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of Health



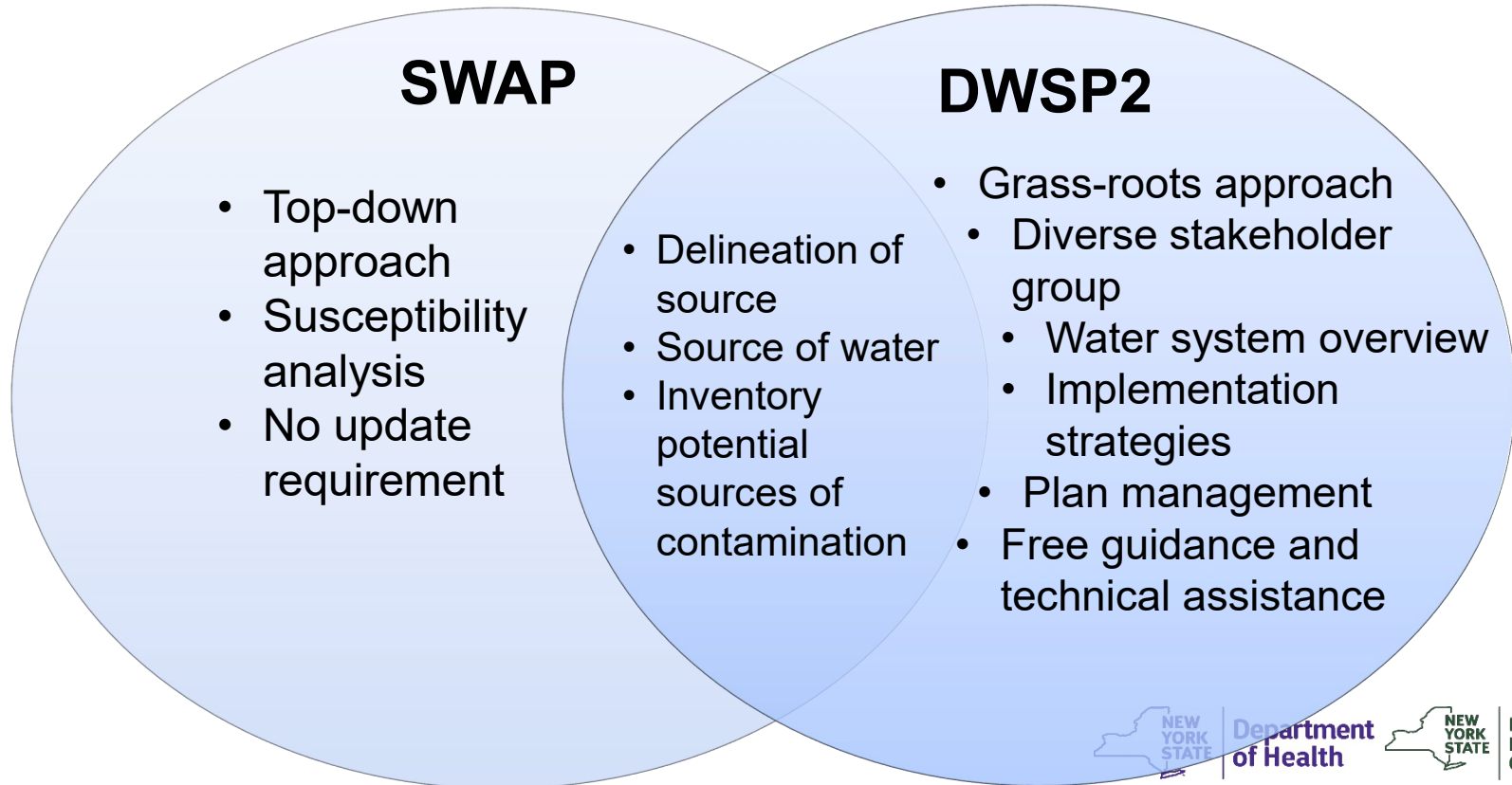
Department of
Environmental
Conservation

Drinking Water Source Protection Program (DWSP2)

Next-generation Focus on Protection

**Noreen Gallagher
Lindsey Drew
6/8/2022**

What exactly is Source Water?



Next Generation Focus: Going from Assessment → Protection





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**Department
of State**



COLLABORATION
+ COOPERATION
BENEFITS FOR
EVERYONE

awwa.org



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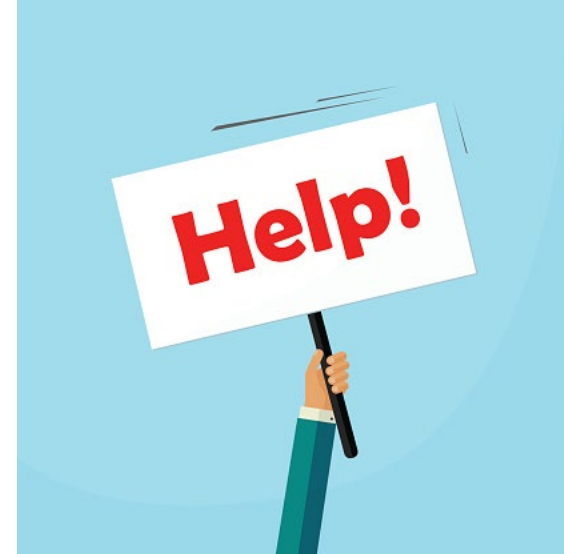
Benefits to My Community

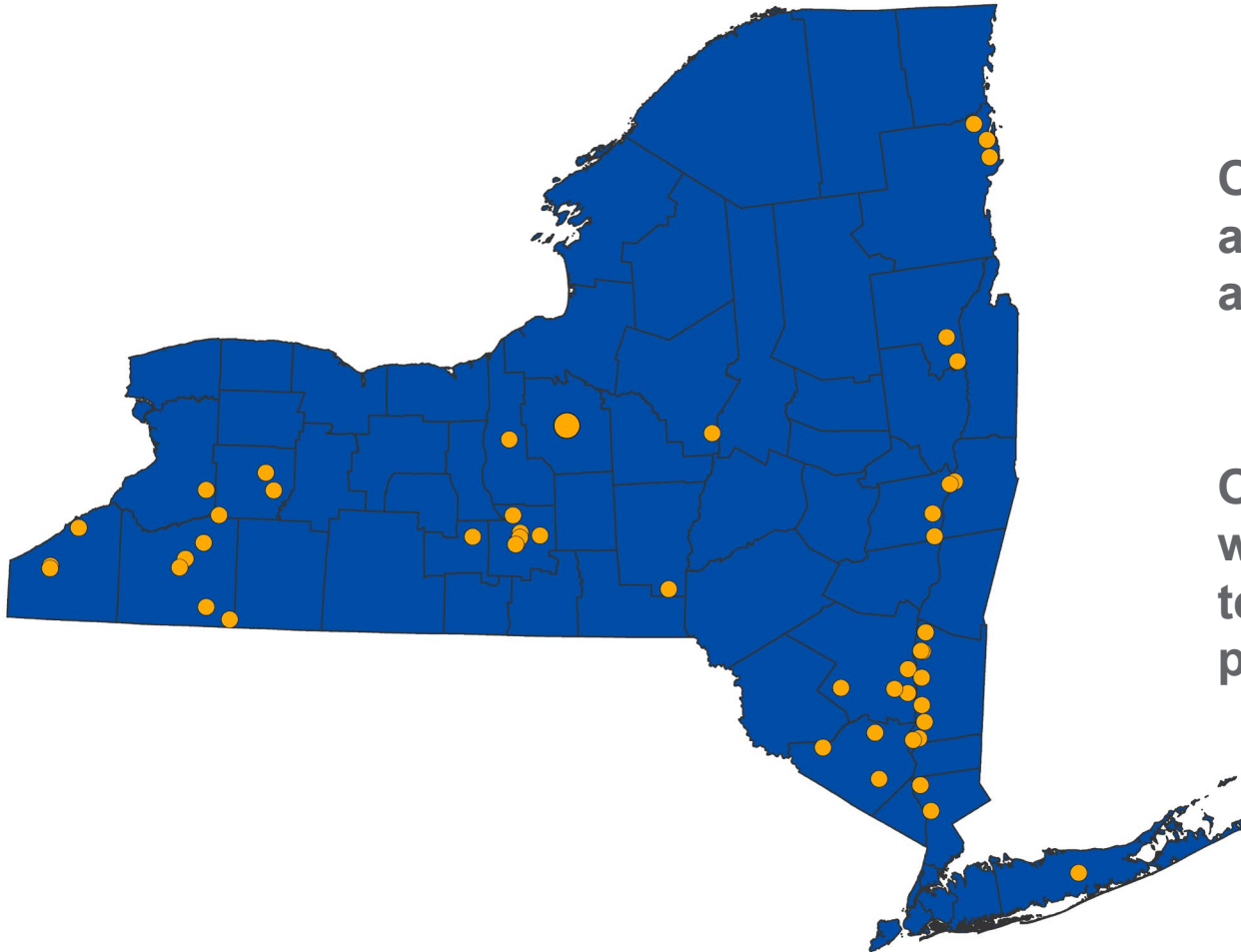
- Protect public health
- Avoid preventable drinking water treatment costs
- Increase community confidence
- Create long-lasting partnerships
- Utilize a broad array of existing funding sources
- Save time in the long run



We can help

- Free technical assistance
- Flexible schedule
- Little work for the community
- 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 20 technical
assistance providers
available free of charge!**

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

Technical Assistance Support

- Presentation
- Fact Sheet
- Roles and Responsibilities
- Potential Benefits

Reach out to:

NYS: source.water@dec.ny.gov



Apply Now!

- Complete our online application found on the DEC DWSP2 Website.
- For any questions, reach out to: source.water@dec.ny.gov



DWSP2 Application QR Code

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



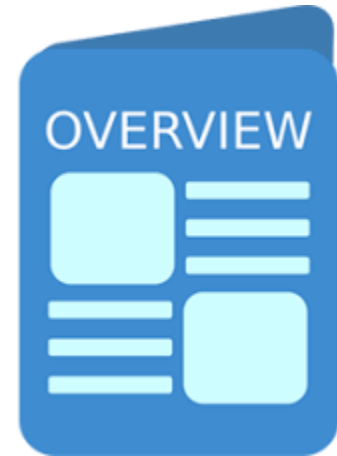
1.2 Establish Goals and Formulate a Vision

- 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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2.3 Create a Potential Contaminant Source (PCS) Inventory

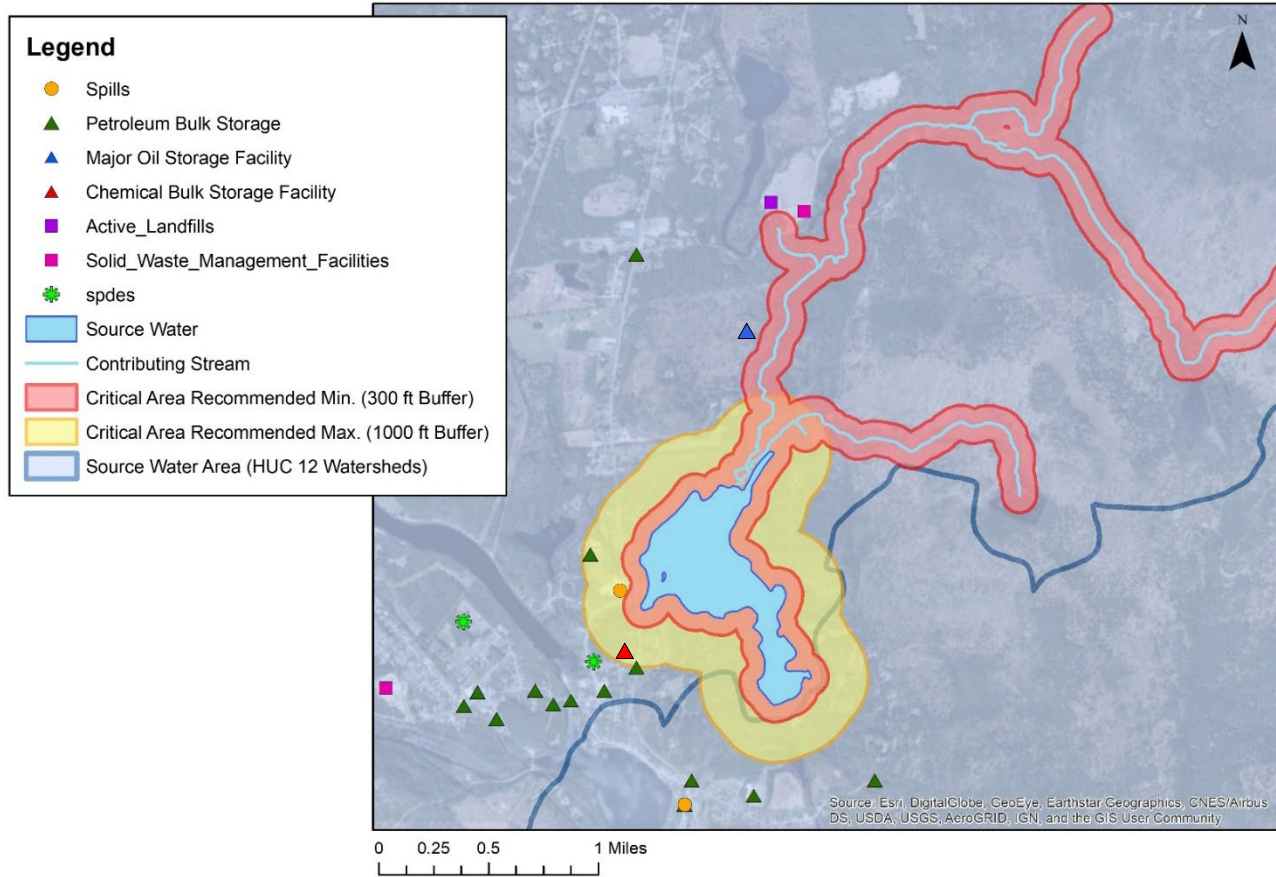
- Bulk Storage
- Waste Management and Disposal
- Contamination Sites or Incidents
- Mineral Extraction Sites
- Transportation
- Agriculture
- Residential Sources
- Conveyances and Pipelines
- Other



What potential concerns are you facing?

- Municipal boundaries?
- Development?
- What else?





3.1 Identify Protection Methods

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



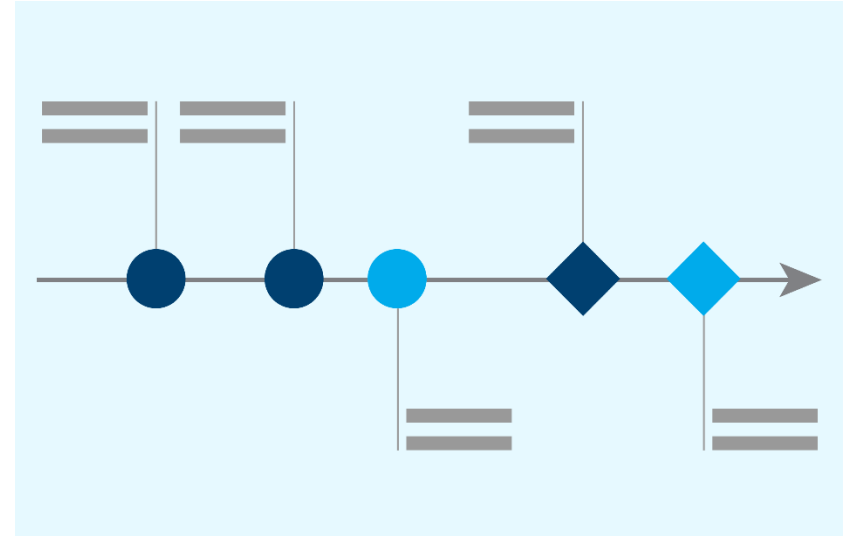
3.1 Identify Management Methods

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



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



Funding and Incentives!

- Over 20 funding sources
- DWSP2 Newsletter highlights funding
- Grant incentives

1. NYS DEC Water Quality Improvement Project (WQIP) Program - Land Acquisition for Source Water Protection

The WQIP Program - Land Acquisition for Source Water Protection funds projects or programs aimed at protecting sources of public drinking water through land acquisition. Land Acquisition for Source Water Protection applicants must either identify parcels of land to acquire or commit to acquiring parcels of land for water quality improvement purposes.

Cost Share (Yes/No)?

Yes. Check the Request for Applicants for percent or dollar amount match required.

Eligible Applicants

Municipalities, Not-for-Profit Corporations and Soil and Water Conservation Districts

Resource / Link for More Information

www.dec.ny.gov/pubs/4774.html (NYS DEC, Division of Water, Search On: "Water Quality Improvement Project (WQIP) Program").



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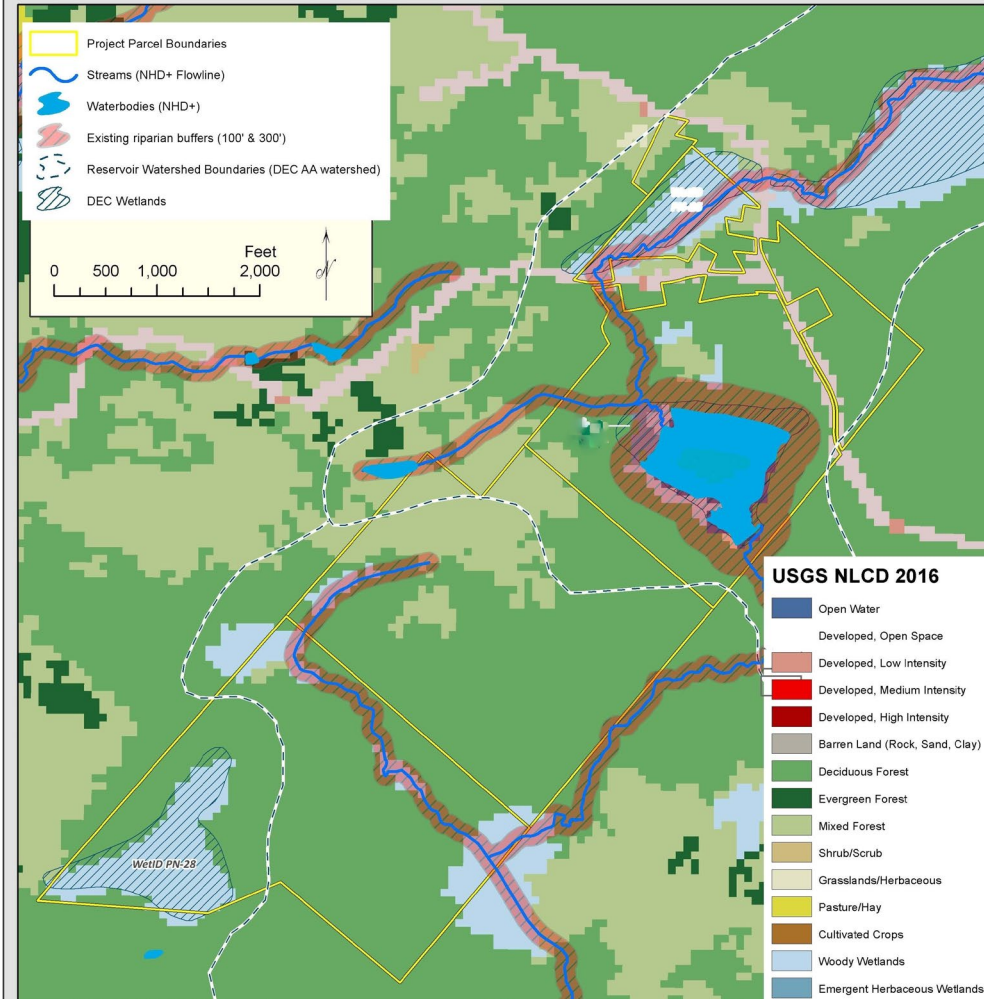
WQIP Land Acquisition Projects for Source Water Protection

- Using the identified source water protection areas from their completed DWSP2 plan, a municipality can apply for funding to acquire lands within those areas.
- Maximum Award: \$5,000,000
- Local Match: 25%



WQIP Success Story

- City of Port Jervis
- Received over \$1.8 M
- Acquire 5 or more parcels
- Acquire over 1000 acres



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



DWSP2 Tools and Resources

- DWSP2 Data Summary
- DWSP2 Template
- Free Technical Assistance



Village of New Paltz

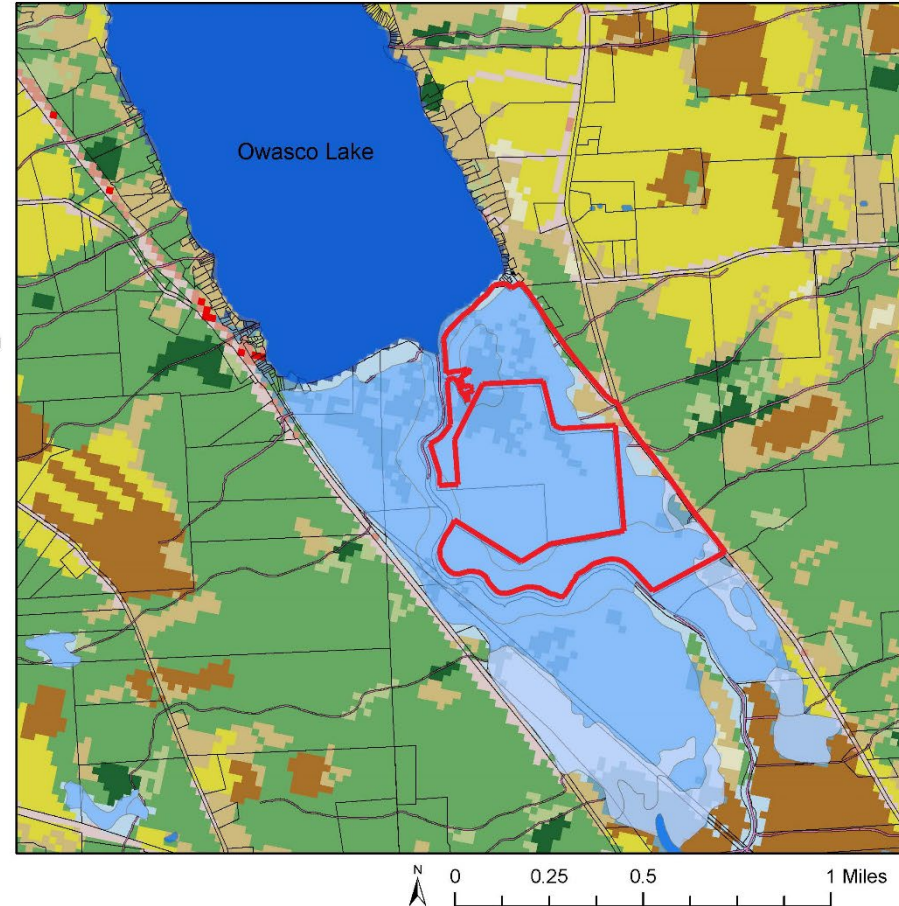
- Working with a TA Provider
- Source water crosses jurisdictional boundaries
- Supply serves multiple communities



City of Auburn

- Working with a TA provider on DWSP2
- Received a \$75,000 grant for land acquisition

Owasco Flats Land Acquisition City of Auburn July 2018



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

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Attribute	9E Plan	TMDL	DWSP2 Plan
Pollutant Source	Better for nonpoint sources	Considers point and nonpoint sources	Considers point and nonpoint sources
Waterbody Impairment	Not required	Required	Not required
Source Water Assessment	Watershed	Watershed	Critical and Source Water Protection Area
Implementation Plan	Required	Optional*	Recommended
Progression and Maintenance	As suggested by Element F of the 9-E plan	As suggested by implementation plan	Recommended at a minimum of 5 years
Public Comment Period	No (public participation is conducted throughout plan development)	Required	Not required
Agency Approval	DEC	EPA	DEC/DOH
Funding Eligibility	State and federal opportunities	State and federal opportunities	State opportunities