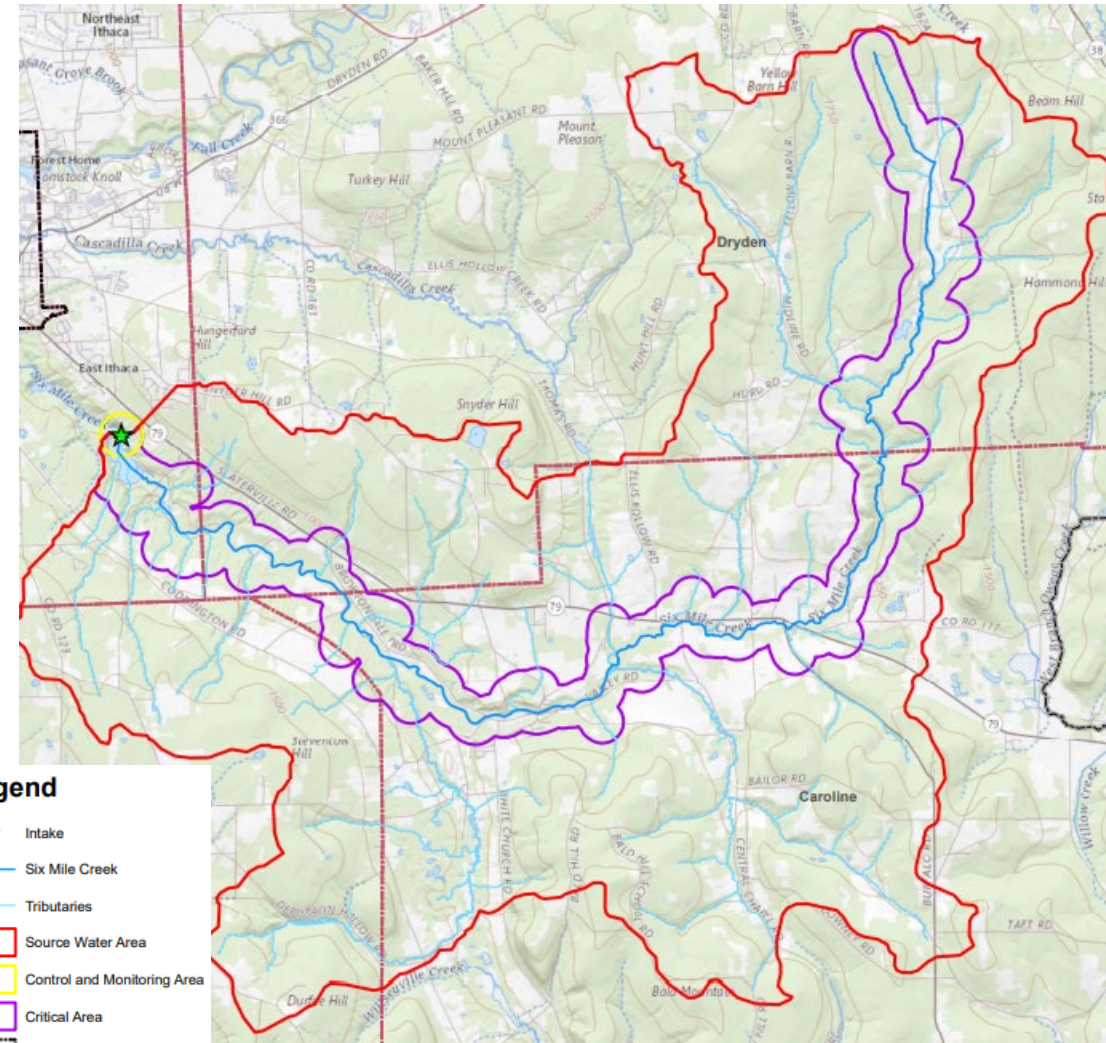
What to expect from the DWSP2 process

- A. Plan Preparation
- B. Plan Development
- C. Implementation
- D. Progression



What to expect from: Plan Development

- A. Prepare maps
- B. Form stakeholder group
- C. Formulate the vision and goals
- D. Inventory potential contaminant sources
- E. Complete maps
- F. Identify protection and management methods
- G. Develop implementation timeline
- H. Finalize plan



Legend

- ★ Intake
- Six Mile Creek
- Tributaries
- Source Water Area
- Control and Monitoring Area
- Critical Area
- City of Ithaca
- Counties
- Towns



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What to expect from: Plan Development

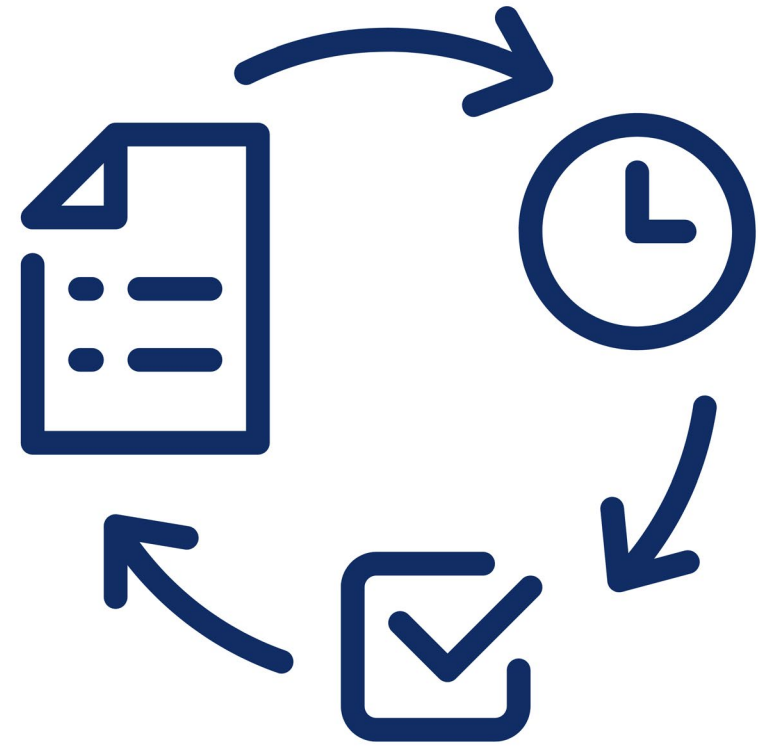
B. Form stakeholder group



Identify parties that could:

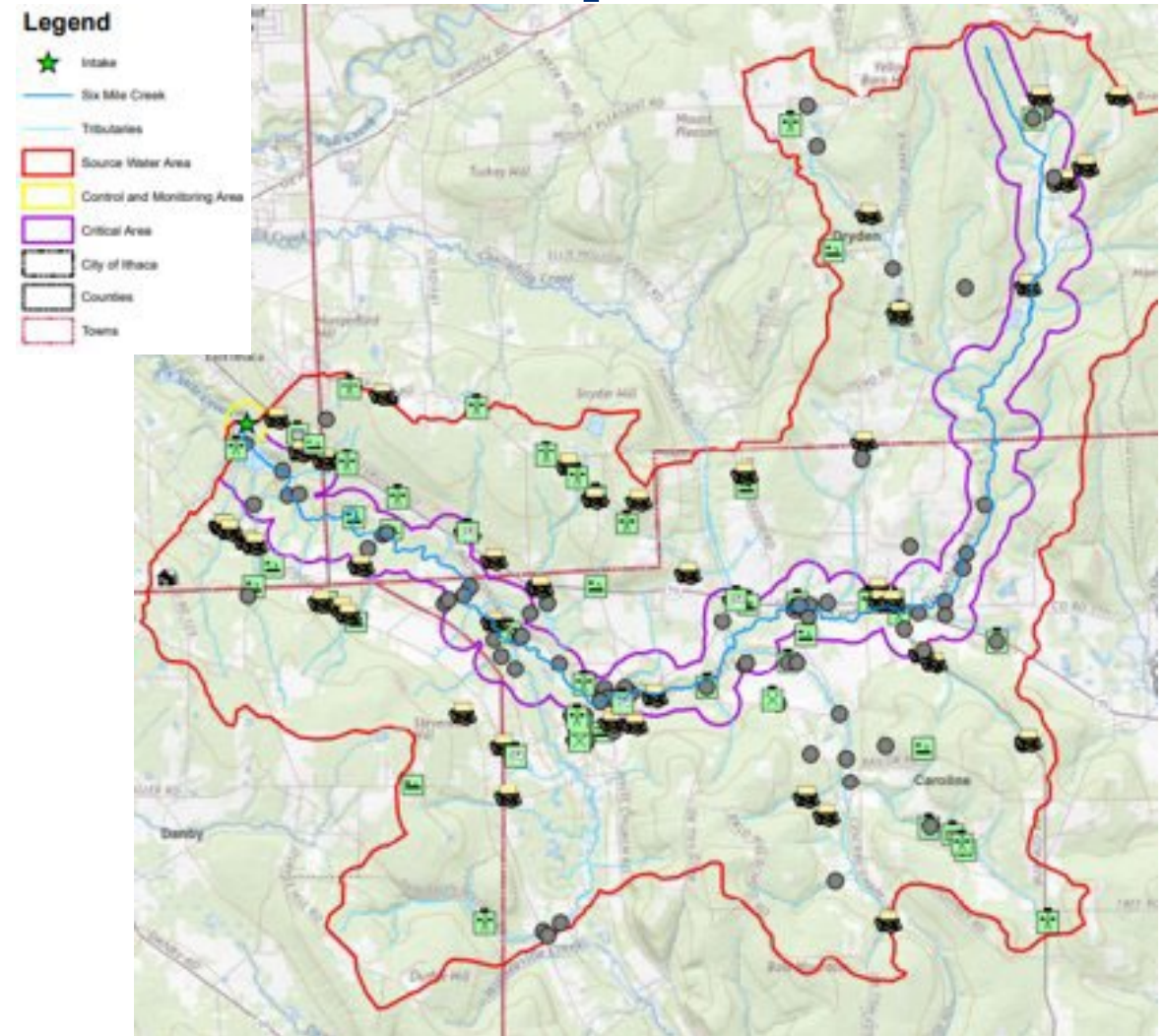
1. Provide relevant expertise in planning
2. Be involved in implementing protection actions

C. Formulate the vision and goals



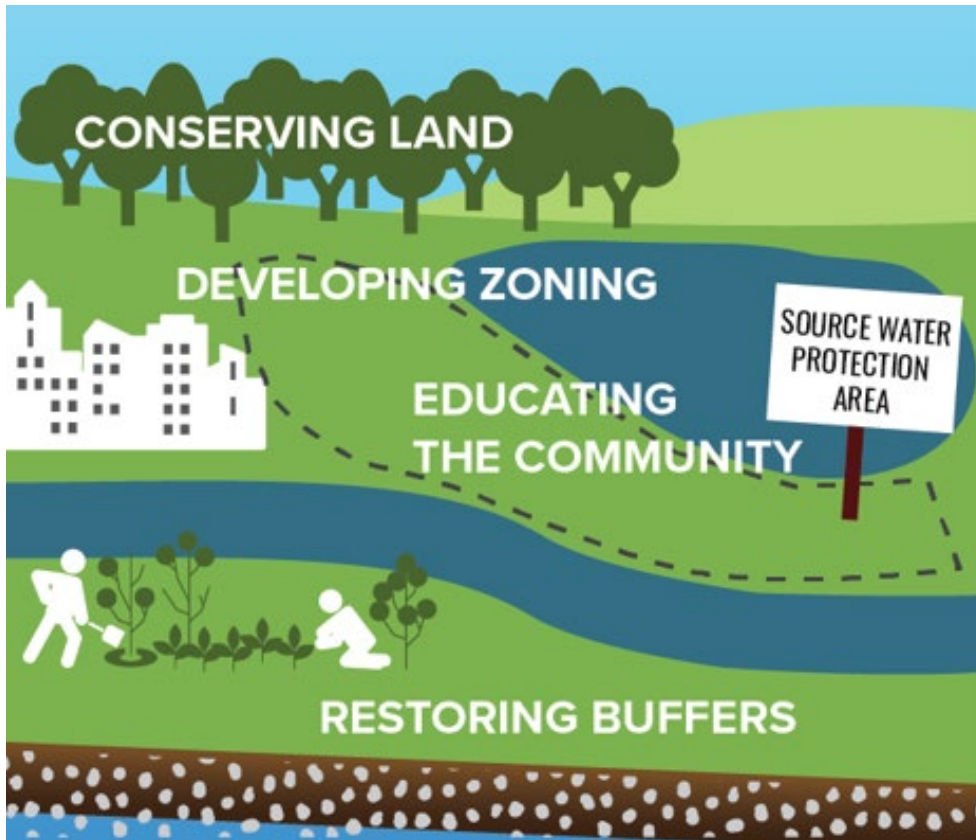
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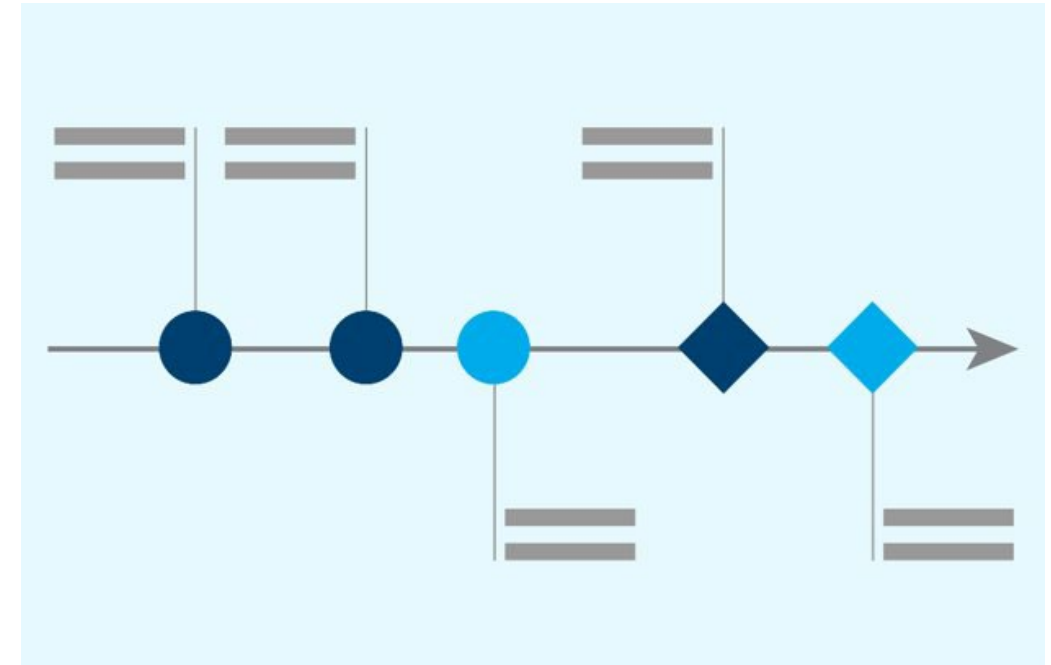


What to expect from: Plan Development

F. Identify protection and management methods



G. Develop implementation timeline



What to expect from: Plan Development

- A. Prepare maps
- B. Form stakeholder group
- C. Formulate the vision and goals
- D. Inventory potential contaminant sources
- E. Complete maps
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What to expect from: Implementation

A. Implementing DWSP2 Plan



Photo: Lindsey Drew

Public Education and Outreach



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What to expect from: Implementation

Project Profile: Potential Contaminants Entering the Critical Area from Agricultural Activities

Targeted Potential Contaminant Source: Agricultural Activities

Summary of Protection Methods and Funding:

- **Vegetative buffers, tree planting**
 - NYS DEC Water Quality Improvement Program; Trees for Tribes
- **Increasing cover crops**
 - NYS AGM Agricultural Nonpoint Source Abatement and Control Grant Program
- **Acquiring easements**
 - USDA NRCS Conservation Reserve Enhancement Program
 - NYS AGM/NYS Soil and Water Conservation Committee Source Water Buffer Program
 - NYS DEC Water Quality Improvement Program



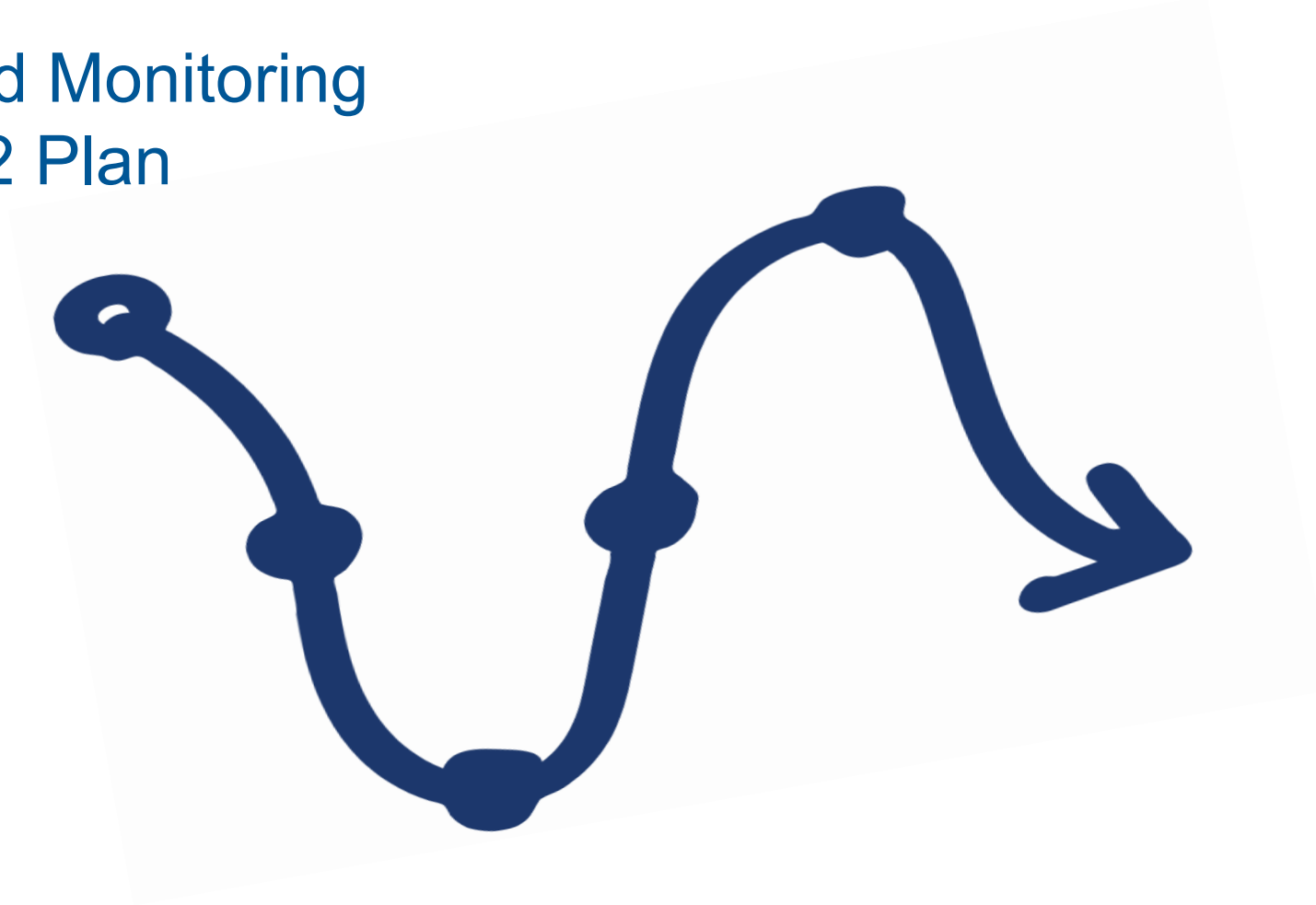
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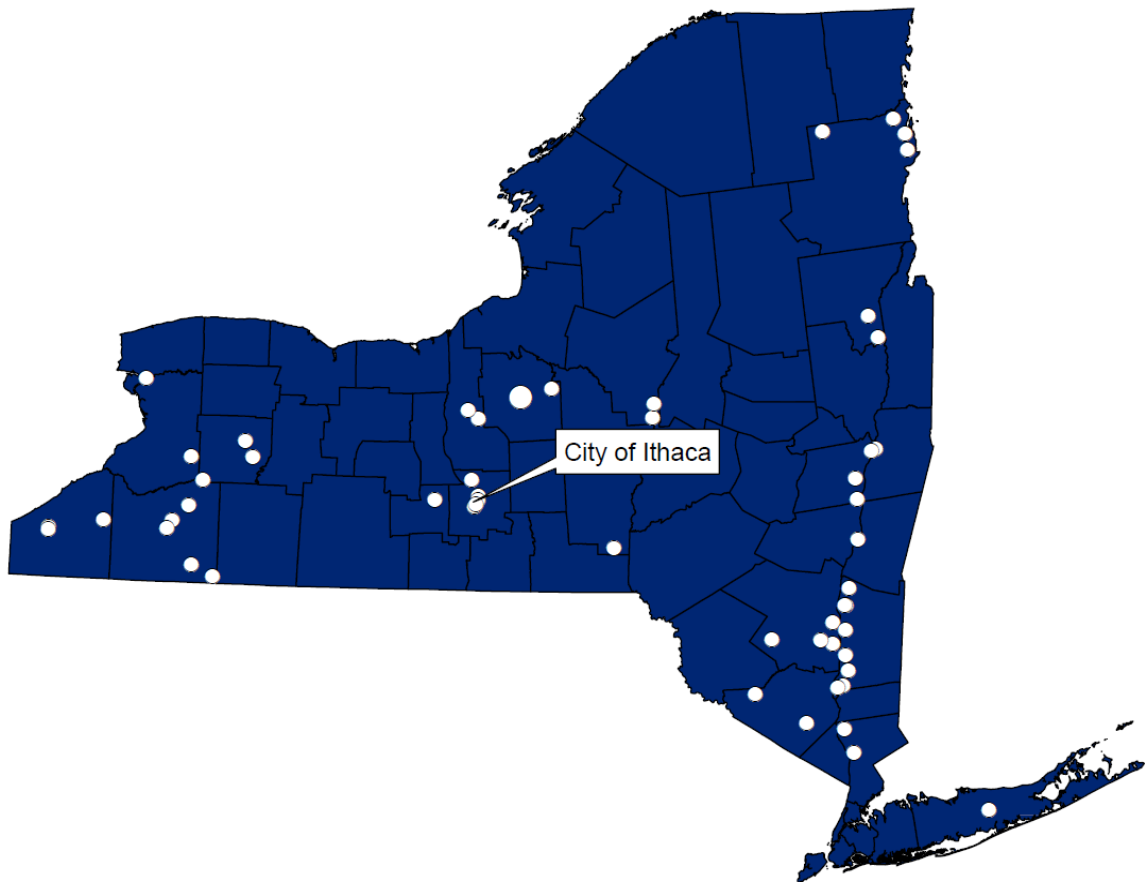
What to expect from: Progression

A. Updating and Monitoring your DWSP2 Plan



City of Ithaca

Completed DWSP2 Plan in 2022



DWSP2 provided Ithaca:

- A formally-adopted plan that can inform city planning and municipal projects
- Access to necessary grant funding

Together, we can protect your drinking water.

With DWSP2 you can:



Promote Public Health and Resiliency



Increase Community Confidence in Drinking Water



Enhance Environmental Protection and Recreation



Avoid Preventable Drinking Water Treatment Costs



Strengthen Community Partnerships

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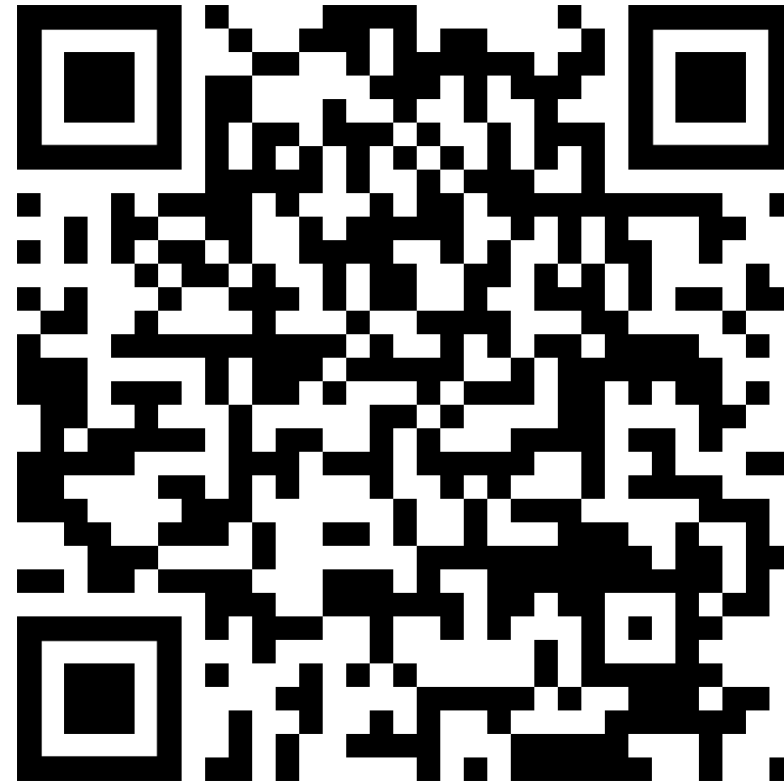


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DWSP2 Interest Form QR Code



DWSP2 Webpage QR Code



For any questions, reach out to: source.water@dec.ny.gov



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Thank you

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