



Drinking Water Source Protection Program



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Environmental
Conservation

Department of
Health

Department
of State

Department of
Agriculture
and Markets



Together, we can protect your drinking water.

Locally Led, State-Supported Source Water Protection

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October 17th, 2025

Overview of Topics

- Importance of source water protection
- DWSP2 overview
 - ❑ What to expect, program eligibility
- DWSP2 plan development
- DWSP2 plan implementation
 - ❑ Overview, examples
- The story of DWSP2 in numbers



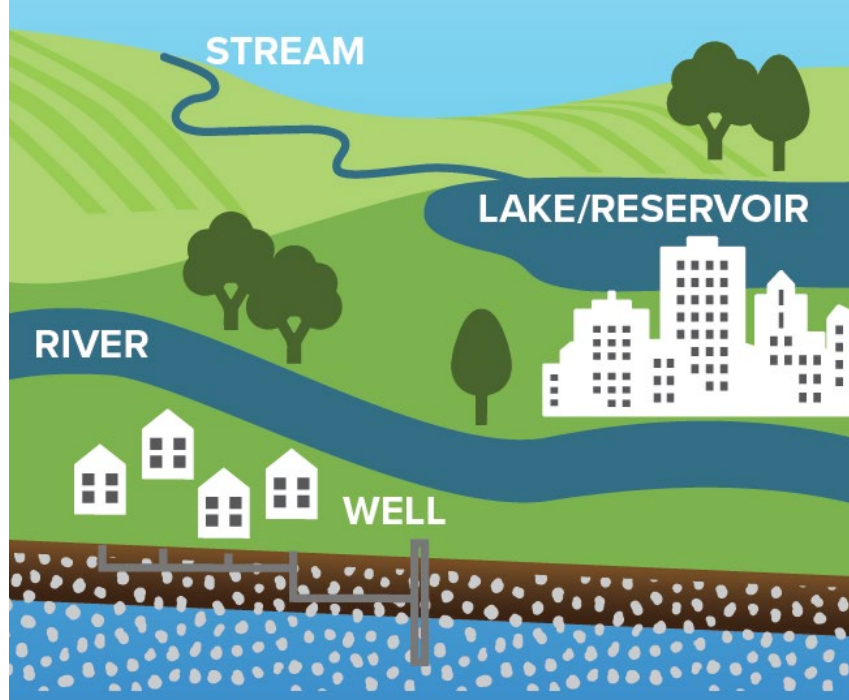
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WHAT IS SOURCE WATER?

Your drinking water can come from:



WHAT IS SOURCE WATER?

Your drinking water can come from:

WHY PROTECT SOURCE WATER?

Potential contaminants can come from:



WHAT IS SOURCE WATER?

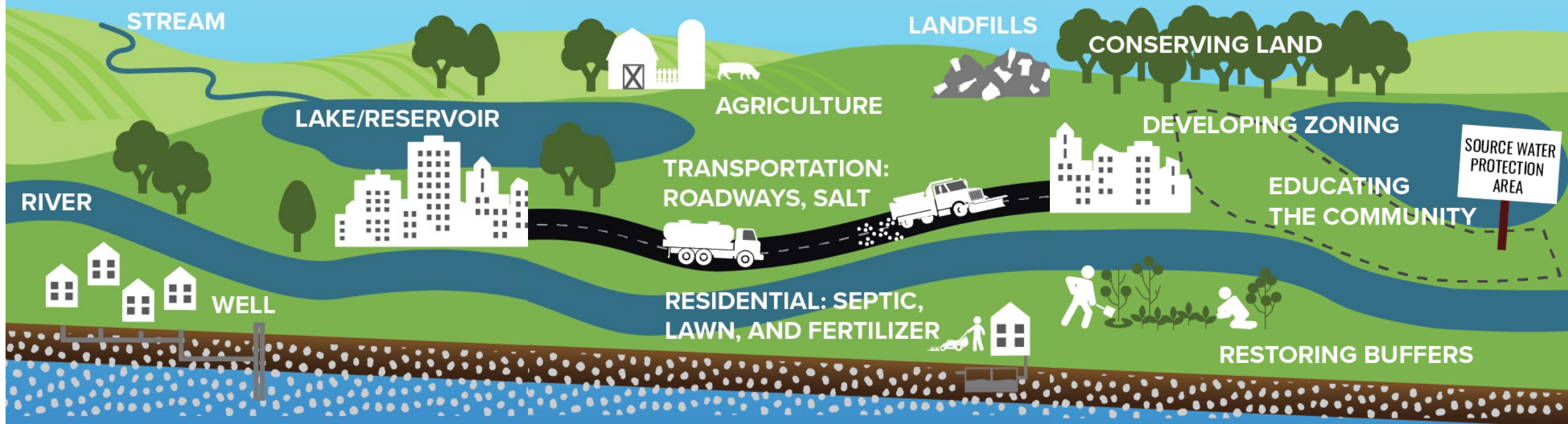
Your drinking water can come from:

WHY PROTECT SOURCE WATER?

Potential contaminants can come from:

SOURCE WATER PROTECTION ACTIONS

Communities can take action by:



What to Expect from DWSP2

- Free technical assistance
- Flexible schedule
- Completed Drinking Water Source Protection Plan
 - Mapping of the drinking source water and surrounding area
 - Complete inventory of potential contaminant sources
 - Thorough list of source water protection actions
 - Guidance on funding sources and strategies



Photo: Grant Jiang



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Who is DWSP2 for?

- Small, Medium, Large Public Water Supplies
- Rural and urban communities
- Public water supplies who don't have updated maps
- Municipalities who have
 - Groundwater, surface water, or both
 - Limited staff capacity
 - A source within or outside of their administrative boundaries



Photo: Grant Jiang

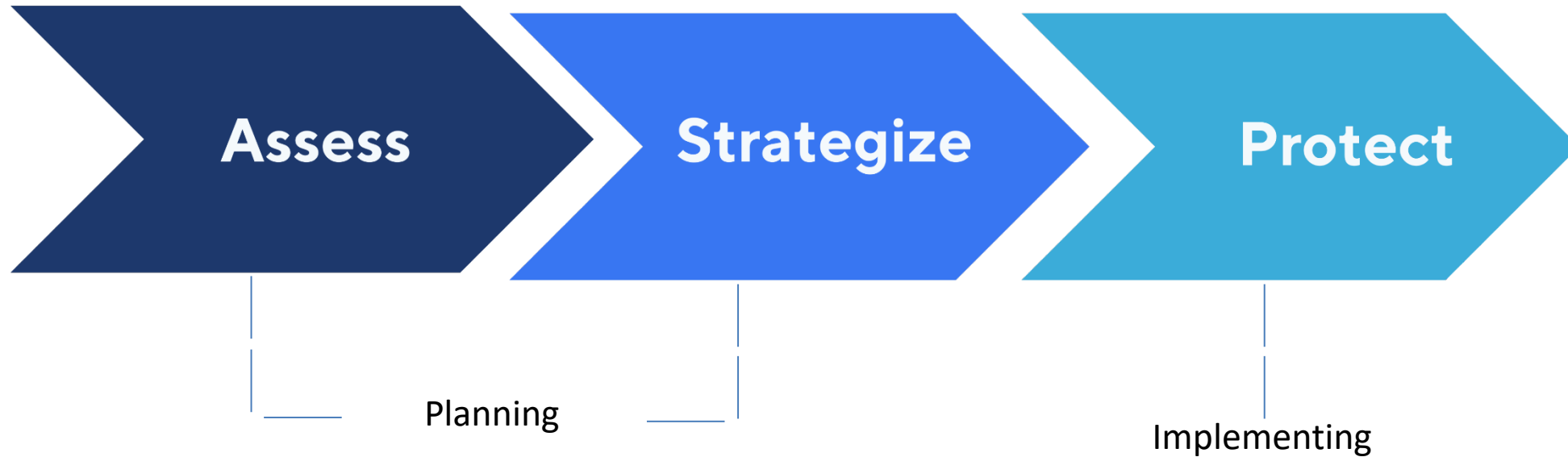


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Developing Your DWSP2 Program



Developing Your Program



**Water Quality &
Availability**

**Potential Contaminant
Sources**

Source Water Maps



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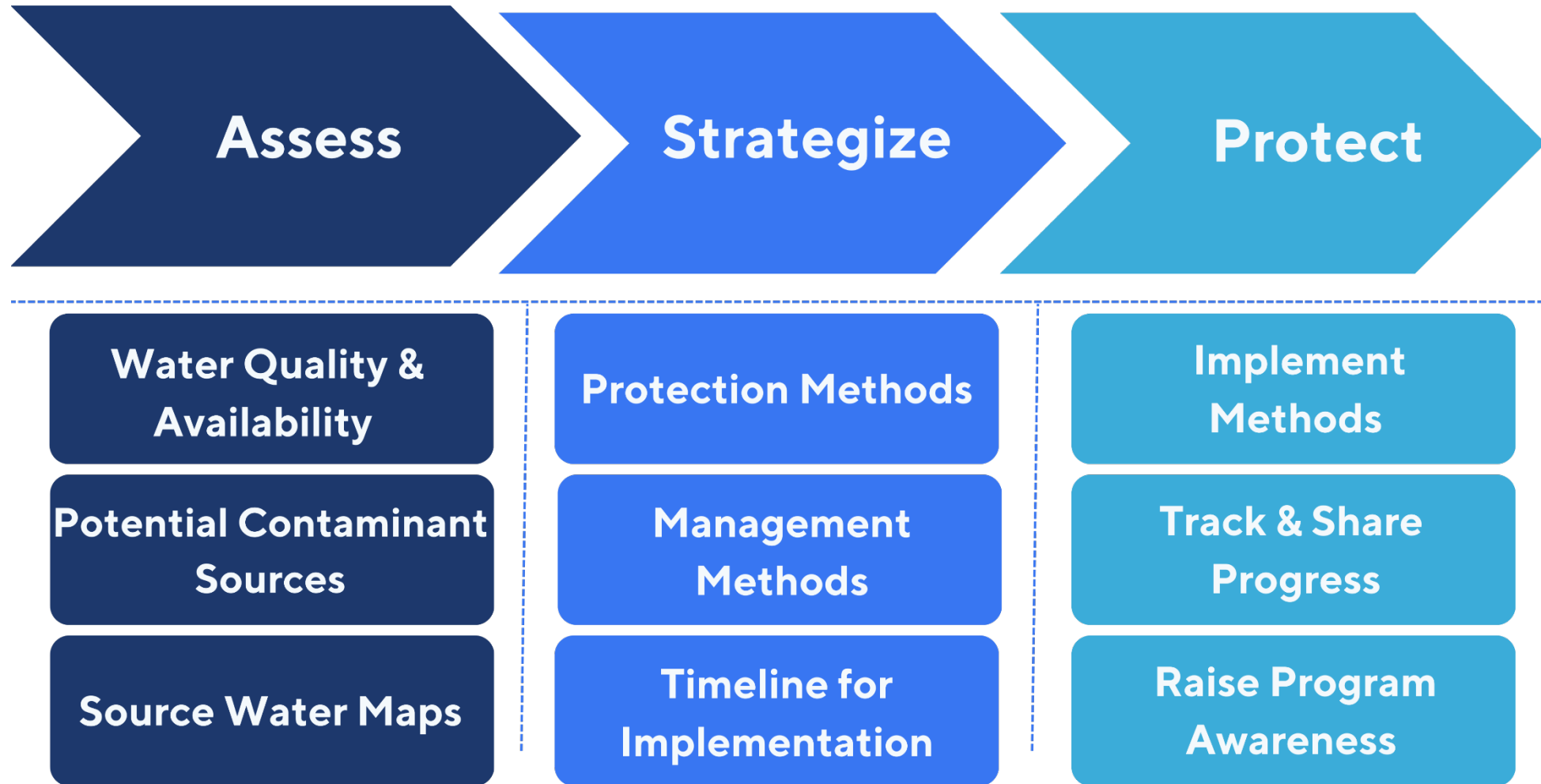


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Developing Your Program



Developing Your Program



ROLE OF DWSP2 TECHNICAL ASSISTANCE PROVIDERS

COORDINATE
STAKEHOLDER
GROUP



GUIDE PLAN
DEVELOPMENT



INTERPRET
DATA



DEVELOP
MAPS



IDENTIFY
STRATEGIES



PROVIDE GUIDANCE
ON FUNDING



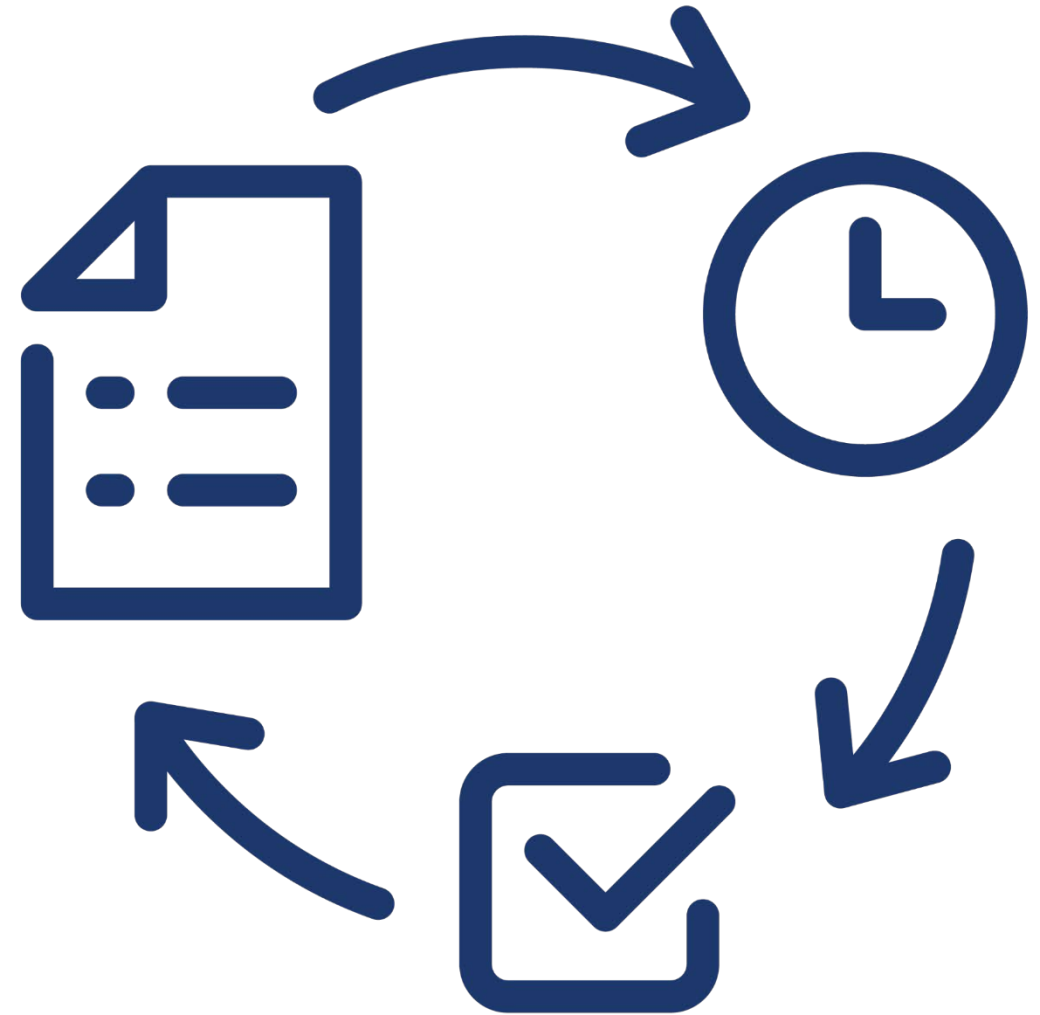
SUPPORT PLAN
IMPLEMENTATION



DWSP2: Actionable Source Water Protection

Your DWSP2 Implementation Strategies Will Identify:

- Partnerships Needed
- Project costs
- Funding opportunities
- Step-by-step process



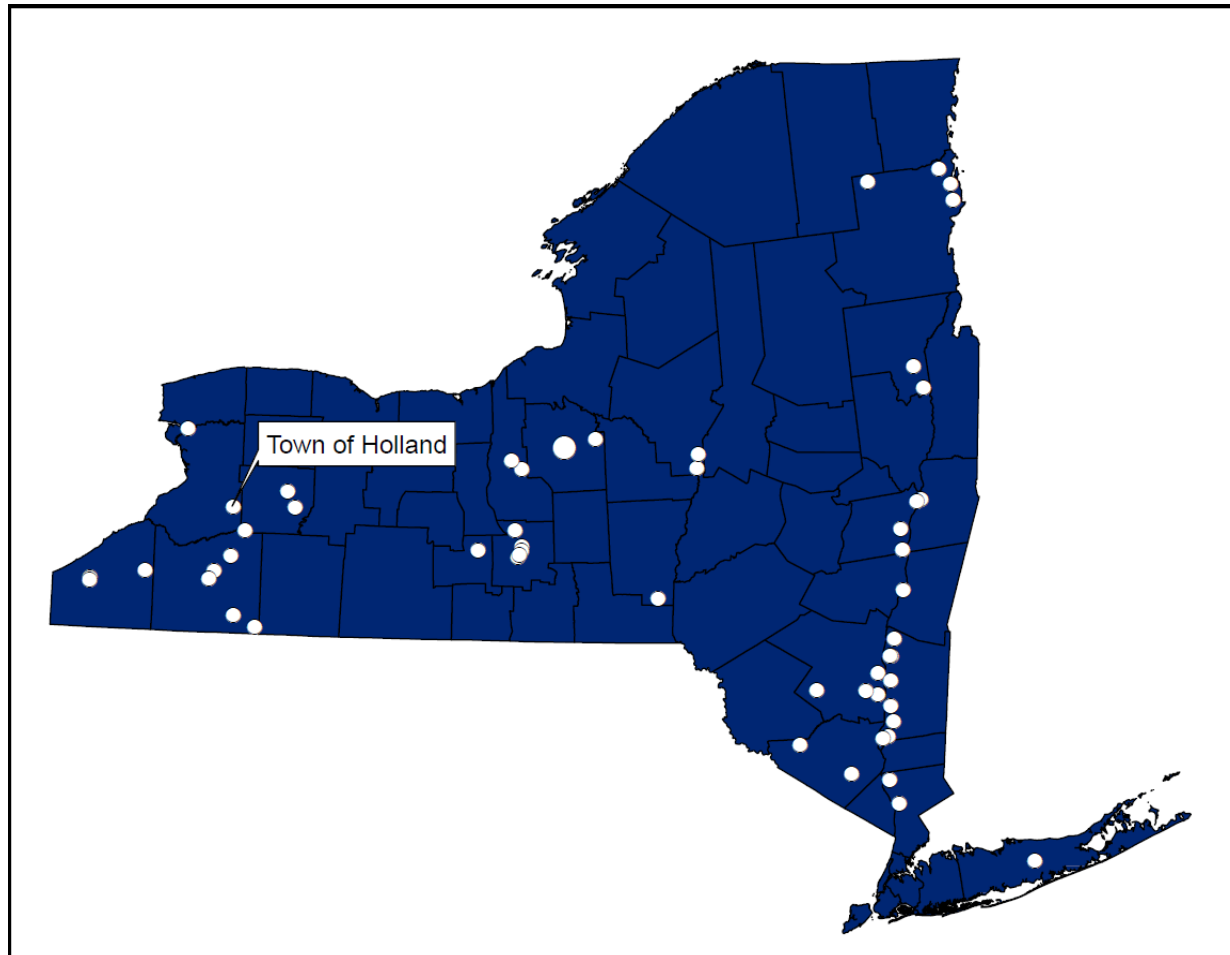
DWSP2 Implementation Examples



Protect

Town of Holland

Non-regulatory Tool: Local Law Gap Analysis



Goal: Identify where key town legislation could be strengthened or created to protect the source water and surrounding area from potential contaminants.

Local Law Gap Analysis

Reviewed over 20 local laws and plans:

- Zoning Laws and Regulations
- Stormwater Management
- Open Space Plans
- Comprehensive Plan



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Town of Brookhaven Implementation

Non-regulatory Tool: Outreach and Education

BROOKHAVEN DRINKING WATER PROTECTION PROGRAM

Everyone has an important role to play in protecting drinking water.

It is important to understand that our drinking water supply comes from an underground aquifer that can be impacted by our actions. Please do not dispose of chemicals improperly. Use your septic system only for toilet, shower, and dish/laundry waste - no other disposal purposes.

BROOKHAVEN DRINKING WATER PROTECTION PROGRAM

How can households contribute to drinking water pollution?

Household chemicals such as solvents, drain cleaners, oils, paints, pharmaceuticals, and pesticides can interfere with the proper operation of septic systems and can also cause groundwater contamination which can impact drinking water supply sources.

BROOKHAVEN DRINKING WATER SOURCE PROTECTION PROGRAM

Septic Systems & Water Quality.

Many septic systems in Brookhaven are in the recharge area for drinking water supplies. This means that what you put into your system can impact the quality of our community's water. The extent of this impact depends on proper management of wastewater disposal and what we put down our drains.

Our Vision

That clean and healthy water supply sources will continue to be Brookhaven's legacy as we work together to monitor and protect our drinking water supplies, including the natural and working landscapes that replenish our aquifer.

Town Resources

The Town of Brookhaven has a Stop Throwing Out Pollutants (STOP) program in place to prevent the contamination of our environment and groundwater. The STOP facility is located at the town's landfill.

Contact NYS Department of Environmental Conservation (DEC) at (518) 897-1200 to inquire about proper contaminant disposal methods and locations.



Image Source: EcoFlow Septic

Goal: Promote awareness and educate Brookhaven residents on the vital role septic system maintenance plays in water quality.



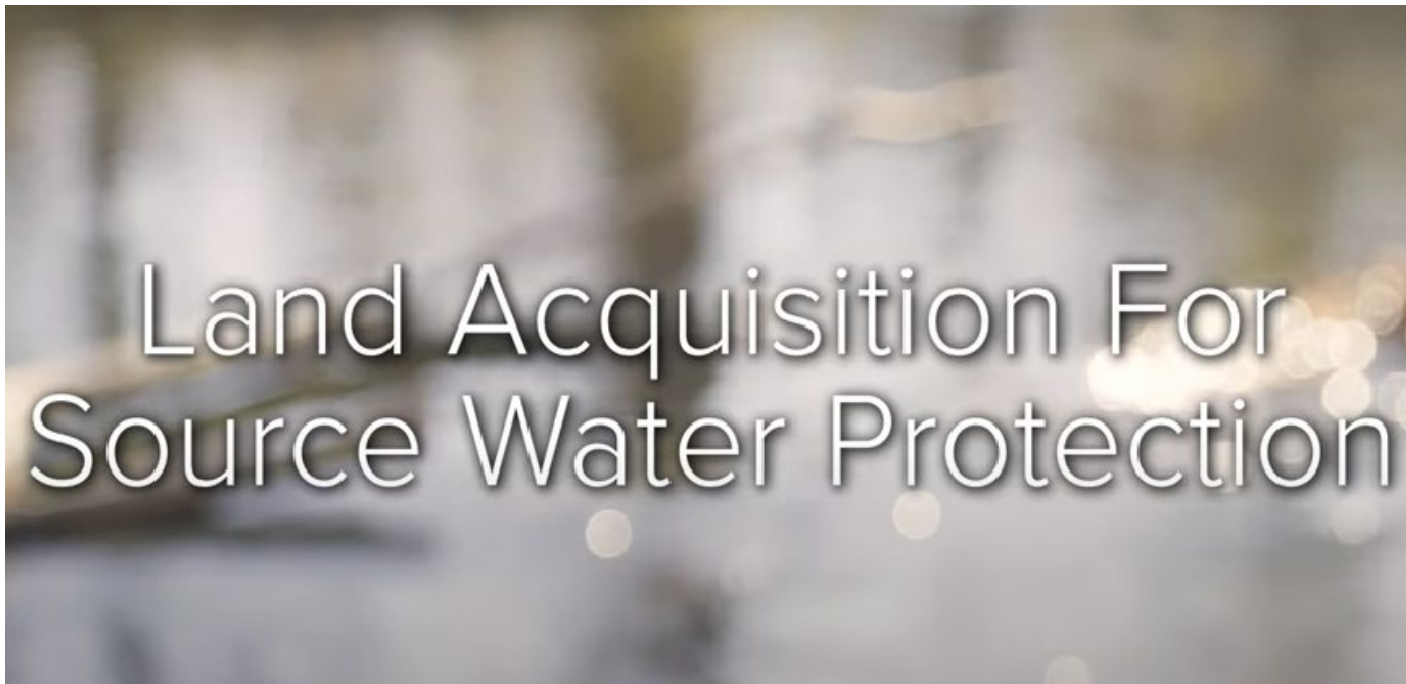
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Town of Brookhaven Implementation (cont.)

Non-regulatory Tool: Land Acquisition



Goal: Prevent contamination of drinking water from changing land use by acquiring property around the source.



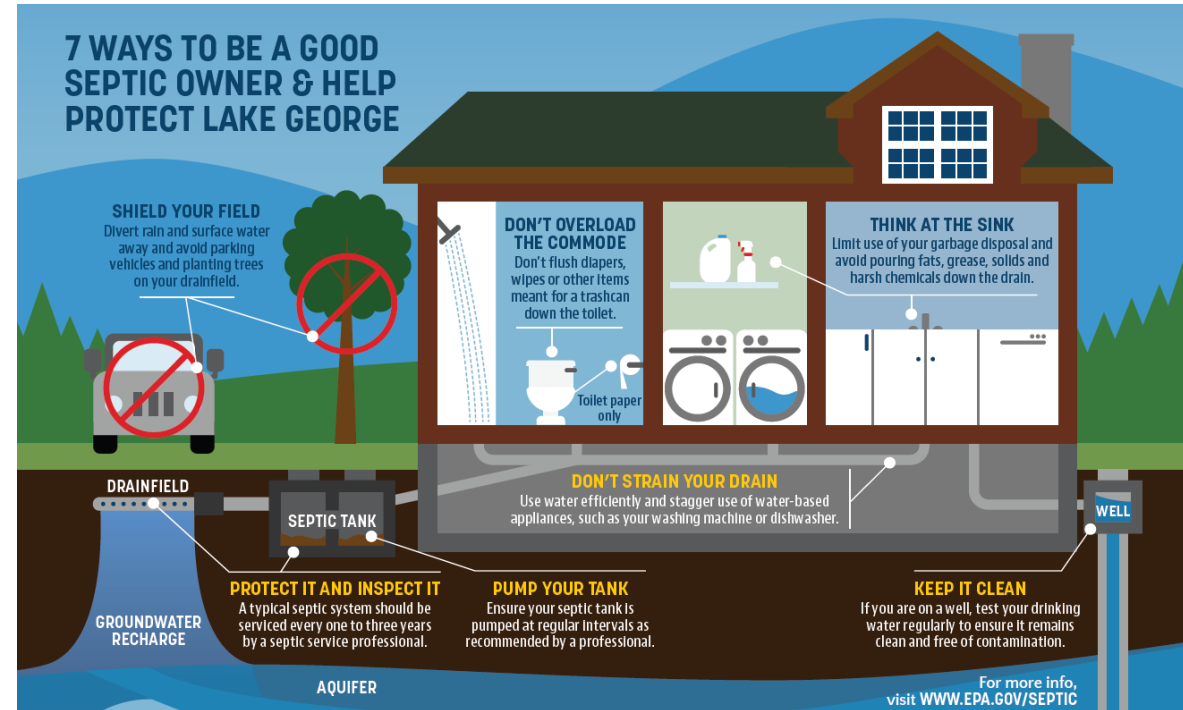
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Additional Implementation Examples

- Private Septic System Maintenance
- Critical Environmental Areas
- Intermunicipal Agreements
- Overlay District
- Comprehensive Plan Update
- Road Salt Application Reduction
- Grant Writing and Assistance



Together, we can protect your drinking water



Increase Funding Opportunities



Protect Water Quality



Prevent Contamination



Promote Local Resiliency



Strengthen Community Partnerships

Locally Led, State-Supported Source Water Protection



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Status

102

Participating Municipalities



2,506,404

Water Consumers Served



134

Source Waters Evaluated



DWSP2 Interest Form QR Code



DWSP2 Webpage QR Code



For any questions, reach out to: source.water@dec.ny.gov



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Thank you

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