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Environmental
Conservation

Drinking Water Source Protection Program (DWSP2)

Next-generation Focus on Protection

Stephanie Facchine
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Next Generation Focus: Going from Assessment → Protection





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COLLABORATION
+ COOPERATION
BENEFITS FOR
EVERYONE

awwa.org



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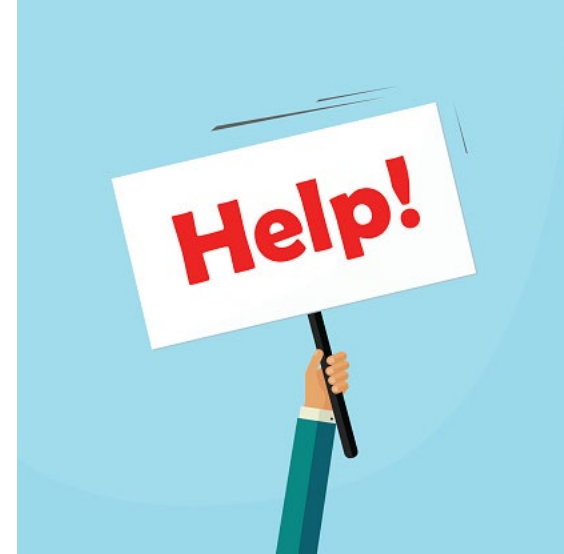
Benefits to My Community

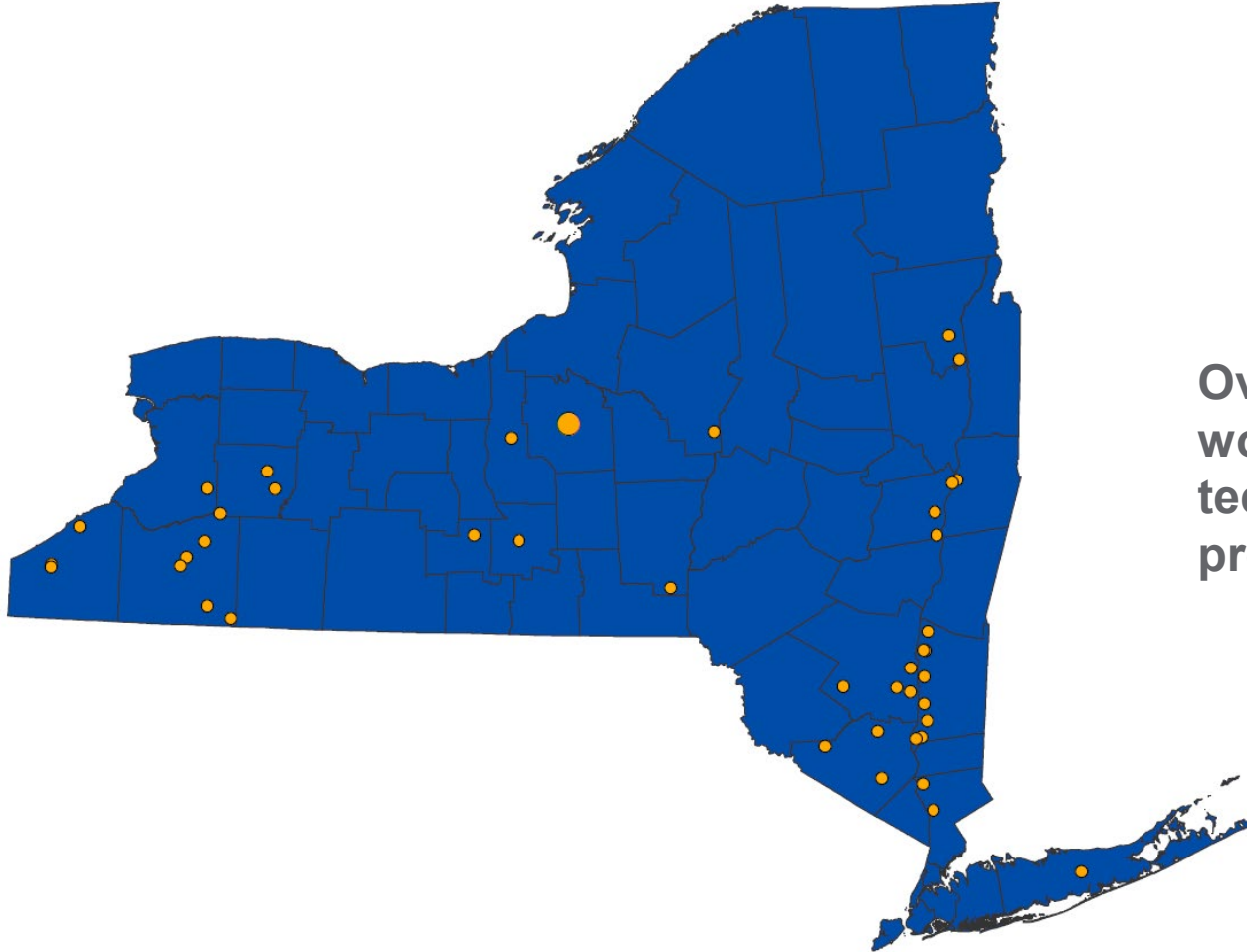
- Protect public health
- Avoid preventable drinking water treatment costs
- Increase community confidence
- Create long-lasting partnerships
- Utilize a broad array of existing funding sources
- Save time in the long run



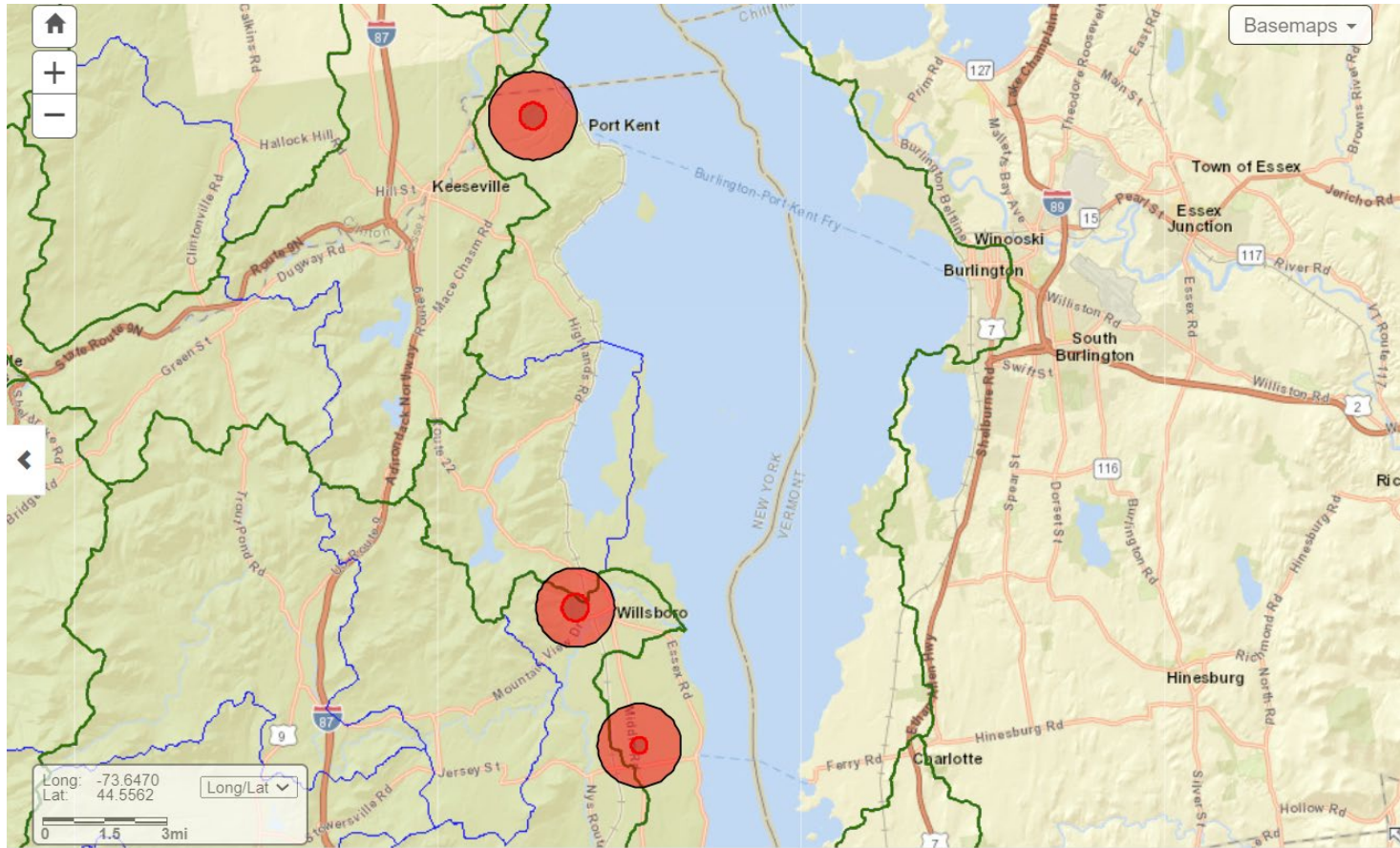
We can help

- Free technical assistance
- Flexible schedule
- Updated or new DWSP2 map
- Complete inventory of potential contaminant sources and land use
- Thorough list of implementation actions
- Complements and supports other programs
- May improve likelihood of receiving state funding





**Over 35 communities
working with a DWSP2
technical assistance
provider**



Framework's Key Components

1. Stakeholder Group

- 1.1 Form a Stakeholder Group
- 1.2 Establish Goals and Formulate a Vision

2. Drinking Water Source Assessment

- 2.1 Develop an Overview of the Water System
- 2.2 Prepare a Drinking Water Source Protection Map
- 2.3 Create a Potential Contaminant Source Inventory

3. Protection and Implementation Strategies

- 3.1 Identify Protection and Management Methods
- 3.2 Develop an Implementation Timeline

4. Progression and Maintenance

- 4.1 Designate a Plan Management Team



1.1 Stakeholder Group

- Guide development and implementation
- Bring diverse stakeholders together



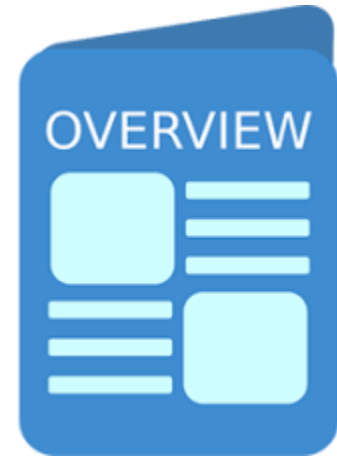
1.2 Establish Goals and Formulate a Vision

- Align priorities and resources
- A “Call to Action” from the community



2.1 Develop an Overview of the Water System

- A general water system overview
 - Water quality summary
 - Water quantity summary
- Used to select appropriate methods to delineate drinking water source protection areas



2.2 Prepare the Drinking Water Source Protection Map

- Map the drinking water source
- Delineate drinking water source protection areas
- Populate map with potential contaminant sources
- Add local land use and land cover data



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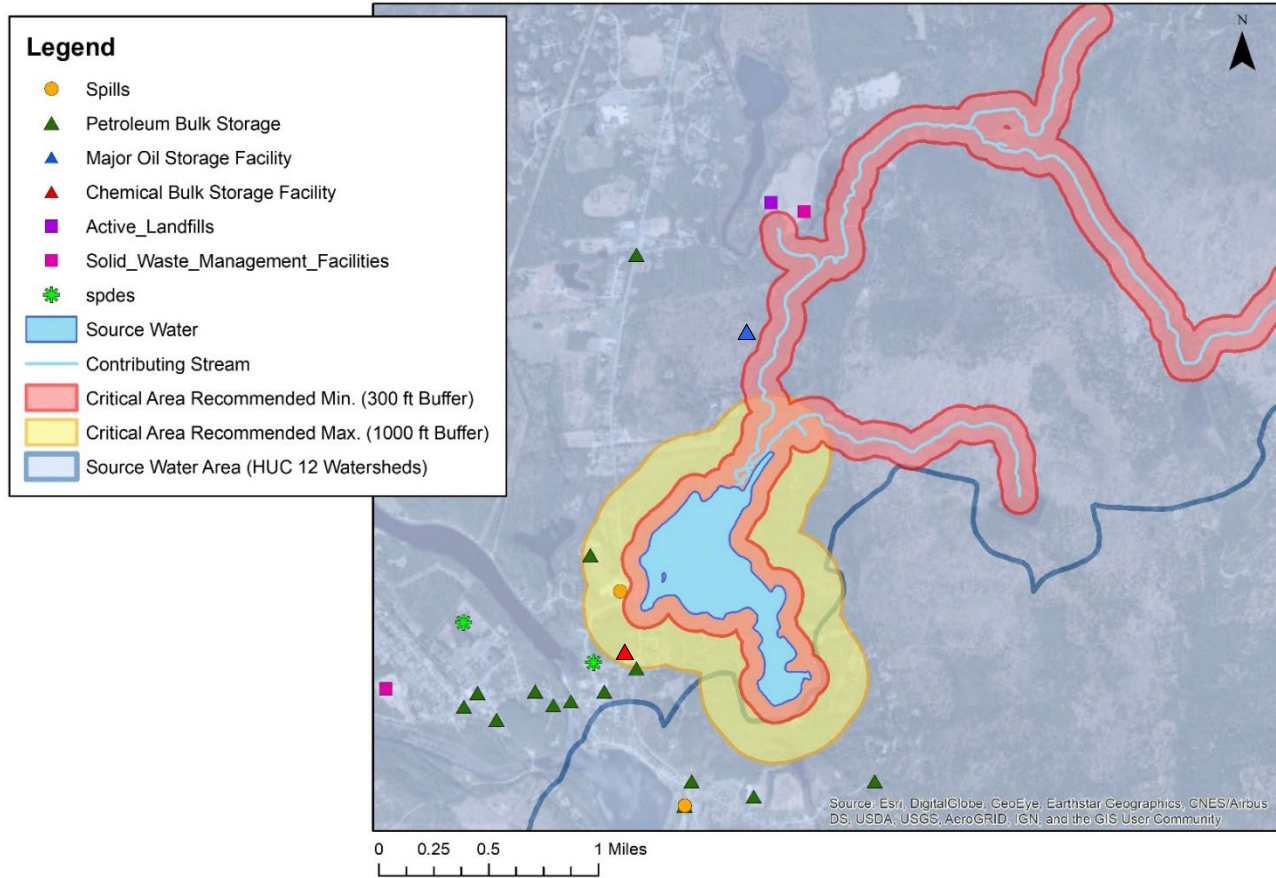


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2.3 Create a Potential Contaminant Source (PCS) Inventory

- Bulk Storage
- Waste Management and Disposal
- Contamination Sites or Incidents
- Mineral Extraction Sites
- Transportation
- Agriculture
- Residential Sources
- Conveyances and Pipelines
- Other





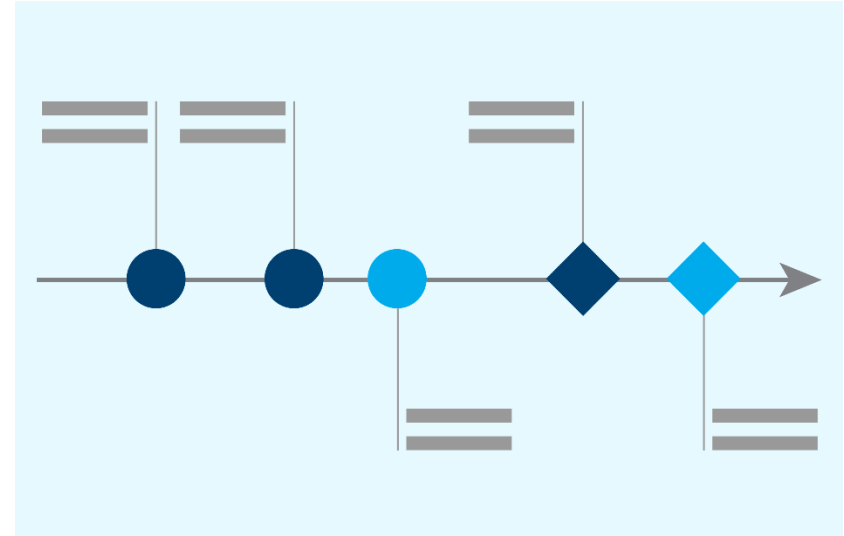
3.1 Identify Protection Methods

1. Land Use Tools and Methods
 - a. Regulatory
 - b. Non-regulatory
2. Monitoring and Reporting
3. Outreach and Education



3.2 Develop an Implementation Timeline

1. Priority Issue
2. Goals
3. Protection/Management Methods
4. Costs and Potential Funding Mechanisms
5. Project Leaders/Partnerships Needed
6. Implementation Timing/Schedule
7. Steps



4.1 Designate a Plan Management Team

- The community should designate a Plan Management Team
- The Plan Management team should:
 - Share progress reports
 - Review and share the plan
 - Create a revision schedule



Where to go for more information

- Learn more about DWSP2, visit: <https://www.dec.ny.gov/chemical/115250.html>
- Learn more about WQIP, visit <https://www.dec.ny.gov/pubs/4774.html>
- Sign-up for the DWSP2 Newsletter: https://public.govdelivery.com/accounts/NYSDEC/subscribe/new?topic_id=NYSDEC_154
- Join MakingWaves: <https://www.dec.ny.gov/public/51547.html>



*DWSP2 Newsletter QR
Code*



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Thank you

Stephanie Facchine, Source Water Assessment & Protection Program
NYS DOH, Stephanie.Facchine@health.ny.gov

Haley Gallo, Source Water Assessment & Protection Program
NYS DOH, Haley.Gallo@health.ny.gov



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