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of Health**



**Department of
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Drinking Water Source Protection Program

Next-generation Focus on Protection

Source Water Assessment & Protection



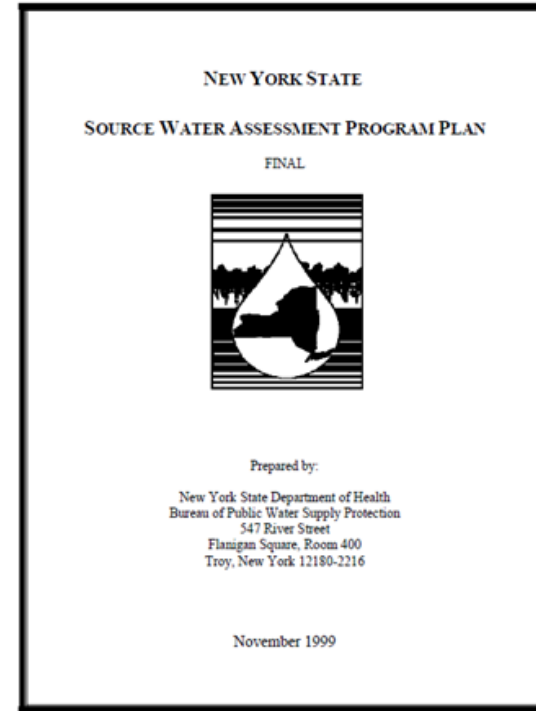
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Background: Source Water Assessment Program (SWAP)

1996 Amendments to Safe Drinking Water Act (SDWA)



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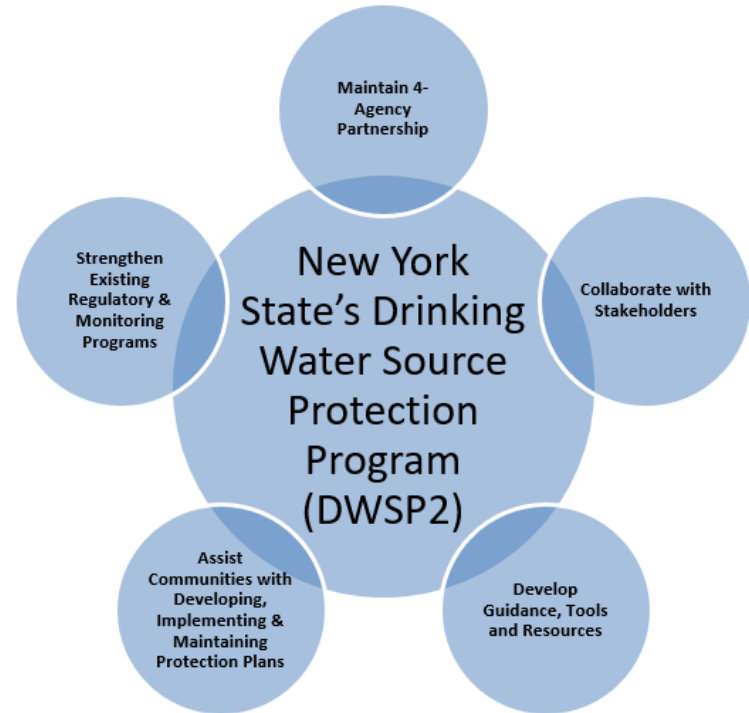
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2017 Clean Water Infrastructure Act

\$5 Billion in Overall State Water Funding and Record Funding for Environmental Protection Fund (EPF)



Source Water Collaborative



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Next Generation Focus: Assessment → Protection



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State-wide Drinking Water Source Protection Program

Community-Specific Source Water Protection Framework
5-Pronged Approach to Assist Communities

State-hired
Consultant

Regional
NEIWPCC Staff



New York Rural
Water Association



Regional Planning
Boards through
DEC's 604(b)
Program



Municipalities can
develop plans
independently

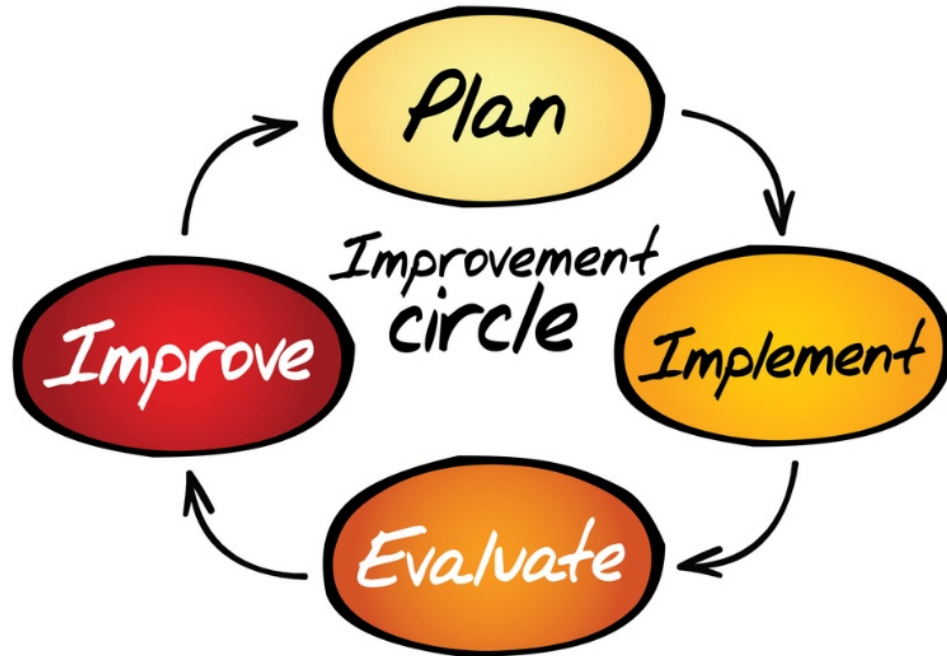


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Make Protection Endure



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Community-Specific Protection Plan Framework

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 Methods
- 3.2 Develop an Implementation Timeline

4. Progression and Maintenance

- 4.1 Designate a Plan Management Team



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1.1 Form a Stakeholder Group

- Stakeholder Group will guide the Development and Implementation
- Stakeholder Group may be created from an existing board/commission or an entirely new group



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1.2 Establish Goals and Formulate a Vision

- Should aim to guide development and implementation
- The Vision should:
 1. Recognize that drinking water source protection is part of a multi-barrier approach.
 2. Include input from stakeholder group members.
 3. Declare intent to commit sufficient resources to drinking water source protection.
- A “Call to Action” from the community



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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 drink water source protection areas



2.2 Prepare the Drinking Water Source Protection Map

- Map the drinking water source
- Framework provides recommended protection areas and information on a variety of tools (simple to sophisticated) to delineate protection areas
- Populate map with potential contaminant sources
- Add the National Land Cover Dataset (NLCD)



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2.3 Create a Potential Contaminant Source (PCS) Inventory

- Using the updated map, identify all PCS within the established protection areas
- Identify point and nonpoint sources
- Create inventory table of PCS with relevant information



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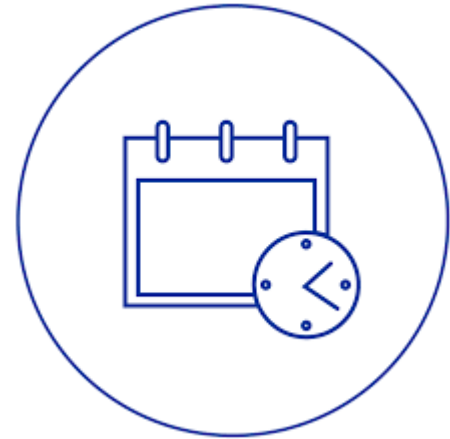
3.1 Identify Protection Methods

- Use the framework to find specific protection methods for your PCS
- Methods can be used to manage existing and future PCS



3.2 Develop an Implementation Timeline

- Items to consider:
 - Priority Issue
 - Protection Method
 - Targeted Potential Contaminant Source(s)
 - Potential Funding Sources
 - Costs
 - Implementation Timing/Schedule



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



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Framework's Key Components

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Next Steps

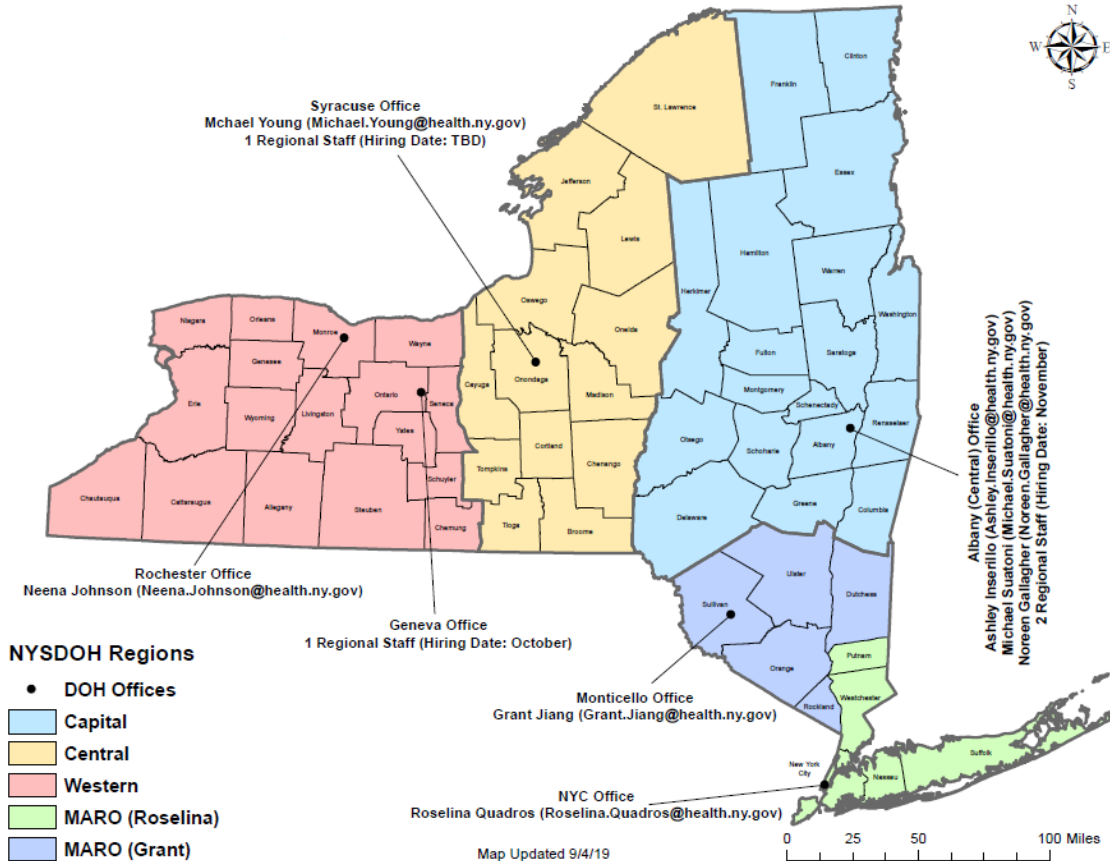


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NYSDOH NEIWPC Staff



Update:

7 out of 11 staff hired

- 1 Program Manager
- 2 Program Assistants
- 2 MARO staff
- 1 Central staff
- 1 Western staff

Later this fall: 1 more Western, 1 more Central staff and 2 Capital staff



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Regional Planning Assistance

- Funding to assist municipalities with developing and implementing their source water protection program
- Awards made recently and working with Boards to develop their workplans.

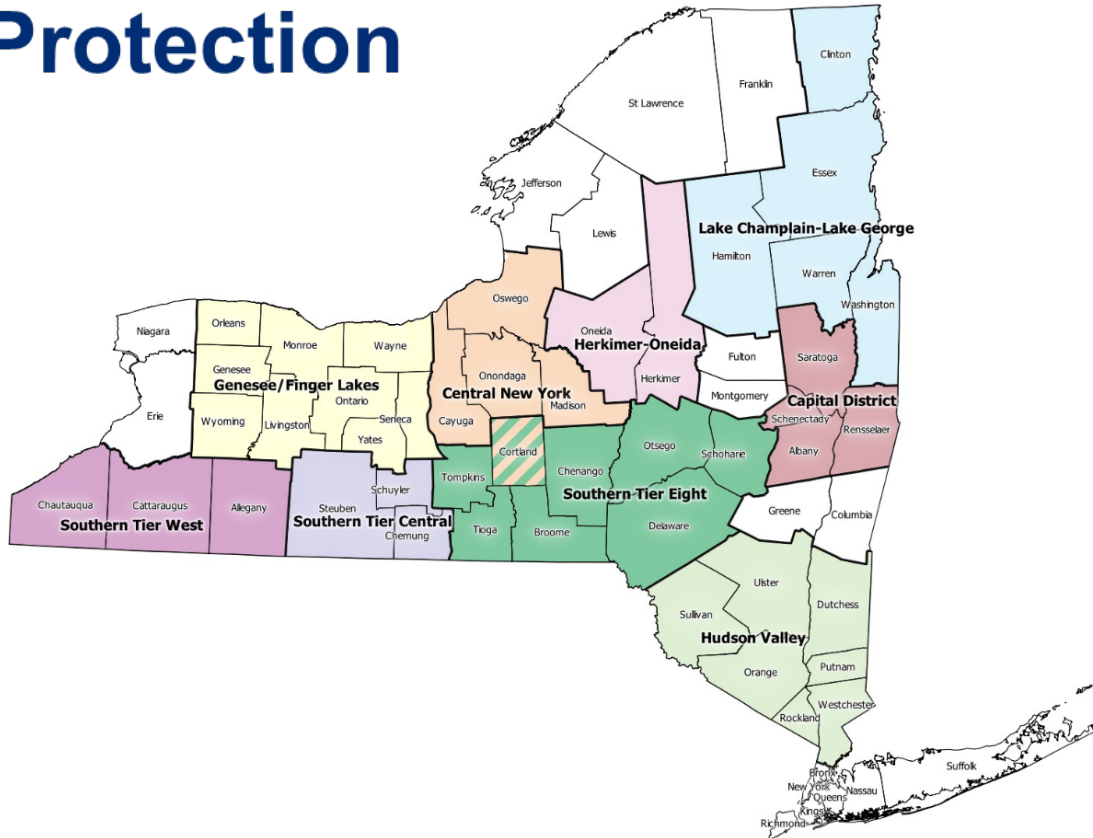


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NYSARC Assistance for Source Water Protection



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Funding for Land Acquisition to Protect Source Water

- DEC's Water Quality Improvement Project (WQIP) grant program provides funding for land acquisition that protect sources of public drinking water.
- Available for purchase of land and conservation easements.
- Two rounds funded so far, totaling 26 projects and awarded more than \$28 million.



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Support for WQIP Grant Recipients

- WQIP Land Acquisition Toolkit.
 - Includes resources to aid awardees with the development of land acquisition documents.



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Buffer Program for Source Water Protection

Source Water Buffer Program – Dept. of Ag & Markets

- Protects active sources of public drinking water through the purchase of conservation easements on agricultural lands.
- \$5,000,000 will be available for awards.
- Applicants: Soil and Water Conservation Districts. Can partner with municipalities or not-for-profits
- Continuous RFA, open for one year.



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Thank You

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