Drinking Water Source Protection Program (DWSP2)

Next-generation Focus on Protection

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12/16/21
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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.
Next Generation Focus: Going from Assessment → Protection
NEW YORK STATE OF OPPORTUNITY

Department of Environmental Conservation

Department of Health

Agriculture and Markets

Department of State

COLLABORATION + COOPERATION BENEFITS FOR EVERYONE

awwa.org
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
State Support

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

Reach out to us at
source.water@dec.ny.gov
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
City of Auburn

- Working with a TA provider on DWSP2
- Received a $75,000 grant for land acquisition
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=NYSDEC_154

Thank you

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