



Department
of Health



Department of
Environmental
Conservation

Drinking Water Source Protection Program (DWSP2)

Next-generation Focus on Protection

Michael Suatoni

Kristin Martinez

12/16/21

A portrait of a young woman with long, wavy brown hair and blue eyes, smiling warmly. She is wearing a light pink sweater and a small gold hoop earring. The background is a soft-focus outdoor setting with green foliage and a stone pillar on the right.

Alex LaMonte

Legislative/Policy

Coordinator

NYSAC

THANK YOU TO OUR SPONSOR

LaBella Associates, DPC

Greg Senecal, CHMM

Sr. VP, Director of Environmental Services

585-295-6243

www.labellapc.com

gseascal@labellapc.com



LaBella has been at the forefront of investigating and remediating PFAS across NYS, working with the NYSDEC, county, municipal, and landfill clients to evaluate and, if necessary, remediate sites with PFAS impacts. LaBella has also assisted clients with addressing PFAS in drinking water—designing and installing PFAS treatment for small scale residential point of entry treatment systems (POETs) as well as large-scale municipal drinking water treatment and distribution systems.



Kristin Martinez
Division of Water
NYS Dept. of Environmental
Conservation



Michael Suatoni
Bureau of Water Supply Protection
NYS Dept. of Health



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Next Generation Focus: Going from Assessment → Protection





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Agriculture and Markets



Department of State



COLLABORATION + COOPERATION
BENEFITS FOR EVERYONE

awwa.org



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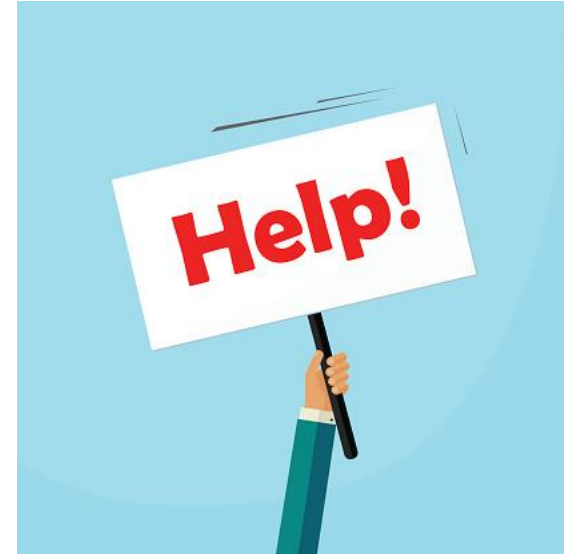
Benefits to My Community

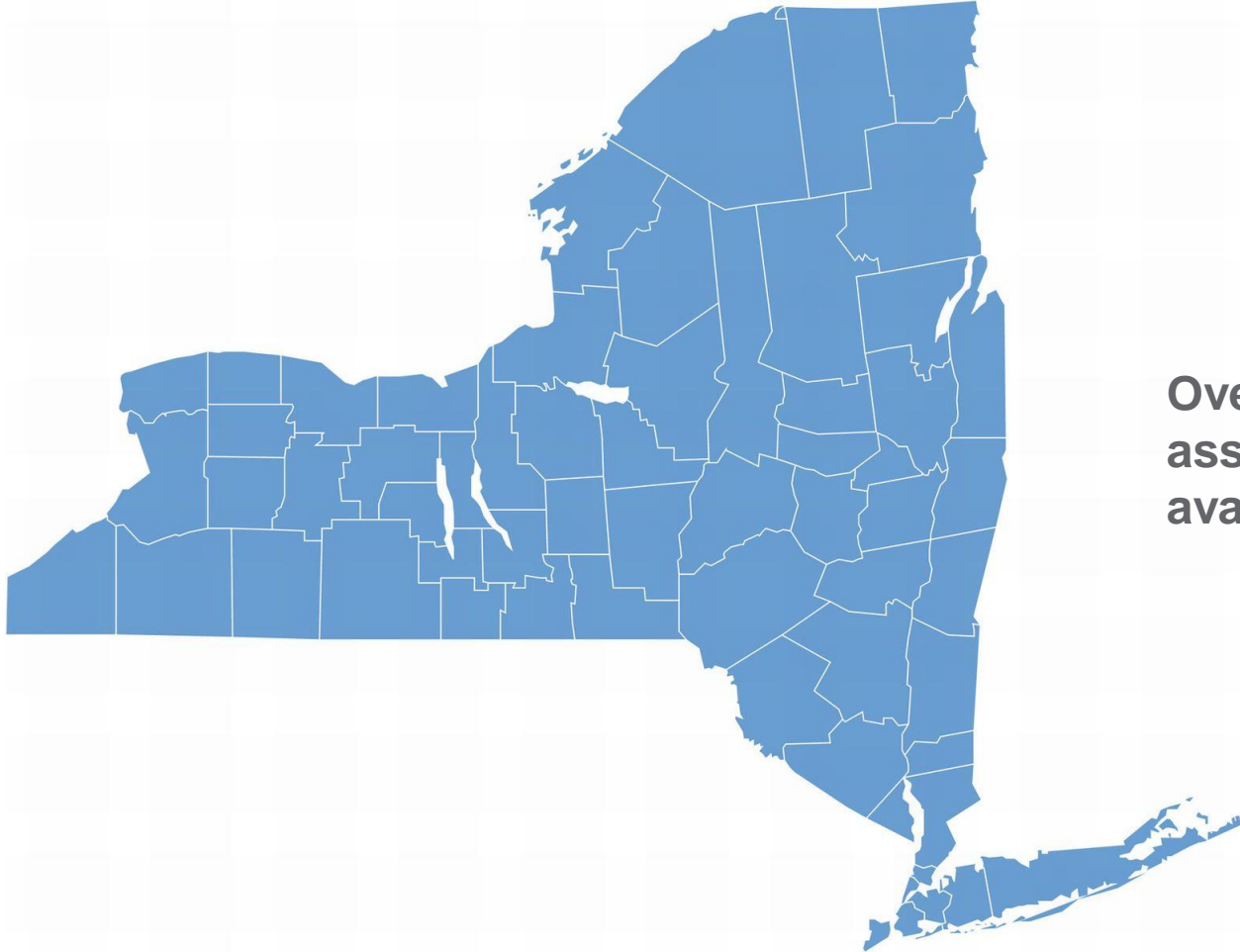
- Protect public health
- Avoid preventable drinking water treatment costs
- Increase community confidence
- Create long-lasting partnerships
- Utilize a broad array of existing funding sources
- Save time in the long run



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





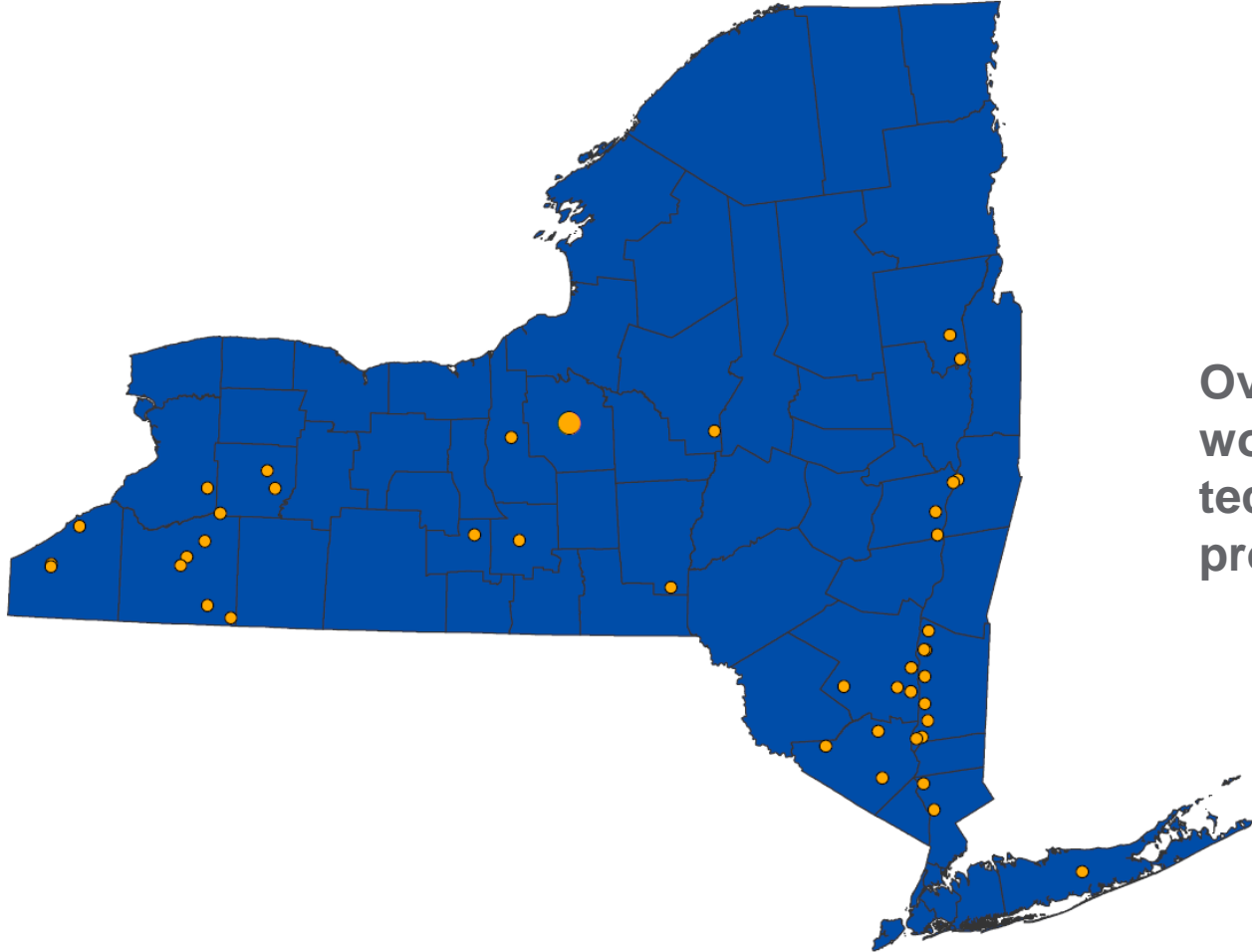
Over 20 technical assistance providers available free of charge!



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

State Support

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

Reach out to us at

source.water@dec.ny.gov



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Apply Now!

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



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

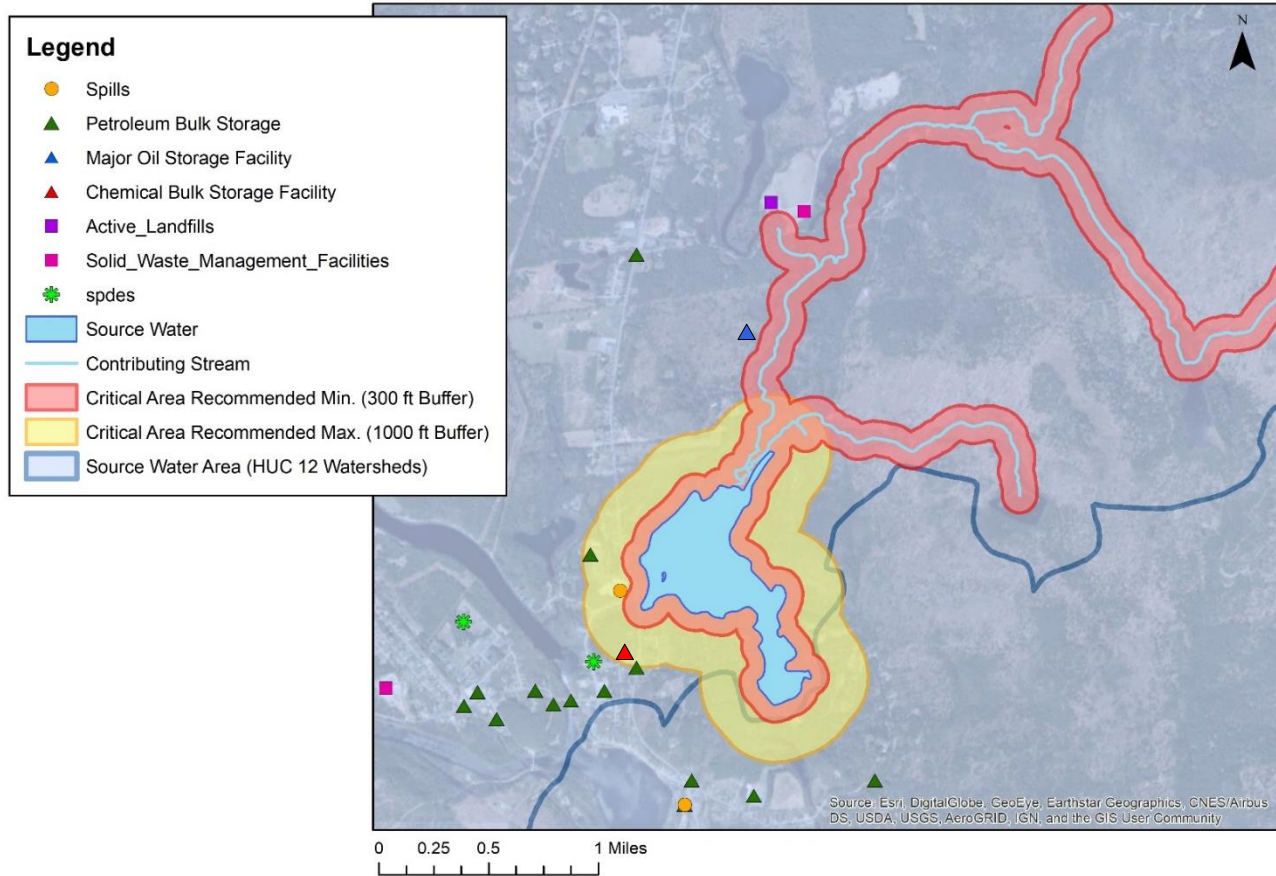
- Map the drinking water source
- Delineate drinking water source protection areas
- Populate map with potential contaminant sources
- Add local land use and land cover data



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



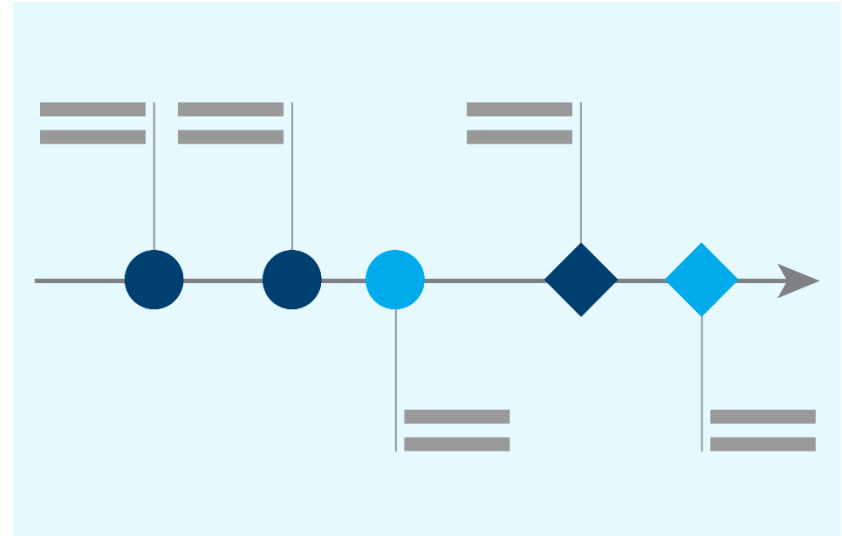
3.1 Identify Management Methods

- 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



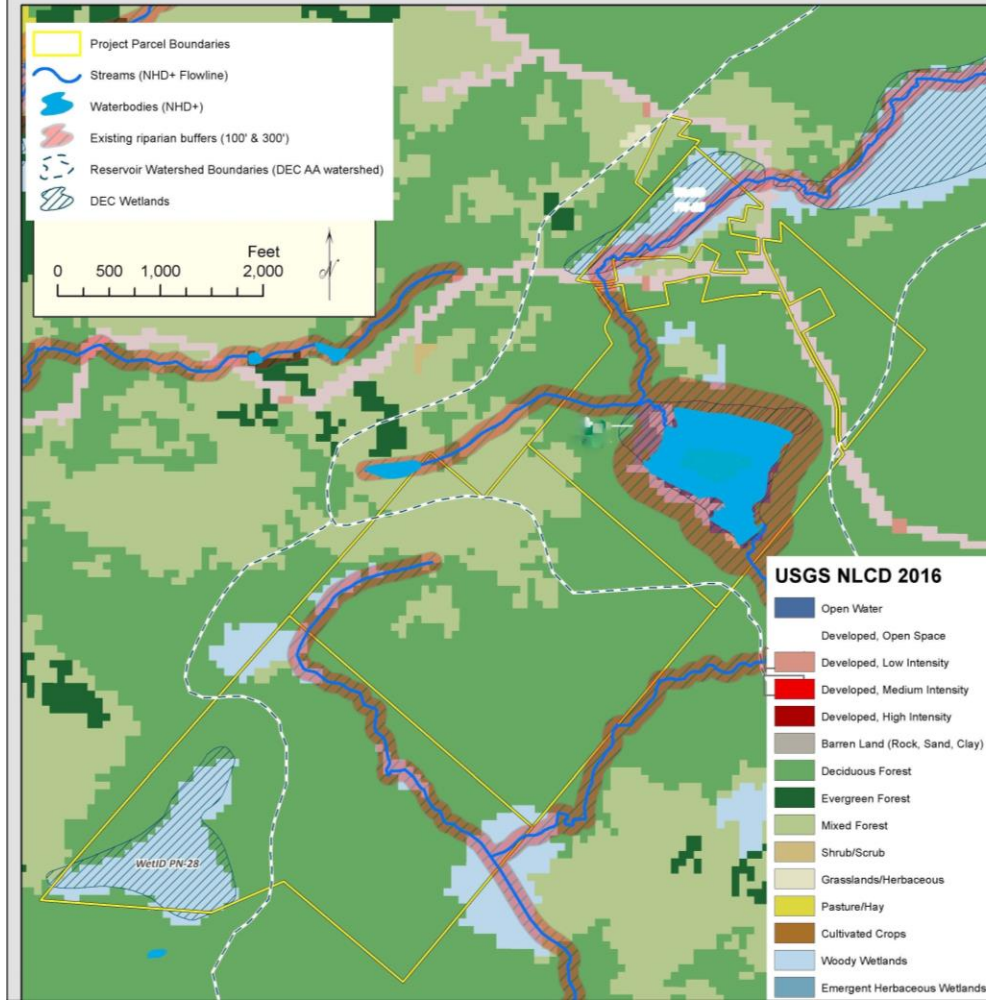
WQIP Land Acquisition Projects for Source Water Protection

- 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: \$4,000,000
- Local Match: 25%



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 Resources

Additional tools were created to aid communities as they go through the Framework and create their protection plan

- DWSP2 Data Summary
- DWSP2 Template



Village of New Paltz

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



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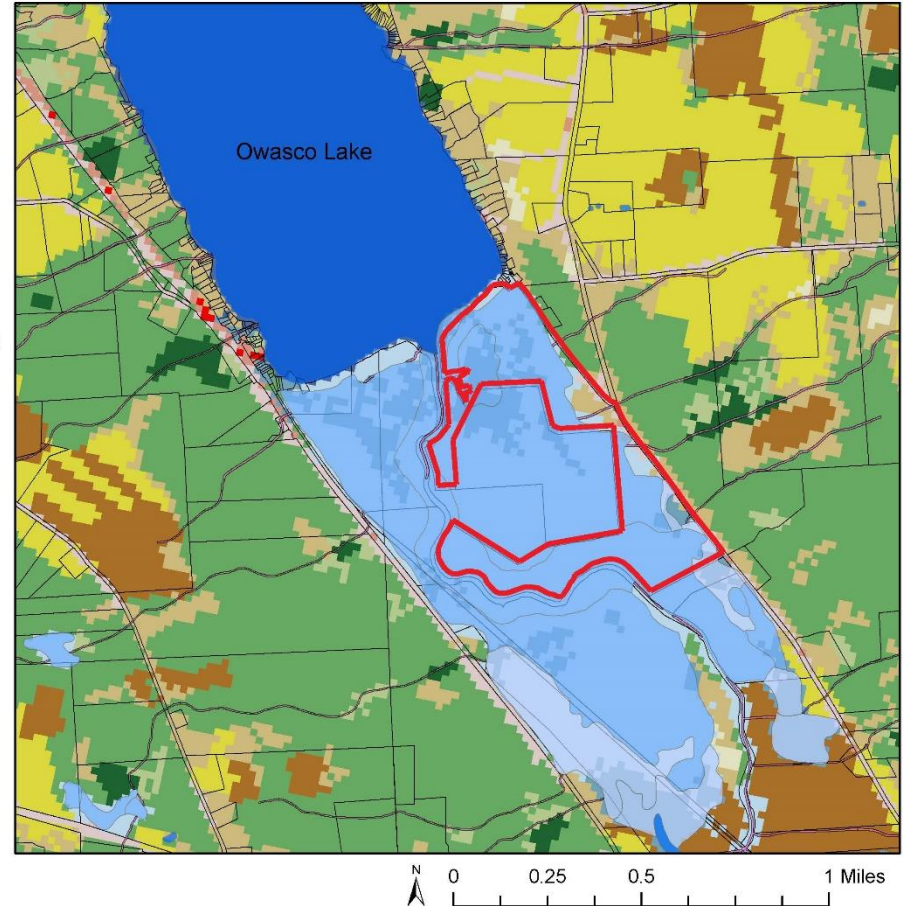


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City of Auburn

- 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/subscriber/new?topic_id=NY_SDEC_154
- Join MakingWaves: <https://www.dec.ny.gov/public/51547.html>



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Thank you

Michael Suatoni, Source Water Assessment & Protection Program
NYS DOH, Michael.Suatoni@health.ny.gov

Kristin Martinez, Division of Water
NYS DEC, Kristin.Martinez@dec.ny.gov



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